

XML Tools

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1: Overview

The XML Tools are designed to allow data synchronization and integration with third party systems housing similar data. All Tools involve server-to-server communication whereby the initiating server sends a Request XML document to the appropriate URL specified in this document, then receives a Reply XML document from Nexternal, then parses that document and takes appropriate action to achieve the desired integration.

Because XML transactions are always initiated by the client via the Request XML, it is not possible to have XML initiated by an event in the Online Store, such as the placement of an order. You may, however, query new orders every 10 minutes by using the OrderQuery tool on a scheduled basis to "export" new orders to a third party system in a timely manner.

Successful use of the XML Tools requires considerable expertise in XML and the Nexternal Order Management System, as well as the necessary technology assets (i.e. hardware, software, internet service, etc), which are the sole responsibility of the client performing the integration. Nexternal Solutions' responsibility is limited to maintaining the functionality and availability of the Tools in accordance with this document (subject to modification and enhancement at any time, at Nexternal's sole discretion), and providing e-mail based support (strictly limited to questions relating to the functionality of the XML Tools) via the XML Help Desk at Settings/XML Tools in the Order Management System.

As a prerequisite to access to the active XML Tools, clients must agree to the Memorandum of Understanding at Settings/XML Tools in the Order Management System, and pass the XML Test as detailed in this document. The XML Test is designed to validate the skills of the integrator, and thus the XML Help Desk is not available to clients who have yet to pass the test. Clients who lack the in-house expertise to pass the test should seek outside assistance.

Note that the initialism "OMS" is used throughout this document to refer to the Nexternal Order Management System.

2: General Information

The following information should be used for all XML requests:

- Request Protocol: https
- Request Method: POST (send only the XML; do not include a field name or any other form elements)
- Content Type: text/xml
- Do not include a DOCTYPE declaration

The most recent revision of this document is always available at <http://www.nexternal.com/documentation/xmltools.doc> or <http://www.nexternal.com/documentation/xmltools.pdf>.

All XML document validation schemas (XSD's) are available at <http://www.nexternal.com/documentation/schema.zip>.

Documentation regarding allowed State/Province Codes and Country Codes is available at <http://www.nexternal.com/documentation/statescountries.htm>.

The home for the XML Tools in the OMS is Settings/XML Tools. Here, you will find the XML Memorandum of Understanding; and, if the XML Test has been passed, the XML Help Desk and XML Key.

For security purposes, the same access restrictions assigned to the OMS at Settings/Anti-Fraud and Security are applied to the XML Tools. Furthermore, if 15 consecutive failed attempts (where the failure is caused by invalid authentication credentials) are recorded from a given IP address within one hour, the IP is "locked out" from the XML Tools for the remainder of the hour.

When developing and testing your XML integration, in most cases you may do so against your "live" account without any adverse consequences. If you prefer, you may also use the OMS on Nexternal's FirstFirway demonstration site (<http://www.nexternal.com/myfairway>) for testing purposes, or you may request temporary use of a "dummy" account from your Nexternal Account Representative.

Responses from Nexternal utilize HTTP Compression via Microsoft's Internet Information Server (IIS). For most developers, this is inconsequential; however, if you are using Cold Fusion, you may need to include special header information to disable compression – please see <http://www.talkingtree.com/blog/index.cfm/2004/7/28/20040729> for more information.

3: XML Schemas

Schemas for all XML requests and replies are given in tabular format on the following pages. The columns included are as follows:

Element XPath: Path of the XML element, excluding the top level container (which always matches the name of the XML document). For example, full path of the OrderNoRange/OrderNoStart node in the OrderQueryRequest document is OrderQueryRequest/OrderNoRange/OrderNoStart. Attributes are denoted by the @ symbol.

Required: (Request XML only) Denotes whether or not the element is required. A No value indicates that the element is not required in all cases, not that the element can be safely ignored. A Yes* value indicates that the element is required only if its non-required parent is present.

Always: (Reply XML only) The equivalent of the Required field for Request XML.

Occurs: Denotes the number of occurrences of the element, or the range thereof. For child elements, this field indicates the number of occurrences *per parent node*.

Type: Denotes the element type. The possible values are:

- Container: A container that contains child nodes
- Text Node/Attribute: Contains textual data (letters, numbers, punctuation, spaces, etc) with no specific format unless noted in the Description. If an absolute or maximum number of characters applies, that number is noted.
- Text Node/Attribute (Request XML only): Contains data in the same format as the Text Node/Attribute, but may also be an empty node to erase an existing value.
- Integer Node/Attribute: Contains integer values only. Unless otherwise noted in the Description, the field allows only positive integers.
- Currency Node/Attribute: Contains a currency value with 2 decimal places. For example, \$4.50 is represented as 4.50. Unless otherwise noted in the Description, the field allows only positive values and represents a value in United States Dollars.
- Numeric Node/Attribute: Contains a numeric value with no fixed number of decimal places. Unless otherwise noted in the Description, the field allows only positive numbers.
- Percent Node/Attribute: Contains a percent value with a variable number of decimal places. For example, 7.75% is represented as 7.75. Unless otherwise noted in the Description, the field allows only positive values.
- Date Node/Attribute: Contains a date value in the mm/dd/yyyy format (unless otherwise noted). For example, July 4, 2005 is represented as 07/04/2005.
- Time Node/Attribute: Contains a time value in the hh:mm format, where hh ranges from 00 – 23 and mm ranges from 00 – 59. For example, 1:05 PM is

represented as 13:05. Time values are based on the U.S. Pacific Time Zone, subject to adjustment via the Time Adjustment field at Settings/Site Options in the OMS.

- URL Node: Contains a Uniform Resource Locator (URL) value. Used with image and audio files located on the internet, or a webpage to be displayed to the user during redirection.
- Empty Node: Contains no value. The presence or lack of an Empty Node is used to represent a Boolean value.

Description: Contains a description of the field and other pertinent information.

4: XML Test

Successful completion of the XML Test is required before access to the active XML Tools is granted. The test is used to validate the skills of the integrator. The test consists of two parts: TestSubmit and TestVerify.

Your script should begin by sending the TestSubmitRequest, then receive and parse the TestSubmitReply. Based on the TestSubmitReply, your script should then build and send the TestVerifyRequest and receive the TestVerifyReply. The TestVerifyRequest must be sent within 1 minute of the TestSubmitRequest for the test to be completed successfully. If successful, you will receive your active XML Key in the TestVerifyReply, and you may immediately begin using the active XML Tools. The active Key is also available upon successful completion of the test at Settings/XML Tools in the OMS.

Authentication of the TestSubmitRequest and TestVerifyRequest is via any User Name and Password valid for the OMS with an Access Level of Administrator or Editor. Additionally, the TestVerifyRequest must include the "test" XML Key provided by the TestSubmitReply (randomly generated and separate from the active XML Key provided by the TestVerifyReply) as either an attribute or node as specified in the TestSubmitReply.

TestSubmitRequest URL: <https://www.nexternal.com/shared/xml/testsubmit.rest>

TestVerifyRequest URL: <https://www.nexternal.com/shared/xml/testverify.rest>

TestSubmitRequest Schema

| Element Xpath | Required | Occurs | Type | Description |
|-------------------------|----------|--------|--------------------------|---|
| Credentials | Yes | 1 | Container | |
| Credentials/AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| Credentials/UserName | Yes | 1 | Text Node (50 chars max) | Any valid, active User Name with Access Level Administrator or Editor |
| Credentials/Password | Yes | 1 | Text Node (50 chars max) | User's Password |

TestSubmitReply Schema

| Element Xpath | Always | Occurs | Type | Description |
|---------------|--------|--------|------------------------------|--|
| @AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| @Type | Yes | 1 | Text Attribute (9 chars max) | Location of Key in TestVerifyRequest (Attribute or Node) |
| TestKey | Yes | 1 | Text Node (20 chars max) | Test Key |

TestVerifyRequest Schema

| Element Xpath | Required | Occurs | Type | Description |
|------------------|----------|--------|-------------------------------|--|
| Credentials | Yes | 1 | Container | |
| Credentials @Key | No | 1 | Text Attribute (20 chars max) | Use for Test Key if TestSubmitReply @Type is Attribute |

| Element Xpath | Required | Occurs | Type | Description |
|-------------------------|-----------------|---------------|--------------------------|---|
| Credentials/AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| Credentials/UserName | Yes | 1 | Text Node (50 chars max) | Any valid, active User Name with Access Level Administrator or Editor |
| Credentials/Password | Yes | 1 | Text Node (50 chars max) | User's Password |
| Credentials/Key | No | 1 | Text Node (20 chars max) | Use for Test Key if TestSubmitReply @Type is Node |

TestVerifyReply Schema

| Element Xpath | Always | Occurs | Type | Description |
|----------------------|---------------|---------------|--------------------------|--------------------------------------|
| @AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| ActiveKey | Yes | 1 | Text Node (20 chars max) | Active Key for use with XML Tools |

TestSubmitRequest Example

```
<?xml version="1.0" encoding="utf-8" ?>
<TestSubmitRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <UserName>Demo</UserName>
    <Password>Dem0U$er</Password>
  </Credentials>
</TestSubmitRequest>
```

TestSubmitReply Example

```
<?xml version="1.0" encoding="utf-8" ?>
<TestSubmitReply AccountName="fairway" Type="Attribute">
  <TestKey>?!J{*1iQKx/,FK=pW#rl</TestKey>
</TestSubmitReply>
```

TestVerifyRequest Example

```
<?xml version="1.0" encoding="utf-8" ?>
<TestVerifyRequest>
  <Credentials Key="?!J{*1iQKx/,FK=pW#rl">
    <AccountName>fairway</AccountName>
    <UserName>Demo</UserName>
    <Password>Dem0U$er</Password>
  </Credentials>
</TestVerifyRequest>
```

TestVerifyReply Example

```
<?xml version="1.0" encoding="utf-8" ?>
<TestVerifyReply AccountName="fairway" >
  <ActiveKey> k]?h;GO9niH]Itx[ @uQB </ActiveKey>
</TestVerifyReply>
```


5: OrderQuery

The OrderQuery is used to query order data, thus "exporting" orders from the OMS so that they may be "imported" into an external system.

You may submit a query based on Order Number Range, Order Date Range, Order Last Updated Range, Fulfillment Date Range, Preferred Ship Date Range, Preferred Delivery Date Range, Pickup Date Range, Customer Number, Ship-To State/Province or Country, Order Status, Billing Status, Order Type, Pickup Location, or Affiliate (or any of those criteria in combination). For Order Number Range, Order Date Range, Order Last Updated Range, Ship/Send Date Range, and Pickup Date Range, you may specify a Range Start, Range End, or both. Specifying only a Range Start has the meaning of "greater than or equal to", while only a Range End has the meaning of "less than or equal to". For example, a query based on only an Order Number Range Start of 102400 queries Orders 102400 and greater.

In the case of an Order Date Range or Order Last Updated Range, you may specify a Start and/or End Date, and optionally a Time. If you do not specify a Time, a default value of 00:00 (i.e. 12:00 AM) is used. If you wish to specify the end of the day (particularly for a Range End), you must use a Time value of 23:59.

In the case of order fulfillment queries using a Fulfillment Date Range, only orders with an Order Status of Picked Up (for pickup orders), Shipped (for product orders) or Sent (for gift certificate orders) are returned. Other orders are necessarily excluded from the query. To refine the query to a specific fulfillment type, include the OrderType node with your query.

In addition to order ranges you may also query for a specific Order Line Item by including a Product Name, Product SKU, Product Number, Shipping Method, Line Item Status, Vendor, or Tracking Number. For orders that contain products defined at the SKU level you may include a SKU-level SKU value, or you may include a list of one or more Attributes and Options that define your SKU-level item.

OrderQuery gives you the option, via the IncludeTransactions node in the OrderQueryRequest, of including Credit Card Transactions in the query. This can be useful if you need to integrate transaction information with an external system. To include full Credit Card Numbers, you must also turn on the Full CC Access: Report/XML option at Settings/Site Options in the OMS; if you choose to do so, you are responsible for taking the precautions that customers expect with such sensitive information. If FlexCache Gift Cards are in use (Settings/Compatible Software in the OMS), the IncludeTransactions node also includes Gift Card Transactions in the query.

If Split Order Processing (Settings/Site Options in the OMS) is in use, you may, via the SegmentsAsOrders node in the OrderQueryRequest, query Order Segments as if they were separate orders. In this case, orders with Segment Numbers are returned in the OrderQueryReply with each segment in a separate Order container, with the Segment

Number appearing in the OrderNo node embedded with a hyphen (e.g. 102301-1). In the OrderQueryRequest, you may also include embedded Segment Numbers in an Order Number Range. Furthermore, for queryable properties defined at the segment level or below (e.g. Order Status, Order Line Item), only matching segments are returned. In all cases, orders without Segment Numbers are unaffected.

Note: Many properties are defined at a level higher than segment, such as at the order level (e.g. Customer, Billing Status, Tags) or the shipment level (e.g. Shipping Method). For these properties, the same value is returned for all segments.

If Currency Conversion (Settings/Compatible Software in the OMS) is in use, and the customer who placed an order chose to use a foreign currency, the Order/Currency container is returned in the OrderQueryReply. While the container includes details of the currency chosen by the customer (including the Order Total in that currency), all currency values found outside of the Order/Currency container always represent United States Dollars.

A single OrderQueryRequest returns no more than 15 Order nodes in the corresponding OrderQueryReply, even if the requested query includes more than 15 resulting orders (or segments). The presence of a NextPage node in the OrderQueryReply indicates that a subsequent "page" of results exists. You may then use the Page node in the OrderQueryRequest to iteratively request all orders in the query. Orders are always returned in the OrderQueryReply in ascending order of Order Number.

Note: If the Page node in the OrderQueryRequest contains a page number greater than the maximum page number in the query results, the maximum page number is returned.

CurrentStatus Node

The CurrentStatus node in the OrderQueryRequest gives you the option of obtaining a simple status snapshot on a large number of orders. To do so, specify a query range (Order Number Range, Order Date Range, Order Last Updated Range, Ship/Send Date Range, Preferred Ship Date Range, or Preferred Delivery Date Range) and include the CurrentStatus node. The OrderQueryReply will return a single node per order, containing the Order Number, Order Status, Order Type, and Billing Status. The maximum OrderQueryReply page size with the CurrentStatus node is 2000.

OrderQueryRequest URL: <https://www.nexternal.com/shared/xml/orderquery.rest>

OrderQueryRequest Schema

| Element Xpath | Required | Occurs | Type | Description |
|-------------------------|----------|--------|--------------------------|--|
| Credentials | Yes | 1 | Container | Note that the supplied Credentials must contain the Client's XML Key <u>or</u> a UserName and Password, but not both |
| Credentials/AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| Credentials/Key | No | 1 | Text Node (20 chars max) | Client's XML Key |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|--------------------------|---|
| Credentials/UserName | No | 1 | Text Node (50 chars max) | XML Tools User Name • See Users / New Users / Access Level in the OMS for more information about the XML Tools Access Level |
| Credentials/Password | No | 1 | Text Node (50 chars max) | XML Tools User Password |
| OrderNoRange | No | 1 | Container | For query by Order Number Range |
| OrderNoRange/OrderNoStart | No | 1 | Integer/Text Node | Order Number Range Start • Supports embedding a Segment Number with a hyphen (e.g. 102301-1) when Split Order Processing (Settings/Site Options) is enabled in the OMS |
| OrderNoRange/OrderNoEnd | No | 1 | Integer/Text Node | Order Number Range End • Supports embedding a Segment Number with a hyphen (e.g. 102301-1) when Split Order Processing (Settings/Site Options) is enabled in the OMS |
| OrderDateRange | No | 1 | Container | For query by Order Date Range |
| OrderDateRange/OrderDateStart | No | 1 | Container | |
| OrderDateRange/OrderDateStart/DateTime | Yes* | 1 | Container | |
| OrderDateRange/OrderDateStart/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Order Date Range Start |
| OrderDateRange/OrderDateStart/DateTime/Time | No | 1 | Time Node (hh:mm) | Order Date Range Start Time (default value: 00:00) |
| OrderDateRange/OrderDateEnd | No | 1 | Container | |
| OrderDateRange/OrderDateEnd/DateTime | Yes* | 1 | Container | |
| OrderDateRange/OrderDateEnd/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Order Date Range End |
| OrderDateRange/OrderDateEnd/DateTime/Time | No | 1 | Time Node (hh:mm) | Order Date Range End Time (default value: 00:00) |
| OrderUpdRange | No | 1 | Container | For query by Order Last Updated Range |
| OrderUpdRange/OrderUpdStart | No | 1 | Container | |
| OrderUpdRange/OrderUpdStart/DateTime | Yes* | 1 | Container | |
| OrderUpdRange/OrderUpdStart/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Last Updated Date Range Start |
| OrderUpdRange/OrderUpdStart/DateTime/Time | No | 1 | Time Node (hh:mm) | Last Updated Date Range Start Time (default value: 00:00) |
| OrderUpdRange/OrderUpdEnd | No | 1 | Container | |
| OrderUpdRange/OrderUpdEnd/DateTime | Yes* | 1 | Container | |
| OrderUpdRange/OrderUpdEnd/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Last Updated Date Range End |
| OrderUpdRange/OrderUpdEnd/DateTime/Time | No | 1 | Time Node (hh:mm) | Last Updated Date Range End Time (default value: 00:00) |
| ShipDateRange | No | 1 | Container | For query by Fulfillment Date Range |
| ShipDateRange/ShipDateStart | No | 1 | Container | |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|---------------------------|---|
| ShipDateRange/ShipDateStart/DateTime | Yes* | 1 | Container | |
| ShipDateRange/ShipDateStart/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Fulfillment Date Range Start |
| ShipDateRange/ShipDateEnd | No | 1 | Container | |
| ShipDateRange/ShipDateEnd/DateTime | Yes* | 1 | Container | |
| ShipDateRange/ShipDateEnd/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Fulfillment Date Range End |
| PreferredShipDateRange | No | 1 | Container | For query by Preferred Ship Date Range • Returns Product Orders only |
| PreferredShipDateRange/PreferredShipDateStart | No | 1 | Container | |
| PreferredShipDateRange/PreferredShipDateStart/DateTime | Yes* | 1 | Container | |
| PreferredShipDateRange/PreferredShipDateStart/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Preferred Ship Date Range Start |
| PreferredShipDateRange/PreferredShipDateEnd | No | 1 | Container | |
| PreferredShipDateRange/PreferredShipDateEnd/DateTime | Yes* | 1 | Container | |
| PreferredShipDateRange/PreferredShipDateEnd/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Preferred Ship Date Range End |
| PreferredDeliveryDateRange | No | 1 | Container | For query by Preferred Delivery Date Range • Returns Product Orders only |
| PreferredDeliveryDateRange/PreferredDeliveryDateStart | No | 1 | Container | |
| PreferredDeliveryDateRange/PreferredDeliveryDateStart/DateTime | Yes* | 1 | Container | |
| PreferredDeliveryDateRange/PreferredDeliveryDateStart/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Preferred Delivery Date Range Start |
| PreferredDeliveryDateRange/PreferredDeliveryDateEnd | No | 1 | Container | |
| PreferredShipDeliveryRange/PreferredDeliveryDateEnd/DateTime | Yes* | 1 | Container | |
| PreferredDeliveryDateRange/PreferredDeliveryDateEnd/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Preferred Delivery Date Range End |
| PickupDateRange | No | 1 | Container | For query by Expected Pickup Date Range • Returns Product Orders only |
| PickupDateRange/PickupDateStart | No | 1 | Container | |
| PickupDateRange/PickupDateStart/DateTime | Yes* | 1 | Container | |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|-------------------------------|---|
| PickupDateRange/PickupDateStart/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Expected Pickup Date Range Start |
| PickupDateRange/PickupDateEnd | No | 1 | Container | |
| PickupDateRange/PickupDateEnd/DateTime | Yes* | 1 | Container | |
| PickupDateRange/PickupDateEnd/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Expected Pickup Date Range End |
| CustomerNo | No | 1 | Integer Node | Customer Number |
| ShipTo | No | 1 | Container | Used to query by Ship To State/Province Code or Ship To Country Code <ul style="list-style-type: none"> • Returns Product Orders only • If this container is included you must also include either the ShipTo/StateProvCode or ShipTo/CountryCode node, but not both |
| ShipTo/StateProvCode | No | 1 | Text Node (2 chars max) | Ship To State/Province Code |
| ShipTo/CountryCode | No | 1 | Text Node(2 chars max) | Ship To Country Code |
| OrderLineItem | No | 1 | Container | Used to query for orders containing a specific Product, Vendor, Line Item Status, Tracking Number, or Shipping Method Order Line Item Product Name |
| OrderLineItem/ProductName | No | 1 | Text Node (100 chars max) | Order Line Item Product Name |
| OrderLineItem/ProductSKU | No | 1 | Text Node (50 chars max) | Order Line Item Product-level SKU |
| OrderLineItem/ProductNo | No | 1 | Integer Node | Order Line Item Product Number |
| OrderLineItem/ShipMethod | No | 1 | Text Node (50 chars max) | Used to query by Order Line Item Shipping Method <ul style="list-style-type: none"> • Queries for ShipMethod can be performed using a partial match for the type of shipping method (e.g. "Ground" will return orders for "UPS Ground" and "FedEx Ground") |
| OrderLineItem/SKUItem | No | 1 | Container | Used to query for orders containing specific SKU-level items |
| OrderLineItem/SKUItem/SKU | No | 1 | Text Node (50 chars max) | Order Line Item SKU-level SKU number |
| OrderLineItem/SKUItem/Attributes | No | 1 | Container | <ul style="list-style-type: none"> • If this container is included you may <u>not</u> include the SKUItem/SKU node • If this container is included you must also include a ProductName node, a ProductSKU node, or a ProductNo node |
| OrderLineItem/SKUItem/Attributes/Attribute | Yes* | 1 + | Text Node (50 chars max) | Order Line Item SKU Attribute Value |
| OrderLineItem/SKUItem/Attributes/Attribute @Name | Yes* | 1 | Text Attribute (50 chars max) | Order Line Item SKU Attribute Name |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|---|---|
| OrderLineItem/LineItemStatus | No | 1 | Text Node (20 chars max) | Used to query by Order Line Item Status <ul style="list-style-type: none"> Unshipped, In Process, Shipped, Not Ready, Ready, Picked Up, Backordered, Preordered, Canceled, Return-Ship Agent, Return-Customer, Outstanding (all statuses other than Shipped, Picked Up, Sent, Canceled, and Return-Customer), or Fulfilled (Shipped, Picked Up, or Sent) Unshipped also returns Gift Certificate Orders with a status of Unsent, while Shipped also returns Gift Certificate Orders with a status of Sent |
| OrderLineItem/LineItemCustomField | No | 1 | Text/Integer/Numeric/Currency/Date Node | Line Item Custom Field Value <ul style="list-style-type: none"> Node Type depends on Field Type of Custom Field |
| OrderLineItem/LineItemCustomField @Type | Yes* | 1 | Text Attribute (16 chars max) | Line Item Custom Field Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderLineItem/Vendor | No | 1 | Text Node (75 chars max) | Vendor Name |
| OrderLineItem/TrackingNumber | No | 1 | Text Node (50 chars max) | Order Line Item Tracking Number |
| OrderLineItem/PickedUpByTrustee | No | 1 | Text Node (50 chars max) | First and Last Name of a Customer or Trustee that signed for the Order Line Item |
| | No | 1 | Container | Used to query for a specific Trustee <ul style="list-style-type: none"> Must contain a Trustee Customer ID, a Trustee E-Mail Address, or a Trustee Name Applicable only if Pickup Trustee Preferences is in use (Customers/Preferences in the OMS) |
| Trustee/CustomerID | No | 1 | Integer Node | Trustee Customer Number |
| Trustee/Email | No | 1 | Text Node (50 chars max) | Trustee E-Mail Address |
| Trustee/Name | No | 1 | Container | |
| Trustee/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Trustee First Name |
| Trustee/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Trustee Last Name |
| OrderStatus | No | 1 | Text Node (20 chars max) | Used to query by Order Status <ul style="list-style-type: none"> Unshipped, In Process, Shipped, Not Ready, Ready, Picked Up, Pending, Backordered, Preordered, Canceled, Return-Ship Agent, Return-Customer, Shipped-Partial, Picked Up-Partial, or Other-See Line Items Unshipped also returns Gift Certificate Orders with a status of Unsent, while Shipped also returns Gift Certificate Orders with a status of Sent The values Outstanding (all statuses other than Shipped, Picked Up, Sent, Canceled, and Return-Customer) and Fulfilled (Shipped, Picked Up, or Sent), are also permitted |

| Element Xpath | Required | Occurs | Type | Description |
|----------------------|-----------------|---------------|--------------------------|--|
| BillingStatus | No | 1 | Text Node (16 chars max) | Used to query by Billing Status <ul style="list-style-type: none"> • Unbilled, Authorized, Billed, Billed-Partial, Paid, Paid-Partial, Refunded, Refunded-Partial, Declined CC, or Canceled • The values Paid-Unbilled (Paid for Payment Methods of Credit Card or Paypal; Unbilled, Billed, or Paid otherwise) and Paid-Billed (Paid for Payment Methods of Credit Card or Paypal; Billed or Paid otherwise) are also permitted |
| OrderType | No | 1 | Text Node (20 chars max) | Used to query by Order Type (Product, Pickup, or Gift Certificate) |
| PlacedByNote | No | 1 | Text Node (25 chars max) | Used to query by Placed By Note <ul style="list-style-type: none"> • The list of available values for this field can be viewed in the OMS Advanced Search Options for Orders |
| LastUpdByNote | No | 1 | Text Node (25 chars max) | Used to query by Last Updated By Note <ul style="list-style-type: none"> • The list of available values for this field can be viewed in the OMS Advanced Search Options for Orders |
| PickupLocation | No | 1 | Text Node (50 chars max) | Used to query by Pickup Location Internal Name |
| Tags | No | 1 | Container | Used to query by one or more Tags |
| Tags/Tag | Yes* | 1 + | Text Node | Individual Tag for query <ul style="list-style-type: none"> • Tag matching is case-insensitive, but requires an exact match (e.g. 'fall' matches 'Fall', but not 'Fall 2017') |
| Affiliate | No | 1 | Text Node (50 chars max) | Used to query by Affiliate <ul style="list-style-type: none"> • Queries for Affiliate can be performed using a partial match for the affiliate category or affiliate name (e.g. "Magazine" will return orders for "Time Magazine" and "Life Magazine") |
| IncludeTransactions | No | 1 | Empty Node | Indicates that Credit Card Transactions should be included in the OrderQueryReply |
| IncludeCustomFields | No | 1 | Empty Node | Indicates that Custom Fields for Customers, Orders, and Products should be included in the OrderQueryReply |
| SegmentsAsOrders | No | 1 | Empty Node | Indicates that orders with Segments Numbers should be included in the OrderQueryReply as if each segment were a separate order <ul style="list-style-type: none"> • Orders may have Segment Numbers only if Split Order Processing (Settings/Site Options) is enabled in the OMS |
| Integration | No | 1 | Container | See External Mapping for more information |
| CurrentStatus | No | 1 | Empty Node | Used to return the Order Status and Billing Status of all Orders that fall within the specified range <ul style="list-style-type: none"> • Allowed only when this node is combined with OrderNoRange, OrderDateRange, OrderUpdRange, ShipDateRange, PreferredShipDateRange, or PreferredDeliveryDateRange |
| Page | No | 1 | Integer Node | Requested page number of query results (default value: 1) |

OrderQueryReply Schema (without CurrentStatus node)

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|-------------------------------|---|
| @AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| @Page | Yes | 1 | Integer Attribute | Page number of query results |
| Order | Yes | 1 - 15 | Container | |
| Order/OrderNo | Yes | 1 | Integer/Text Node | Order Number • May include a Segment Number embedded with a hyphen (e.g. 102301-1) if the SegmentsAsOrders node is included in the OrderQueryRequest |
| Order/OrderDate | Yes | 1 | Container | |
| Order/OrderDate/DateTime | Yes | 1 | Container | |
| Order/OrderDate/DateTime/Date | Yes | 1 | Date Node (mm/dd/yyyy) | Order Date |
| Order/OrderDate/DateTime/Time | Yes | 1 | Time Node (hh:mm) | Order Time |
| Order/OrderType | Yes | 1 | Text Node (16 chars max) | Order Type (Product, Pickup, or Gift Certificate) |
| Order/ShipCompliant | No | 1 | Container | ShipCompliant compliance status • Usage of the ShipCompliant web service is set at Settings/Compatible Software/ShipCompliant in the OMS |
| Order/ShipCompliant/SCFlag | Yes* | 1 | Text Node (6 chars max) | ShipCompliant status flag (Green, Yellow, or Red) |
| Order/ShipCompliant/SCError | Yes* | 1 | Text Node | ShipCompliant error message (only if SCFlag is set to Yellow) |
| Order/ShipCompliant/SCSyncDate | No | 1 | Container | ShipCompliant Last Synchronized Date |
| Order/ShipCompliant/SCSyncDate/DateTime | Yes | 1 | Container | |
| Order/ShipCompliant/SCSyncDate/DateTime/Date | Yes | 1 | Date Node (mm/dd/yyyy) | ShipCompliant Synchronization Date |
| Order/ShipCompliant/SCSyncDate/DateTime/Time | Yes | 1 | Time Node (hh:mm) | ShipCompliant SynchronizationTime |
| Order/Customer | Yes | 1 | Container | |
| Order/Customer/CustomerNo | Yes | 1 | Integer Node | Customer Number (unique ID) |
| Order/Customer/Email | Yes | 1 | Text Node (50 chars max) | Customer E-Mail Address |
| Order/Customer/Address | Yes | 1 | Container | For Customer Contact Address |
| Order/Customer/Address@Type | Yes | 1 | Text Attribute (11 chars max) | Customer Contact Address Type (Residential or Business) |
| Order/Customer/Address@ID | Yes | 1 | Integer Attribute | Customer Address Book ID |
| Order/Customer/Address@Label | No | 1 | Text Attribute (25 chars max) | Customer Contact Address Label |
| Order/Customer/Address/Name | Yes | 1 | Container | |
| Order/Customer/Address/Name/FirstName | Yes | 1 | Text Node (50 chars max) | Customer First Name |
| Order/Customer/Address/Name/LastName | Yes | 1 | Text Node (50 chars max) | Customer Last Name |
| Order/Customer/Address/CompanyName | No | 1 | Text Node (100 chars max) | Customer Contact Company Name • Usage of the Company Name field is set at Customers/Types in the OMS |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|---|---|
| Order/Customer/Address/StreetAddress1 | Yes | 1 | Text Node (100 chars max) | Customer Contact Street Address (Line 1) |
| Order/Customer/Address/StreetAddress2 | No | 1 | Text Node (100 chars max) | Customer Contact Street Address (Line 2) |
| Order/Customer/Address/City | Yes | 1 | Text Node (50 chars max) | Customer Contact City |
| Order/Customer/Address/StateProvCode | No | 1 | Text Node (2 chars max) | Customer Contact State/Province Code |
| Order/Customer/Address/ZipPostalCode | Yes | 1 | Text Node (20 chars max) | Customer Contact Zip/Postal Code |
| Order/Customer/Address/CountryCode | Yes | 1 | Text Node (2 chars max) | Customer Contact Country Code |
| Order/Customer/Address/PhoneNumber | Yes | 1 | Text Node (50 chars max) | Customer Contact Phone Number |
| Order/Customer/Address/PhoneExt | No | 1 | Text Node (30 chars max) | Customer Contact Phone Extension |
| Order/Customer/Address/InvalidAddress | No | 1 | Empty Node | Indicates Customer Contact Address has been flagged as invalid by UPS Address Validation |
| Order/Customer/CustomerType | Yes | 1 | Text Node (20 chars max) | Customer Type |
| Order/Customer/AgeVerification | No | 1 | Container | For Age Verification Results |
| Order/Customer/AgeVerification/VerificationFlag | Yes* | 1 | Text Node (6 chars max) | Age Verification Flag (Green, Yellow, or Red) |
| Order/Customer/AgeVerification/VerificationNotes | No | 1 | Text Node | Age Verification Notes |
| Order/Customer/Trustee | No | 1 | Container | Applicable only if Pickup Trustee Preferences is in use (Customers/Preferences in the OMS) |
| Order/Customer/Trustee/CustomerID | Yes* | 1 | Integer Node | Trustee Customer Number |
| Order/Customer/Trustee/Email | Yes* | 1 | Text Node | Trustee E-Mail Address |
| Order/Customer/Trustee/Name | Yes* | 1 | Container | |
| Order/Customer/Trustee/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Trustee First Name |
| Order/Customer/Trustee/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Trustee Last Name |
| Order/Customer/CustomField1 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #1 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField1 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #1 Name |
| Order/Customer/CustomField1 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #1 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField2 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #2 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField2 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #2 Name |

| Element Xpath | Always | Occurs | Type | Description |
|-----------------------------------|---------------|---------------|---|---|
| Order/Customer/CustomField2 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #2 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField3 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #3 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField3 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #3 Name |
| Order/Customer/CustomField3 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #3 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField4 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #4 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField4 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #4 Name |
| Order/Customer/CustomField4 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #4 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField5 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #5 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField5 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #5 Name |
| Order/Customer/CustomField5 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #5 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField6 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #6 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField6 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #6 Name |
| Order/Customer/CustomField6 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #6 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField7 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #7 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField7 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #7 Name |
| Order/Customer/CustomField7 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #7 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField8 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #8 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField8 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #8 Name |
| Order/Customer/CustomField8 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #8 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField9 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #9 Value • Node Type depends on Field Type of Custom Field |

| Element Xpath | Always | Occurs | Type | Description |
|------------------------------------|---------------|---------------|---|--|
| Order/Customer/CustomField9 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #9 Name |
| Order/Customer/CustomField9 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #9 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField10 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #10 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField10 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #10 Name |
| Order/Customer/CustomField10 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #10 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField11 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #11 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField11 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #11 Name |
| Order/Customer/CustomField11 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #11 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField12 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #12 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField12 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #12 Name |
| Order/Customer/CustomField12 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #12 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField13 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #13 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField13 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #13 Name |
| Order/Customer/CustomField13 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #13 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField14 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #14 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField14 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #14 Name |
| Order/Customer/CustomField14 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #14 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField15 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #15 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField15 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #15 Name |
| Order/Customer/CustomField15 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #15 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |

| Element Xpath | Always | Occurs | Type | Description |
|------------------------------------|---------------|---------------|---|--|
| Order/Customer/CustomField16 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #16 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField16 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #16 Name |
| Order/Customer/CustomField16 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #16 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField17 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #17 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField17 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #17 Name |
| Order/Customer/CustomField17 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #17 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField18 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #18 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField18 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #18 Name |
| Order/Customer/CustomField18 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #18 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField19 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #19 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField19 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #19 Name |
| Order/Customer/CustomField19 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #19 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Customer/CustomField20 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #20 Value • Node Type depends on Field Type of Custom Field |
| Order/Customer/CustomField20 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #20 Name |
| Order/Customer/CustomField20 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #20 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/OrderStatus | Yes | 1 | Text Node (20 chars max) | Order Status • Product Orders: Unshipped, In Process, Shipped, Pending, Backordered, Preordered, Canceled, Return-Ship Agent, Return-Customer, Shipped-Partial, or Other-See Line Items • Gift Certificate Orders: Unsent, Sent, Canceled, Sent-Partial, or Other-See Line Items |
| Order/ShipDate | No | 1 | Container | For Shipped/Sent orders |
| Order/ShipDate/DateTime | Yes* | 1 | Container | |
| Order/ShipDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Ship/Send Date |
| Order/PickupDate | No | 1 | Container | For Picked Up orders |
| Order/PickupDate/DateTime | Yes* | 1 | Container | |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|----------------------------------|---|
| Order/PickupDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Pickup Date |
| Order/ReasonCanceled | No | 1 | Text Node (255 chars max) | Reason Canceled (for Canceled orders) |
| Order/BillingStatus | Yes | 1 | Text Node (16 chars max) | Billing Status (Unbilled, Authorized, Billed, Billed-Partial, Paid, Paid-Partial, Refunded, Refunded-Partial, Declined CC, or Canceled) |
| Order/OrderAmount | Yes | 1 | Currency Node | Total Order Amount • Always 0.00 for Canceled orders |
| Order/OrderNet | Yes | 1 | Currency Node | Order Net (Order Amount less Shipping and Sales Tax) • Always 0.00 for Canceled orders |
| Order/BillTo | Yes | 1 | Container | |
| Order/BillTo/Address | Yes | 1 | Container | For Bill To Address |
| Order/BillTo/Address@Type | Yes | 1 | Text Attribute (11 chars max) | Bill To Address Type (Residential or Business) |
| Order/BillTo/Address/AddressBook | No | 1 | Container | |
| Order/BillTo/Address/AddressBook@ID | Yes* | 1 | Integer Attribute | Customer Address Book ID (if present) |
| Order/BillTo/Address/AddressBook@Label | No | 1 | Text Attribute (25 chars max) | Customer Address Book Label (if present) |
| Order/BillTo/Address/Name | Yes | 1 | Container | |
| Order/BillTo/Address/Name/FirstName | Yes | 1 | Text Node (50 chars max) | Bill To First Name |
| Order/BillTo/Address/Name/LastName | Yes | 1 | Text Node (50 chars max) | Bill To Last Name |
| Order/BillTo/Address/CompanyName | No | 1 | Text Node (100 chars max) | Bill To Company Name • Usage of the Company Name field is set at Customers/Types in the OMS |
| Order/BillTo/Address/StreetAddress1 | Yes | 1 | Text Node (100 chars max) | Bill To Street Address (Line 1) |
| Order/BillTo/Address/StreetAddress2 | No | 1 | Text Node (100 chars max) | Bill To Street Address (Line 2) |
| Order/BillTo/Address/City | Yes | 1 | Text Node (50 chars max) | Bill To City |
| Order/BillTo/Address/StateProvCode | No | 1 | Text Node (2 chars max) | Bill To State/Province Code |
| Order/BillTo/Address/ZipPostalCode | Yes | 1 | Text Node (20 chars max) | Bill To Zip/Postal Code |
| Order/BillTo/Address/CountryCode | Yes | 1 | Text Node (2 chars max) | Bill To Country Code |
| Order/BillTo/Address/PhoneNumber | Yes | 1 | Text Node (50 chars max) | Bill To Phone Number |
| Order/BillTo/Address/PhoneExt | No | 1 | Text Node (30 chars max) | Bill To Phone Extension |
| Order/BillTo/Address/InvalidAddress | No | 1 | Empty Node | Indicates that Bill To Address has been flagged as invalid by UPS Address Validation |
| Order/Payment | No | 1 | Container | |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|--------------------------|---|
| Order/Payment/PaymentMethod | Yes* | 1 | Text Node (20 chars max) | Payment Method • Values include Credit Card, Invoice, C.O.D., and Paypal • A Custom Payment Method is also possible |
| Order/Payment/CreditCard | No | 1 | Container | For Payment Method of Credit Card |
| Order/Payment/CreditCard/CreditCardType | Yes* | 1 | Text Node (10 chars max) | Credit Card Type (Visa, MasterCard, American Express, Diners Club, Discover, enRoute, or JCB) |
| Order/Payment/CreditCard/CreditCardNumber | No | 1 | Text Node (16 chars max) | Credit Card Number • Entire number included only if the Full CC Access: Report/XML option (Settings/Site Options in the OMS) is on |
| Order/Payment/CreditCard/CreditCardExpDate | Yes* | 1 | Date Node (mm/yyyy) | Credit Card Expiration Date |
| Order/Pending | No | 1 | Container | |
| Order/Pending/AutoActivationDate | No | 1 | Container | Date that the Pending Order will be automatically activated |
| Order/Pending/AutoActivationDate/DateTime | Yes* | 1 | Container | |
| Order/Pending/AutoActivationDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Activation Date |
| Order/Pending/AutoCancelDate | No | 1 | Container | Date that the Pending Order will be automatically canceled |
| Order/Pending/AutoCancelDate/DateTime | Yes* | 1 | Container | |
| Order/Pending/AutoCancelDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Cancellation Date |
| Order/Pending/MinOrderQuantity | No | 1 | Integer Node | Minimum order quantity |
| Order/Pending/MinOrderPrice | No | 1 | Currency Node | Minimum order price |
| Order/Pending/AllowCustomerCancel | No | 1 | Empty Node | If present, the customer is allowed to cancel the order |
| Order/PONumber | No | 1 | Text Node (40 chars max) | Purchase Order Number |
| Order/PlacedBy | Yes | 1 | Text Node (25 chars max) | The method used to place the order (for example, Internet, Phone, Email) • The list of available values for this field can be viewed in the OMS Advanced Search Options for Orders |
| Order/PlacedByNote | No | 1 | Text Node (25 chars max) | Placed By Note • The list of available values for this field can be viewed in the OMS Advanced Search Options for Orders |
| Order/BulkOrderName | No | 1 | Text Node (50 chars max) | Bulk Order Name (if Order/PlacedBy is Bulk Order) |
| Order/PlacedWith | No | 1 | Container | For orders placed from OMS |
| Order/PlacedWith/Name | Yes* | 1 | Container | |
| Order/PlacedWith/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Placed With First Name |
| Order/PlacedWith/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Placed With Last Name |
| Order/LastUpd | Yes | 1 | Container | |
| Order/LastUpd/DateTime | Yes | 1 | Container | |
| Order/LastUpd/DateTime/Date | Yes | 1 | Date Node (mm/dd/yyyy) | Last Updated Date |

| Element Xpath | Always | Occurs | Type | Description |
|---------------------------------------|---------------|---------------|---------------------------|---|
| Order/LastUpd/DateTime/Time | Yes | 1 | Time Node (hh:mm) | Last Updated Time |
| Order/LastUpdBy | No | 1 | Container | For orders last updated by OMS User or Drop Ship Vendor |
| Order/LastUpdBy/Name | No | 1 | Container | |
| Order/LastUpdBy/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Last Updated By First Name (if last updated by OMS User) |
| Order/LastUpdBy/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Last Updated By Last Name (if last updated by OMS User) |
| Order/LastUpdBy/VendorName | No | 1 | Text Node (75 chars max) | Last Updated By Vendor Name (if last updated by Drop Ship Vendor) |
| Order/LastUpdBy/LastUpdByNote | No | 1 | Text Node (25 chars max) | Last Updated By Note • The list of available values for this field can be viewed in the OMS Advanced Search Options for Orders |
| Order/Campaign | No | 1 | Container | For orders with tracking data from a Google or MailChimp campaign |
| Order/Campaign/GoogleSource | No | 1 | Text Node (255 chars max) | Google Source (if available) • Requires the use of Google Analytics (Settings/Policies, Addenda, and Disclaimers in the OMS) |
| Order/Campaign/GoogleCampaign | No | 1 | Text Node (255 chars max) | Google Source (if available) • Requires the use of Google Analytics (Settings/Policies, Addenda, and Disclaimers in the OMS) |
| Order/Campaign/GoogleMedium | No | 1 | Text Node (255 chars max) | Google Source (if available) • Requires the use of Google Analytics (Settings/Policies, Addenda, and Disclaimers in the OMS) |
| Order/Campaign/GoogleContent | No | 1 | Text Node (255 chars max) | Google Source (if available) • Requires the use of Google Analytics (Settings/Policies, Addenda, and Disclaimers in the OMS) |
| Order/Campaign/GoogleTerm | No | 1 | Text Node (255 chars max) | Google Source (if available) • Requires the use of Google Analytics (Settings/Policies, Addenda, and Disclaimers in the OMS) |
| Order/Campaign/MailChimpCampaign | No | 1 | Text Node (20 chars max) | MailChimp Campaign (if available) • Requires the use of MailChimp (Settings/Compatible Software in the OMS) |
| Order/Comments | No | 1 | Container | For orders with Customer and/or Company Comments |
| Order/Comments/CustomerComments | No | 1 | Text Node | Customer Comments |
| Order/Comments/CompanyComments | No | 1 | Text Node | Company Comments |
| Order/Comments/DisplayCompanyComments | No | 1 | Empty Node | Indicates Company Comments may be displayed to customer |
| Order/IP | No | 1 | Container | For orders Placed By Internet, when available |
| Order/IP/IPAddress | Yes* | 1 | Text Node (15 chars max) | Customer IP Address |
| Order/IP/CountryCode | No | 1 | Text Node (2 chars max) | Customer IP Country (if available) |
| Order/Browser | No | 1 | Container | |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|-------------------------------|--|
| Order/Browser/BrowserName | No | 1 | Text Node (15 chars max) | Browser User Agent Name (if available) |
| Order/Browser/BrowserName @Version | No | 1 | Numeric Attribute | Browser Version Number (if available) |
| Order/Browser/PlatformName | No | 1 | Text Node (20 chars max) | Browser Platform Name (if available) |
| Order/Browser/PlatformName @Version | No | 1 | Numeric Attribute | Browser Platform Version Number (if available) |
| Order/Archived | No | 1 | Empty Node | Indicates order is Archived |
| Order/ShipTo | No | 1 + | Container | For Product Orders |
| Order/ShipTo/Address | Yes* | 1 | Container | For Ship To Address |
| Order/ShipTo/Address @Type | Yes* | 1 | Text Attribute (11 chars max) | Ship To Address Type (Residential or Business) |
| Order/ShipTo/Address @Label | No | 1 | Text Attribute (25 chars max) | Ship To Address Label |
| Order/ShipTo/Address/AddressBook | No | 1 | Container | |
| Order/ShipTo/Address/AddressBook @ID | Yes* | 1 | Integer Attribute | Customer Address Book ID (if present) |
| Order/ShipTo/Address/AddressBook @Label | No | 1 | Text Attribute (25 chars max) | Customer Address Book Label (if present) |
| Order/ShipTo/Address/Name | Yes* | 1 | Container | |
| Order/ShipTo/Address/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Ship To First Name |
| Order/ShipTo/Address/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Ship To Last Name |
| Order/ShipTo/Address/CompanyName | No | 1 | Text Node (100 chars max) | Ship To Company Name • Usage of the Company Name field is set at Customers/Types in the OMS |
| Order/ShipTo/Address/StreetAddress1 | Yes* | 1 | Text Node (100 chars max) | Ship To Street Address (Line 1) |
| Order/ShipTo/Address/StreetAddress2 | No | 1 | Text Node (100 chars max) | Ship To Street Address (Line 2) |
| Order/ShipTo/Address/City | Yes* | 1 | Text Node (50 chars max) | Ship To City |
| Order/ShipTo/Address/StateProvCode | No | 1 | Text Node (2 chars max) | Ship To State/Province Code |
| Order/ShipTo/Address/ZipPostalCode | Yes* | 1 | Text Node (20 chars max) | Ship To Zip/Postal Code |
| Order/ShipTo/Address/CountryCode | Yes* | 1 | Text Node (2 chars max) | Ship To Country Code |
| Order/ShipTo/Address/PhoneNumber | Yes* | 1 | Text Node (50 chars max) | Ship To Phone Number |
| Order/ShipTo/Address/PhoneExt | No | 1 | Text Node (30 chars max) | Ship To Phone Extension |
| Order/ShipTo/Address/InvalidAddress | No | 1 | Empty Node | Indicates that Ship To Address has been flagged as invalid by UPS Address Validation |
| Order/ShipTo/SalesTaxRate | No | 1 | Percent Node | Sales Tax Rate charged (if defined) |
| Order/ShipTo/GiftMessage | No | 1 | Container | For requested Gift Message |
| Order/ShipTo/GiftMessage /GiftMessageText | Yes* | 1 | Text Node | Gift Message Text |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|---|--|
| Order/ShipTo/GiftWrap | No | 1 | Empty Node | Indicates requested Gift Wrapping |
| Order/ShipTo/ShipFrom | Yes* | 1 + | Container | |
| Order/ShipTo/ShipFrom @Name | Yes* | 1 | Text Attribute (50 chars max) | Internal Name of Ship From Address |
| Order/ShipTo/ShipFrom/A ddress | Yes | 1 | Container | |
| Order/ShipTo/ShipFrom/A ddress/Name | Yes | 1 | Container | |
| Order/ShipTo/ShipFrom/A ddress/Name/FirstName | Yes | 1 | Text Node (50 chars max) | Ship From Location Contact First Name |
| Order/ShipTo/ShipFrom/A ddress/Name/LastName | Yes | 1 | Text Node (50 chars max) | Ship From Location Contact Last Name |
| Order/ShipTo/ShipFrom/A ddress/CompanyName | No | 1 | Text Node (100 chars max) | Ship From Location Name |
| Order/ShipTo/ShipFrom/A ddress/StreetAddress1 | Yes | 1 | Text Node (100 chars max) | Ship From Location Street Address (Line 1) |
| Order/ShipTo/ShipFrom/A ddress/StreetAddress2 | No | 1 | Text Node (100 chars max) | Ship From Location Street Address (Line 2) |
| Order/ShipTo/ShipFrom/A ddress/City | Yes | 1 | Text Node (50 chars max) | Ship From Location City |
| Order/ShipTo/ShipFrom/A ddress/StateProvCode | No | 1 | Text Node (2 chars max) | Ship From Location State/Province Code |
| Order/ShipTo/ShipFrom/A ddress/ZipPostalCode | Yes | 1 | Text Node (20 chars max) | Ship From Location Zip/Postal Code |
| Order/ShipTo/ShipFrom/A ddress/CountryCode | Yes | 1 | Text Node (2 chars max) | Ship From Location Country Code |
| Order/ShipTo/ShipFrom/A ddress/PhoneNumber | Yes | 1 | Text Node (50 chars max) | Ship From Location Phone Number |
| Order/ShipTo/ShipFrom/Li neItem | Yes* | 1 + | Container | |
| Order/ShipTo/ShipFrom/Li neItem @Taxable | Yes* | 1 | Text Attribute (3 chars max) | Line Item is Taxable (Yes or No) |
| Order/ShipTo/ShipFrom/Li neItem/LineNo | Yes* | 1 | Integer Node | Line Item Number (unique ID) |
| Order/ShipTo/ShipFrom/Li neItem/CustomField | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Line Item Custom Field Value • Node value depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/Li neItem/CustomField @Name | Yes* | 1 | Text Attribute (50 chars max) | Line Item Custom Field Name |
| Order/ShipTo/ShipFrom/Li neItem/CustomField @Type | Yes* | 1 | Text Attribute (16 chars max) | Line Item Custom Field Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/Li neItem/Segment | No | 1 | Integer Node | Line Item Segment Number • Only included when Split Order Processing (Settings/Site Options) is enabled in the OMS, and the order has Segment Numbers |
| Order/ShipTo/ShipFrom/Li neItem/LineProduct | Yes* | 1 | Container | |
| Order/ShipTo/ShipFrom/Li neItem/LineProduct/Produc tNo | Yes* | 1 | Integer Node | Line Item Product Number |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|-------------------------------|--|
| Order/ShipTo/ShipFrom/LineItem/LineProduct/ProductName | Yes* | 1 | Text Node (100 chars max) | Line Item Product Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/ProductSKU | No | 1 | Text Node (50 chars max) | Line Item Product SKU |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/Vendor | No | 1 | Text Node (75 chars max) | Line Item Product Vendor Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/Vendor@No | Yes* | 1 | Integer Attribute | Line Item Product Vendor Number |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/Vendor@Code | No | 1 | Text Attribute (50 chars max) | Line Item Product Vendor Code |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/Attribute | No | 1 + | Text Node (50 chars max) | Line Item Attribute Value |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/Attribute@Name | Yes* | 1 | Text Attribute (50 chars max) | Line Item Attribute Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/WriteIn | No | 1 + | Text Node (4000 chars max) | Line Item Write-In Attribute Value |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/WriteIn@Name | Yes* | 1 | Text Attribute (50 chars max) | Line Item Write-In Attribute Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/Category | Yes* | 1 | Text Node | Line Item Product Primary Category Name • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/Category@No | Yes* | 1 | Integer Attribute | Line Item Product Primary Category Number |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/InventoryKit | No | 1 | Container | Inventory Kit Products/SKU's • Included if the Line Item contains an Inventory Kit |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/InventoryKit/KitProduct | Yes* | 1 + | Container | |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/InventoryKit/KitProduct@SKU | Yes* | 1 | Text Attribute | Inventory Kit Line Item SKU Number • Included if the Inventory Kit is defined as a SKU Level Inventory Kit |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/InventoryKit/KitProduct/Product | Yes* | 1 | Text Node | Inventory Kit Product Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/InventoryKit/KitProduct/Product@Level | Yes* | 1 | Text Attribute | Indicates whether the Inventory Kit Product is defined at the Product Level or the SKU Level |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/InventoryKit/KitProduct/SKU | No | 1 | Text Node | Inventory Kit Product SKU number • Included if a SKU number is defined for the Inventory Kit Product |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|---|--|
| Order/ShipTo/ShipFrom/LineItem/LineProduct/InventoryKit/KitProduct/Attribute | No | 1 + | Text Node | Inventory Kit Product Attribute Value • Included if the Inventory Kit Product is defined at the SKU Level |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/InventoryKit/KitProduct/Attribute @Name | Yes* | 1 | Text Attribute | Inventory Kit Product Attribute Name • Included if the Inventory Kit Product is defined at the SKU Level |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/InventoryKit/KitProduct/Category | Yes* | 1 | Text Node | Inventory Kit Product Primary Category Name • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/InventoryKit/KitProduct/Category @No | Yes* | 1 | Integer Attribute | Inventory Kit Product Primary Category Number |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/InventoryKit/KitProduct/Inventory | No | 1 | Integer Node | Inventory Kit Product Inventory Value • Included only if Inventory Control is enabled at Settings/Site Options/Inventory Control in the OMS |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/InventoryKit/KitProduct/Quantity | Yes* | 1 | Integer Node | Inventory Kit Product Quantity Value |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/VinNow | No | 1 | Container | Included only if integrated with VinNow (Settings/Compatible Software/VinNow in the OMS) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/VinNow/Key | No | 1 | Text Attribute (50 chars max) | VinNow SKU-level Product Key |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField1 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #1 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField1 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #1 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField1 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #1 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField2 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #2 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField2 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #2 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField2 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #2 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField3 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #3 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField3 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #3 Name |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|---|--|
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField3 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #3 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField4 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #4 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField4 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #4 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField4 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #4 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField5 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #5 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField5 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #5 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField5 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #5 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField6 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #6 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField6 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #6 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField6 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #6 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField7 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #7 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField7 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #7 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField7 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #7 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField8 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #8 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField8 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #8 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField8 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #8 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField9 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #9 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField9 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #9 Name |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|---|---|
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField9 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #9 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField10 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #10 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField10 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #10 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField10 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #10 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField11 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #11 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField11 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #11 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField11 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #11 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField12 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #12 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField12 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #12 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField12 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #12 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField13 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #13 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField13 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #13 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField13 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #13 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField14 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #14 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField14 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #14 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField14 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #14 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField15 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #15 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField15 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #15 Name |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|---|---|
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField15 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #15 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField16 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #16 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField16 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #16 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField16 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #16 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField17 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #17 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField17 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #17 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField17 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #17 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField18 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #18 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField18 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #18 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField18 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #18 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField19 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #19 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField19 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #19 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField19 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #19 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField20 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #20 Value • Node Type depends on Field Type of Custom Field |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField20 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #20 Name |
| Order/ShipTo/ShipFrom/LineItem/LineProduct/CustomField20 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #20 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/ShipTo/ShipFrom/LineItem/Quantity | Yes* | 1 | Integer Node | Line Item Quantity |
| Order/ShipTo/ShipFrom/LineItem/RequiredQuantity | No | 1 | Integer Node | Required Quantity • Included only for Pending Orders, and only if the line item is required |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|-------------------------------|--|
| Order/ShipTo/ShipFrom/LineItem/UnitWeight | Yes* | 1 | Numeric Node | Line Item Unit Weight, in pounds • Included if the Weight has been defined for the Line Item Product |
| Order/ShipTo/ShipFrom/LineItem/TotalWeight | Yes* | 1 | Numeric Node | Line Item Total Weight, in pounds • Value is Line Item Quantity multiplied by Line Item Unit Weight • Included if the Line Item Unit Weight contains a value greater than zero |
| Order/ShipTo/ShipFrom/LineItem/LineStatus | Yes* | 1 | Text Node (17 chars max) | Line Item Status (Unshipped, In Process, Shipped, Pending, Backordered, Preordered, Canceled, Return-Ship Agent, or Return-Customer) |
| Order/ShipTo/ShipFrom/LineItem/UnitPrice | Yes* | 1 | Currency Node | Line Item Unit Price • Always 0.00 for Canceled line items |
| Order/ShipTo/ShipFrom/LineItem/ExtPrice | Yes* | 1 | Currency Node | Line Item Extended Price (Unit Price * Quantity) • Always 0.00 for Canceled line items |
| Order/ShipTo/ShipFrom/LineItem/ShipDate | No | 1 | Container | For Shipped line items |
| Order/ShipTo/ShipFrom/LineItem/ShipDate/DateTime | Yes* | 1 | Container | |
| Order/ShipTo/ShipFrom/LineItem/ShipDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Line Item Ship Date |
| Order/ShipTo/ShipFrom/LineItem/ReviewReminder | No | 1 | Container | Included only if Use Review Reminders is enabled in Reviews/Setup/Review Reminders in the OMS and a Review Reminder has been sent |
| Order/ShipTo/ShipFrom/LineItem/ReviewReminder/DateTime | Yes* | 1 | Container | |
| Order/ShipTo/ShipFrom/LineItem/ReviewReminder/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Review Reminder Sent Date |
| Order/ShipTo/ShipFrom/LineItem/TrackingNumber | No | 1 | Text Node (50 chars max) | Line Item Tracking Number (for Shipped line items, if available) |
| Order/ShipTo/ShipFrom/LineItem/ISBN | No | 1 | Text Node (13 chars max) | ISBN Number |
| Order/ShipTo/ShipFrom/LineItem/UPC | No | 1 | Text Node (14 chars max) | UPC Number |
| Order/ShipTo/ShipFrom/LineItem/MPN | No | 1 | Text Node (50 chars max) | Manufacturer Part Number |
| Order/ShipTo/ShipFrom/LineItem/MPN@Manufacturer | No | 1 | Text Attribute (50 chars max) | Manufacturer Name |
| Order/ShipTo/ShipFrom/LineItem/ShipCompliant | No | 1 | Container | If ShipCompliant processing is enabled (Settings/Compatible Software/ShipCompliant), this field overrides the default settings for ShipCompliant web service. |
| Order/ShipTo/ShipFrom/LineItem/ShipCompliant/ProductKey | Yes* | 1 | Text Node (50 chars max) | ShipCompliant Product Key |
| Order/ShipTo/ShipFrom/LineItem/ShipCompliant/BrandKey | Yes* | 1 | Text Node (50 chars max) | ShipCompliant Brand Key |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|------------------------------|---|
| Order/ShipTo/ShipFrom/LineItem/VinNow | No | 1 | Container | Included only if integrated with VinNow (Settings/Compatible Software/VinNow in the OMS) |
| Order/ShipTo/ShipFrom/LineItem/VinNow/ProductKey | No | 1 | Text Node (50 chars max) | VinNow Product Key |
| Order/ShipTo/ShipFrom/LineItem/VinNow/BrandKey | No | 1 | Text Node (50 chars max) | VinNow Brand Key |
| Order/ShipTo/ShipFrom/LineItem/Parent | No | 1 | Empty Node | Indicates Parent Line Item (for split line items) |
| Order/ShipTo/ShipFrom/LineItem/Child | No | 1 | Empty Node | Indicates Child Line Item (for split line items) |
| Order/ShipTo/ShipFrom/ShippingCompliant | No | 1 | Container | ShipCompliant compliance status • Usage of the ShipCompliant web service is set at Settings/Compatible Software/ShipCompliant in the OMS |
| Order/ShipTo/ShipFrom/ShippingCompliant/SCFlag | Yes* | 1 | Text Node (6 chars max) | ShipCompliant status flag (Green or Red) |
| Order/ShipTo/ShipFrom/ShippingCompliant/SCMessage | Yes* | 1 | Text Node | ShipCompliant error message • Included if SCFlag is Red |
| Order/ShipTo/ShipFrom/ShippingMethod | Yes* | 1 | Text Node (50 chars max) | Shipping Method |
| Order/ShipTo/ShipFrom/ShippingMethod @Shipper | Yes* | 1 | Text Attribute (6 chars max) | Shipper corresponding to Shipping Method ((none), UPS, FedEx, DHL, USPS, or Other) |
| Order/ShipTo/ShipFrom/ShippingMethod @TimeInTransit | No | 1 | Integer Attribute | Time In Transit, in business days |
| Order/ShipTo/ShipFrom/ShippingRate | No | 1 | Currency Node | Shipping Rate (if defined) |
| Order/ShipTo/ShipFrom/ShippingRate @Taxable | Yes* | 1 | Text Attribute (3 chars max) | Shipping Rate is Taxable (Yes or No) |
| Order/ShipTo/ShipFrom/ShippingRate @SKU | No | 1 | Text Attribute | Ship Rate Export SKU • Included if the Shipping field is specified at Orders/Export/Excel & Access Preferences/Export SKUs in the OMS |
| Order/ShipTo/ShipFrom/ShippingWeight | No | 1 | Numeric Node | Total Shipping Weight, in pounds • Included if Line Item Total Weight(s) are calculated |
| Order/ShipTo/ShipFrom/PreferredDelivery | No | 1 | Container | For Preferred Ship Date and Preferred Delivery Date |
| Order/ShipTo/ShipFrom/PreferredDelivery/PreferredShipDate | Yes* | 1 | Container | |
| Order/ShipTo/ShipFrom/PreferredDelivery/PreferredShipDate/DateTime | Yes* | 1 | Container | |
| Order/ShipTo/ShipFrom/PreferredDelivery/PreferredShipDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Preferred Ship Date |
| Order/ShipTo/ShipFrom/PreferredDelivery/PreferredDeliveryDate | Yes* | 1 | Container | |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|---------------------------|---|
| Order/ShipTo/ShipFrom/PreferredDelivery/PreferredDeliveryDate/DateTime | Yes* | 1 | Container | |
| Order/ShipTo/ShipFrom/PreferredDelivery/PreferredDeliveryDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Preferred Delivery Date |
| Order/ShipTo/ShipFrom/Appportionment | Yes | 1 | Container | Contains totals apportioned to the Ship To/Ship From combination as if it were its own order |
| Order/ShipTo/ShipFrom/Appportionment/AppportionmentTotal | Yes | 1 | Currency Node | Apportioned Order Total |
| Order/ShipTo/ShipFrom/Appportionment/LineItemTotal | Yes | 1 | Currency Node | Apportioned Line Item Total |
| Order/ShipTo/ShipFrom/Appportionment/DiscountTotal | Yes | 1 | Currency Node | Apportioned Discount Total <ul style="list-style-type: none"> • Includes all discounts that apply after the Order Subtotal but before Sales Tax (i.e. Category, Order, Coupon, Customer, and Sharing discounts) • Includes Loyalty Discount if Customer Loyalty is applied as a discount (Settings/Site Options/Customer Loyalty in the OMS) |
| Order/ShipTo/ShipFrom/Appportionment/DiscountDetails | No | 1 | Container | Contains details of the Discount Total (if any) |
| Order/ShipTo/ShipFrom/Appportionment/DiscountDetails/CategoryDiscount | No | 1 + | Currency Node | Apportioned Category Discount (if any) |
| Order/ShipTo/ShipFrom/Appportionment/DiscountDetails/CategoryDiscount@Name | Yes* | 1 | Text Attribute | Category Name (for Category Discount) <ul style="list-style-type: none"> • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Order/ShipTo/ShipFrom/Appportionment/DiscountDetails/OrderDiscount | No | 1 | Currency Node | Apportioned Order Discount (if any) |
| Order/ShipTo/ShipFrom/Appportionment/DiscountDetails/CouponDiscount | No | 1 | Currency Node | Apportioned Coupon Discount (if any) <ul style="list-style-type: none"> • Does not appear for a Shipping Coupon |
| Order/ShipTo/ShipFrom/Appportionment/DiscountDetails/CustomerDiscount | No | 1 | Currency Node | Apportioned Customer Discount (if any) |
| Order/ShipTo/ShipFrom/Appportionment/DiscountDetails/SharingDiscount | No | 1 | Currency Node | Apportioned Sharing Discount (if any) |
| Order/ShipTo/ShipFrom/Appportionment/DiscountDetails/LoyaltyDiscount | No | 1 | Currency Node | Apportioned Loyalty Discount (if any) <ul style="list-style-type: none"> • Included if Customer Loyalty is applied as a discount (Settings/Site Options/Customer Loyalty in the OMS) |
| Order/ShipTo/ShipFrom/Appportionment/Gratuity | No | 1 | Currency Node | Apportioned Gratuity (if any) |
| Order/ShipTo/ShipFrom/Appportionment/GiftCertificateDiscount | No | 1 | Currency Node | Apportioned Gift Certificate Discount (if any) |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|-------------------|---|
| Order/ShipTo/ShipFrom/Appportionment/GiftCardDiscount | No | 1 | Currency Node | Apportioned Gift Card Discount (if any) |
| Order/ShipTo/ShipFrom/Appportionment/LoyaltyDiscount | No | 1 | Currency Node | Apportioned Loyalty Discount (if any) • Included if Customer Loyalty is applied as a payment (Settings/Site Options/Customer Loyalty in the OMS) |
| Order/ShipTo/ShipFrom/Appportionment/ShipTotal | No | 1 | Currency Node | Apportioned Shipping Rate (if defined) |
| Order/ShipTo/ShipFrom/Appportionment/SalesTaxTotal | No | 1 | Currency Node | Apportioned Sales Tax (if defined) |
| Order/ShipTo/ShipFrom/SegmentApportionment | No | 1 + | Container | Contains totals apportioned to a segment as if it were its own order • Only included when Split Order Processing (Settings/Site Options) is enabled in the OMS; the order has Segment Numbers; and the Order/OrderNo does <u>not</u> include an embedded Segment Number (via the SegmentsAsOrders node in the OrderQueryRequest) |
| Order/ShipTo/ShipFrom/SegmentApportionment@Segment | Yes* | 1 | Integer Attribute | Segment Number |
| Order/ShipTo/ShipFrom/SegmentApportionment/ApportionmentTotal | Yes* | 1 | Currency Node | Order Total apportioned to the segment |
| Order/ShipTo/ShipFrom/SegmentApportionment/LineItemTotal | Yes* | 1 | Currency Node | Line Item Total apportioned to the segment |
| Order/ShipTo/ShipFrom/SegmentApportionment/DiscountTotal | Yes* | 1 | Currency Node | Discount Total apportioned to the segment • Includes all discounts that apply after the Order Subtotal but before Sales Tax (i.e. Category, Order, Coupon, Customer, and Sharing discounts) • Includes Loyalty Discount if Customer Loyalty is applied as a discount (Settings/Site Options/Customer Loyalty in the OMS) |
| Order/ShipTo/ShipFrom/SegmentApportionment/DiscountDetails | No | 1 | Container | Contains details of the Discount Total (if any) |
| Order/ShipTo/ShipFrom/SegmentApportionment/DiscountDetails/CategoryDiscount | No | 1 + | Currency Node | Category Discount (if any) apportioned to the segment |
| Order/ShipTo/ShipFrom/SegmentApportionment/DiscountDetails/CategoryDiscount@Name | Yes* | 1 | Text Attribute | Category Name (for Category Discount) • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Order/ShipTo/ShipFrom/SegmentApportionment/DiscountDetails/OrderDiscount | No | 1 | Currency Node | Order Discount (if any) apportioned to the segment |
| Order/ShipTo/ShipFrom/SegmentApportionment/DiscountDetails/CouponDiscount | No | 1 | Currency Node | Coupon Discount (if any) apportioned to the segment • Does not appear for a Shipping Coupon |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|-------------------------------|---|
| Order/ShipTo/ShipFrom/SegmentApportionment/DiscountDetails/CustomerDiscount | No | 1 | Currency Node | Customer Discount (if any) apportioned to the segment |
| Order/ShipTo/ShipFrom/SegmentApportionment/DiscountDetails/SharingDiscount | No | 1 | Currency Node | Sharing Discount (if any) apportioned to the segment |
| Order/ShipTo/ShipFrom/SegmentApportionment/DiscountDetails/LoyaltyDiscount | No | 1 | Currency Node | Loyalty Discount (if any) apportioned to the segment • Included if Customer Loyalty is applied as a discount (Settings/Site Options/Customer Loyalty in the OMS) |
| Order/ShipTo/ShipFrom/SegmentApportionment/Gratuity | No | 1 | Currency Node | Gratuity (if any) apportioned to the segment |
| Order/ShipTo/ShipFrom/SegmentApportionment/GiftCertDiscount | No | 1 | Currency Node | Gift Certificate Discount (if any) apportioned to the segment |
| Order/ShipTo/ShipFrom/SegmentApportionment/GiftCardDiscount | No | 1 | Currency Node | Gift Card Discount (if any) apportioned to the segment |
| Order/ShipTo/ShipFrom/SegmentApportionment/LoyaltyDiscount | No | 1 | Currency Node | Loyalty Discount (if any) apportioned to the segment • Included if Customer Loyalty is applied as a payment (Settings/Site Options/Customer Loyalty in the OMS) |
| Order/ShipTo/ShipFrom/SegmentApportionment/ShipTotal | No | 1 | Currency Node | Shipping Rate (if defined) apportioned to the segment |
| Order/ShipTo/ShipFrom/SegmentApportionment/SalesTaxTotal | No | 1 | Currency Node | Sales Tax (if defined) apportioned to the segment |
| Order/Pickups | | | | For Pickup Orders |
| Order/Pickups/Pickup | No | 1 + | Container | |
| Order/Pickups/Pickup@Location | Yes* | 1 | Text Attribute (50 chars max) | Internal Name of Pickup Location |
| Order/Pickups/Pickup/Address | Yes | 1 | Container | |
| Order/Pickups/Pickup/Address/Name | Yes | 1 | Container | |
| Order/Pickups/Pickup/Address/Name/FirstName | Yes | 1 | Text Node (50 chars max) | Pickup Location Contact First Name |
| Order/Pickups/Pickup/Address/Name/LastName | Yes | 1 | Text Node (50 chars max) | Pickup Location Contact Last Name |
| Order/Pickups/Pickup/Address/CompanyName | No | 1 | Text Node (100 chars max) | Pickup Location Name |
| Order/Pickups/Pickup/Address/StreetAddress1 | Yes | 1 | Text Node (100 chars max) | Pickup Location Street Address (Line 1) |
| Order/Pickups/Pickup/Address/StreetAddress2 | No | 1 | Text Node (100 chars max) | Pickup Location Street Address (Line 2) |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|---|--|
| Order/Pickups/Pickup/Address/City | Yes | 1 | Text Node (50 chars max) | Pickup Location City |
| Order/Pickups/Pickup/Address/StateProvCode | No | 1 | Text Node (2 chars max) | Pickup Location State/Province Code |
| Order/Pickups/Pickup/Address/ZipPostalCode | Yes | 1 | Text Node (20 chars max) | Pickup Location Zip/Postal Code |
| Order/Pickups/Pickup/Address/CountryCode | Yes | 1 | Text Node (2 chars max) | Pickup Location Country Code |
| Order/Pickups/Pickup/Address/PhoneNumber | Yes | 1 | Text Node (50 chars max) | Pickup Location Phone Number |
| Order/Pickups/Pickup/Address/PhoneExt | No | 1 | Text Node (30 chars max) | Pickup Location Phone Extension |
| Order/Pickups/Pickup/SalesTaxRate | No | 1 | Percent Node | Sales Tax Rate charged (if defined) |
| Order/Pickups/Pickup/LineItem | Yes* | 1 + | Container | |
| Order/Pickups/Pickup/LineItem @Taxable | Yes* | 1 | Text Attribute (3 chars max) | Line Item is Taxable (Yes or No) |
| Order/Pickups/Pickup/LineItem/LineNo | Yes | 1 | Integer Node | Line Item Number (unique ID) |
| Order/Pickups/Pickup/LineItem/CustomField | No | 1 | Text/Integer/Numeric/Currency/Date Node | Line Item Custom Field Value • Node value depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/CustomField @Name | Yes* | 1 | Text Attribute (50 chars max) | Line Item Custom Field Name |
| Order/Pickups/Pickup/LineItem/CustomField @Type | Yes* | 1 | Text Attribute (16 chars max) | Line Item Custom Field Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/Segment | No | 1 | Integer Node | Line Item Segment Number • Only included when Split Order Processing (Settings/Site Options) is enabled in the OMS, and the order has Segment Numbers |
| Order/Pickups/Pickup/LineItem/LineProduct | Yes* | 1 | Container | |
| Order/Pickups/Pickup/LineItem/LineProduct/ProductNo | Yes* | 1 | Integer Node | Line Item Product Number |
| Order/Pickups/Pickup/LineItem/LineProduct/Product Name | Yes* | 1 | Text Node (100 chars max) | Line Item Product Name |
| Order/Pickups/Pickup/LineItem/LineProduct/ProductSKU | No | 1 | Text Node (50 chars max) | Line Item Product SKU |
| Order/Pickups/Pickup/LineItem/LineProduct/Vendor | No | 1 | Text Node (75 chars max) | Line Item Product Vendor Name |
| Order/Pickups/Pickup/LineItem/LineProduct/Vendor @No | Yes* | 1 | Integer Attribute | Line Item Product Vendor Number |
| Order/Pickups/Pickup/LineItem/LineProduct/Vendor @Code | No | 1 | Text Attribute (50 chars max) | Line Item Product Vendor Code |
| Order/Pickups/Pickup/LineItem/LineProduct/Attribute | No | 1 + | Text Node (50 chars max) | Line Item Attribute Value |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|----------------------------------|--|
| Order/Pickups/Pickup/LineItem/LineProduct/Attribute@Name | Yes* | 1 | Text Attribute (50 chars max) | Line Item Attribute Name |
| Order/Pickups/Pickup/LineItem/LineProduct/WriteIn | No | 1 + | Text Node (4000 chars max) | Line Item Write-In Attribute Value |
| Order/Pickups/Pickup/LineItem/LineProduct/WriteIn@Name | Yes* | 1 | Text Attribute (50 chars max) | Line Item Write-In Attribute Name |
| Order/Pickups/Pickup/LineItem/LineProduct/Category | Yes* | 1 | Text Node | Line Item Product Primary Category Name • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Order/Pickups/Pickup/LineItem/LineProduct/Category@No | Yes* | 1 | Integer Attribute | Line Item Product Primary Category Number |
| Order/Pickups/Pickup/LineItem/LineProduct/InventoryKit | No | 1 | Container | Inventory Kit Products/SKU's • Included if the Line Item contains an Inventory Kit |
| Order/Pickups/Pickup/LineItem/LineProduct/InventoryKit/KitProduct | Yes* | 1 + | Container | |
| Order/Pickups/Pickup/LineItem/LineProduct/InventoryKit/KitProduct@SKU | Yes* | 1 | Text Attribute | Inventory Kit Line Item SKU Number • Included if the Inventory Kit is defined as a SKU Level Inventory Kit |
| Order/Pickups/Pickup/LineItem/LineProduct/InventoryKit/KitProduct/Product | Yes* | 1 | Text Node | Inventory Kit Product Name |
| Order/Pickups/Pickup/LineItem/LineProduct/InventoryKit/KitProduct/Product@Level | Yes* | 1 | Text Attribute | Indicates whether the Inventory Kit Product is defined at the Product Level or the SKU Level |
| Order/Pickups/Pickup/LineItem/LineProduct/InventoryKit/KitProduct/SKU | No | 1 | Text Node | Inventory Kit Product SKU number • Included if a SKU number is defined for the Inventory Kit Product |
| Order/Pickups/Pickup/LineItem/LineProduct/InventoryKit/KitProduct/Attribute | No | 1 + | Text Node | Inventory Kit Product Attribute Value • Included if the Inventory Kit Product is defined at the SKU Level |
| Order/Pickups/Pickup/LineItem/LineProduct/InventoryKit/KitProduct/Attribute@Name | Yes* | 1 | Text Attribute | Inventory Kit Product Attribute Name • Included if the Inventory Kit Product is defined at the SKU Level |
| Order/Pickups/Pickup/LineItem/LineProduct/InventoryKit/KitProduct/Category | Yes* | 1 | Text Node | Inventory Kit Product Primary Category Name • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Order/Pickups/Pickup/LineItem/LineProduct/InventoryKit/KitProduct/Category@No | Yes* | 1 | Integer Attribute | Inventory Kit Product Primary Category Number |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|---|--|
| Order/Pickups/Pickup/LineItem/LineProduct/InventoryKit/KitProduct/Inventory | No | 1 | Integer Node | Inventory Kit Product Inventory Value • Included only if Inventory Control is enabled at Settings/Site Options/Inventory Control in the OMS |
| Order/Pickups/Pickup/LineItem/LineProduct/InventoryKit/KitProduct/Quantity | Yes* | 1 | Integer Node | Inventory Kit Product Quantity Value |
| Order/Pickups/Pickup/LineItem/LineProduct/VinNow | No | 1 | Container | Included only if integrated with VinNow (Settings/Compatible Software/VinNow in the OMS) |
| Order/Pickups/Pickup/LineItem/LineProduct/VinNow/Key | No | 1 | Text Attribute (50 chars max) | VinNow SKU-level Product Key |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField1 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #1 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField1 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #1 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField1 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #1 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField2 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #2 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField2 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #2 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField2 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #2 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField3 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #3 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField3 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #3 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField3 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #3 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField4 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #4 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField4 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #4 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField4 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #4 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField5 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #5 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField5 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #5 Name |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|---|---|
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField5 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #5 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField6 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #6 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField6 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #6 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField6 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #6 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField7 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #7 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField7 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #7 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField7 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #7 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField8 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #8 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField8 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #8 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField8 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #8 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField9 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #9 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField9 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #9 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField9 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #9 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField10 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #10 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField10 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #10 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField10 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #10 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField11 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #11 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField11 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #11 Name |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|---|---|
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField11 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #11 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField12 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #12 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField12 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #12 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField12 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #12 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField13 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #13 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField13 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #13 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField13 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #13 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField14 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #14 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField14 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #14 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField14 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #14 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField15 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #15 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField15 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #15 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField15 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #15 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField16 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #16 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField16 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #16 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField16 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #16 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField17 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #17 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField17 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #17 Name |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|---|--|
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField17 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #17 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField18 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #18 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField18 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #18 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField18 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #18 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField19 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #19 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField19 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #19 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField19 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #19 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField20 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #20 Value • Node Type depends on Field Type of Custom Field |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField20 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #20 Name |
| Order/Pickups/Pickup/LineItem/LineProduct/CustomField20 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #20 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Order/Pickups/Pickup/LineItem/Quantity | Yes* | 1 | Integer Node | Line Item Quantity |
| Order/Pickups/Pickup/LineItem/RequiredQuantity | No | 1 | Integer Node | Required Quantity • Included only for Pending Orders, and only if the line item is required |
| Order/Pickups/Pickup/LineItem/UnitWeight | Yes* | 1 | Numeric Node | Line Item Unit Weight, in pounds • Included if the Weight has been defined for the Line Item Product |
| Order/Pickups/Pickup/LineItem/TotalWeight | Yes* | 1 | Numeric Node | Line Item Total Weight, in pounds • Value is Line Item Quantity multiplied by Line Item Unit Weight • Included if the Line Item Unit Weight contains a value greater than zero |
| Order/Pickups/Pickup/LineItem/LineStatus | Yes* | 1 | Text Node (17 chars max) | Line Item Status (Not Ready, In Process, Ready, Picked Up, Backordered, Preordered, Canceled, or Return-Customer) |
| Order/Pickups/Pickup/LineItem/UnitPrice | Yes* | 1 | Currency Node | Line Item Unit Price • Always 0.00 for Canceled line items |
| Order/Pickups/Pickup/LineItem/ExtPrice | Yes* | 1 | Currency Node | Line Item Extended Price (Unit Price * Quantity) • Always 0.00 for Canceled line items |
| Order/Pickups/Pickup/LineItem/PickupDate | No | 1 | Container | For line items that have been Picked Up |
| Order/Pickups/Pickup/LineItem/PickupDate/DateTime | Yes* | 1 | Container | |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|--------------------------|---|
| Order/Pickups/Pickup/Line Item/PickupDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Line Item Pickup Date |
| Order/Pickups/Pickup/Line Item/PickedUpBy | No | 1 | Text Node (50 chars max) | First and Last Name of the Customer or Trustee that signed for the Order or Order Line Item • Included only if the Customer or the Trustee signed for the Order or Order Line Item when it was picked up |
| Order/Pickups/Pickup/Line Item/ReviewReminder | No | 1 | Container | Included only if Use Review Reminders is enabled in Reviews/Setup/Review Reminders in the OMS and a Review Reminder has been sent |
| Order/Pickups/Pickup/Line Item/ReviewReminder/DateTime | Yes* | 1 | Container | |
| Order/Pickups/Pickup/Line Item/ReviewReminder/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Review Reminder Sent Date |
| Order/Pickups/Pickup/Line Item/VinNow | No | 1 | Container | Included only if integrated with VinNow (Settings/Compatible Software/VinNow in the OMS) |
| Order/Pickups/Pickup/Line Item/VinNow/ProductKey | No | 1 | Text Node (50 chars max) | VinNow Product Key |
| Order/Pickups/Pickup/Line Item/VinNow/BrandKey | No | 1 | Text Node (50 chars max) | VinNow Brand Key |
| Order/Pickups/Pickup/Line Item/Parent | No | 1 | Empty Node | Indicates Parent Line Item (for split line items) |
| Order/Pickups/Pickup/Line Item/Child | No | 1 | Empty Node | Indicates Child Line Item (for split line items) |
| Order/Pickups/Pickup/ExpectedPickupDate | No | 1 | Container | For line items that have an Expected Pickup Date |
| Order/Pickups/Pickup/ExpectedPickupDate/DateTime | Yes* | 1 | Container | |
| Order/Pickups/Pickup/ExpectedPickupDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Line Item Expected Pickup Date |
| Order/Pickups/Pickup/Apportionment | Yes | 1 | Container | Contains totals apportioned to the Pickup Location as if it were its own order |
| Order/Pickups/Pickup/Apportionment/ApportionmentTotal | Yes | 1 | Currency Node | Apportioned Order Total |
| Order/Pickups/Pickup/Apportionment/LineItemTotal | Yes | 1 | Currency Node | Apportioned Line Item Total |
| Order/Pickups/Pickup/Apportionment/DiscountTotal | Yes | 1 | Currency Node | Apportioned Discount Total • Includes all discounts that apply after the Order Subtotal but before Sales Tax (i.e. Category, Order, Coupon, Customer, and Sharing discounts) |
| Order/Pickups/Pickup/Apportionment/DiscountDetails | No | 1 | Container | Contains details of the Discount Total (if any) |
| Order/Pickups/Pickup/Apportionment/DiscountDetails/CategoryDiscount | No | 1 + | Currency Node | Apportioned Category Discount (if any) |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|-------------------|--|
| Order/Pickups/Pickup/ Apportionment/DiscountDetails/CategoryDiscount @Name | Yes* | 1 | Text Attribute | Category Name (for Category Discount) • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Order/Pickups/Pickup/ Apportionment/DiscountDetails/OrderDiscount | No | 1 | Currency Node | Apportioned Order Discount (if any) |
| Order/Pickups/Pickup/ Apportionment/DiscountDetails/CouponDiscount | No | 1 | Currency Node | Apportioned Coupon Discount (if any) • Does not appear for a Shipping Coupon |
| Order/Pickups/Pickup/ Apportionment/DiscountDetails/CustomerDiscount | No | 1 | Currency Node | Apportioned Customer Discount (if any) |
| Order/Pickups/Pickup/ Apportionment/DiscountDetails/SharingDiscount | No | 1 | Currency Node | Apportioned Sharing Discount (if any) |
| Order/Pickups/Pickup/ Apportionment/DiscountDetails/LoyaltyDiscount | No | 1 | Currency Node | Apportioned Loyalty Discount (if any) • Included if Customer Loyalty is applied as a discount (Settings/Site Options/Customer Loyalty in the OMS) |
| Order/Pickups/Pickup/ Apportionment/Gratuity | No | 1 | Currency Node | Apportioned Gratuity (if any) |
| Order/Pickups/Pickup/ Apportionment/GiftCertDiscount | No | 1 | Currency Node | Apportioned Gift Certificate Discount (if any) |
| Order/Pickups/Pickup/ Apportionment/GiftCardDiscount | No | 1 | Currency Node | Apportioned Gift Card Discount (if any) |
| Order/Pickups/Pickup/ Apportionment/LoyaltyDiscount | No | 1 | Currency Node | Apportioned Loyalty Discount (if any) • Included if Customer Loyalty is applied as a payment (Settings/Site Options/Customer Loyalty in the OMS) |
| Order/Pickups/Pickup/ Apportionment/SalesTaxTotal | No | 1 | Currency Node | Apportioned Sales Tax (if defined) |
| Order/Pickups/Pickup/ SegmentApportionment | No | 1 + | Container | Contains totals apportioned to a segment as if it were its own order • Only included when Split Order Processing (Settings/Site Options) is enabled in the OMS; the order has Segment Numbers; and the Order/OrderNo does not include an embedded Segment Number (via the SegmentsAsOrders node in the OrderQueryRequest) |
| Order/Pickups/Pickup/ SegmentApportionment @Segment | Yes* | 1 | Integer Attribute | |
| Order/Pickups/Pickup/ SegmentApportionment/ ApportionmentTotal | Yes* | 1 | Currency Node | Order Total apportioned to the segment |
| Order/Pickups/Pickup/ SegmentApportionment/ LineItemTotal | Yes* | 1 | Currency Node | Line Item Total apportioned to the segment |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|----------------|---|
| Order/Pickups/Pickup/SegmentApportionment/DiscountTotal | Yes* | 1 | Currency Node | Discount Total apportioned to the segment <ul style="list-style-type: none"> Includes all discounts that that apply after the Order Subtotal but before Sales Tax (i.e. Category, Order, Coupon, Customer, and Sharing discounts) Includes Loyalty Discount if Customer Loyalty is applied as a discount (Settings/Site Options/Customer Loyalty in the OMS) |
| Order/Pickups/Pickup/SegmentApportionment/DiscountDetails | No | 1 | Container | Contains details of the Discount Total (if any) |
| Order/Pickups/Pickup/SegmentApportionment/DiscountDetails/CategoryDiscount | No | 1 + | Currency Node | Category Discount (if any) apportioned to the segment |
| Order/Pickups/Pickup/SegmentApportionment/DiscountDetails/CategoryDiscount @Name | Yes* | 1 | Text Attribute | Category Name (for Category Discount) <ul style="list-style-type: none"> Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Order/Pickups/Pickup/SegmentApportionment/DiscountDetails/OrderDiscount | No | 1 | Currency Node | Order Discount (if any) apportioned to the segment |
| Order/Pickups/Pickup/SegmentApportionment/DiscountDetails/CouponDiscount | No | 1 | Currency Node | Coupon Discount (if any) apportioned to the segment <ul style="list-style-type: none"> Does not appear for a Shipping Coupon |
| Order/Pickups/Pickup/SegmentApportionment/DiscountDetails/CustomerDiscount | No | 1 | Currency Node | Customer Discount (if any) apportioned to the segment |
| Order/Pickups/Pickup/SegmentApportionment/DiscountDetails/SharingDiscount | No | 1 | Currency Node | Sharing Discount (if any) apportioned to the segment |
| Order/Pickups/Pickup/SegmentApportionment/DiscountDetails/LoyaltyDiscount | No | 1 | Currency Node | Loyalty Discount (if any) apportioned to the segment <ul style="list-style-type: none"> Included if Customer Loyalty is applied as a discount (Settings/Site Options/Customer Loyalty in the OMS) |
| Order/Pickups/Pickup/SegmentApportionment/Gratuity | No | 1 | Currency Node | Gratuity (if any) apportioned to the segment |
| Order/Pickups/Pickup/SegmentApportionment/GiftCertificateDiscount | No | 1 | Currency Node | Gift Certificate Discount (if any) apportioned to the segment |
| Order/Pickups/Pickup/SegmentApportionment/GiftCardDiscount | No | 1 | Currency Node | Gift Card Discount (if any) apportioned to the segment |
| Order/Pickups/Pickup/SegmentApportionment/LoyaltyDiscount | No | 1 | Currency Node | Loyalty Discount (if any) apportioned to the segment <ul style="list-style-type: none"> Included if Customer Loyalty is applied as a payment (Settings/Site Options/Customer Loyalty in the OMS) |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|-------------------------------|--|
| Order/Pickups/Pickup/SegmentApportionment/SalesTaxTotal | No | 1 | Currency Node | Sales Tax (if defined) apportioned to the segment |
| Order/Discounts | No | 1 | Container | For Product Orders, if discounts are present |
| Order/Discounts @Taxable | Yes | 1 | Text Attribute (3 chars max) | Discounts are Taxable (Yes or No) |
| Order/Discounts/Category Discount | No | 1 + | Currency Node | Category Discount Amount |
| Order/Discounts/Category Discount @Name | Yes* | 1 | Text Attribute | Category Name (for Category Discount) • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Order/Discounts/Category Discount @SKU | No | 1 | Text Attribute (20 chars max) | Category Discount Export SKU • Included if the Category Discounts field is specified at Orders/Export/Excel & Access Preferences/Export SKUs in the OMS |
| Order/Discounts/OrderDiscount | No | 1 | Currency Node | Order Discount Amount |
| Order/Discounts/Order Discount @SKU | No | 1 | Text Attribute (20 chars max) | Order Discount Export SKU • Included if the Order Discounts field is specified at Orders/Export/Excel & Access Preferences/Export SKUs in the OMS |
| Order/Discounts/CouponDiscount | No | 1 | Currency Node | Coupon Discount Amount • Does not appear for a Shipping Coupon |
| Order/Discounts/CouponDiscount @Code | Yes* | 1 | Text Attribute (50 chars max) | Coupon Code (for Coupon Discount) |
| Order/Discounts/CouponDiscount @SKU | No | 1 | Text Attribute (20 chars max) | Coupon Discount Export SKU • Included if the Coupon Discounts field is specified at Orders/Export/Excel & Access Preferences/Export SKUs in the OMS |
| Order/Discounts/Customer Discount | No | 1 | Currency Node | Customer Discount Amount |
| Order/Discounts/Customer Discount @Percent | Yes* | 1 | Percent Attribute | Customer Discount Percent |
| Order/Discounts/Customer Discount @SKU | No | 1 | Text Attribute (20 chars max) | Customer Discount Export SKU • Included if the Customer Discounts field is specified at Orders/Export/Excel & Access Preferences/Export SKUs in the OMS |
| Order/Discounts/SharingDiscount | No | 1 | Currency Node | Sharing Discount Amount |
| Order/Discounts/SharingDiscount @SKU | No | 1 | Text Attribute (20 chars max) | Sharing Discount Export SKU • Included if the Sharing Discounts field is specified at Orders/Export/Excel & Access Preferences/Export SKUs in the OMS |
| Order/Discounts/GiftCertificateDiscount | No | 1 | Currency Node | Gift Certificate Discount Amount • The Category @Taxable attribute does not apply to Gift Certificates |
| Order/Discounts/GiftCertificateDiscount @Code | Yes* | 1 | Text Attribute (20 chars max) | Gift Certificate Code (for Gift Certificate Discount) |
| Order/Discounts/GiftCertificateDiscount @SKU | No | 1 | Text Attribute (20 chars max) | Gift Certificate Discount Export SKU • Included if the Gift Certificate Discounts field is specified at Orders/Export/Excel & Access Preferences/Export SKUs in the OMS |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|-------------------------------|---|
| Order/Discounts/GiftCard Discount | No | 1 | Currency Node | FlexCache Gift Card Discount Amount |
| Order/Discounts/GiftCard Discount @No | Yes* | 1 | Text Attribute (19 chars max) | FlexCache Gift Card Number (for FlexCache Gift Card Discount) |
| Order/Discounts/GiftCard Discount @PIN | No | 1 | Text Attribute (4 chars max) | FlexCache Gift Card PIN (for FlexCache Gift Card Discount) |
| Order/Discounts/GiftCard Discount @SKU | No | 1 | Text Attribute (20 chars max) | Gift Card Discount Export SKU • Included if the Gift Card Discount field is specified at Orders/Export/Excel & Access Preferences/Export SKUs in the OMS |
| Order/Discounts/LoyaltyDiscount | No | 1 | Currency Node | Loyalty Discount Amount |
| Order/Discounts/LoyaltyDiscount @SKU | No | 1 | Text Attribute (20 chars max) | Loyalty Discount Export SKU • Included if the Loyalty Discount field is specified at Orders/Export/Excel & Access Preferences/Export SKUs in the OMS |
| Order/Gratuity | No | 1 | Currency Node | Gratuity Amount |
| Order/Gratuity @SKU | No | 1 | Text Attribute (20 chars max) | Gratuity Export SKU • Included if the Gratuities field is specified at Orders/Export/Excel & Access Preferences/Export SKUs in the OMS |
| Order/ShipRate | No | 1 | Currency Node | Total Shipping Rate (for Product orders, if defined) |
| Order/ShipRate @CouponCode | No | 1 | Text Attribute (50 chars max) | Shipping Coupon Code |
| Order/SalesTax | No | 1 | Container | For Sales Tax charged |
| Order/SalesTax/SalesTaxTotal | Yes* | 1 | Currency Node | Total Sales Tax (for Product orders, if defined) |
| Order/SalesTax/SalesTaxTotal @SKU | No | 1 | Text Attribute | Sales Tax Total Export SKU • Included if the Sales Tax field is specified at Orders/Export/Excel & Access Preferences/Export SKUs in the OMS |
| Order/SalesTax/SalesTaxJurisdiction | No | 1 + | Container | For breaking down Sales Tax by jurisdiction |
| Order/SalesTax/SalesTaxJurisdiction/CountryCode | Yes* | 1 | Text Node (2 chars max) | Country Code for sales tax jurisdiction |
| Order/SalesTax/SalesTaxJurisdiction/StateProvCode | No | 1 | Text Node (2 chars max) | State/Province Code for sales tax jurisdiction |
| Order/SalesTax/SalesTaxJurisdiction/County | No | 1 | Text Node (50 chars max) | County for sales tax jurisdiction (via third party sales tax data) • Included for US sales tax jurisdictions only |
| Order/SalesTax/SalesTaxJurisdiction/City | No | 1 | Text Node (50 chars max) | City for sales tax jurisdiction (via third party sales tax data) • Included for US sales tax jurisdictions only |
| Order/SalesTax/SalesTaxJurisdiction/TaxableTotal | Yes* | 1 | Currency Node | Taxable Total in sales tax jurisdiction |
| Order/SalesTax/SalesTaxJurisdiction/SalesTaxRate | Yes* | 1 | Percent Node | Sales Tax Rate in sales tax jurisdiction |
| Order/SalesTax/SalesTaxJurisdiction/SalesTaxAmount | Yes* | 1 | Currency Node | Sales Tax charged in sales tax jurisdiction |
| Order/GiftCert | No | 1 + | Container | For Gift Certificate Orders |
| Order/GiftCert/GiftCertCode | Yes* | 1 | Text Node (20 chars max) | Gift Certificate Code |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|---------------------------|--|
| Order/GiftCert/GiftCertRecipient | Yes* | 1 | Container | |
| Order/GiftCert/GiftCertRecipient/Name | Yes* | 1 | Container | |
| Order/GiftCert/GiftCertRecipient/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Recipient First Name |
| Order/GiftCert/GiftCertRecipient/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Recipient Last Name |
| Order/GiftCert/GiftCertRecipient/Email | Yes* | 1 | Text Node (50 chars max) | Recipient E-Mail Address |
| Order/GiftCert/Category | No | 1 | Text Node | Gift Certificate Category Name (if any) • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Order/GiftCert/Category@No | Yes* | 1 | Integer Attribute | Gift Certificate Category Number |
| Order/GiftCert/GiftCertStatus | Yes* | 1 | Text Node (8 chars max) | Gift Certificate Status (Unsent, Sent, or Canceled) |
| Order/GiftCert/SendDate | No | 1 | Container | For Sent gift certificates |
| Order/GiftCert/SendDate/DateTime | Yes* | 1 | Container | |
| Order/GiftCert/SendDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Gift Certificate Send Date |
| Order/GiftCert/GiftCertExpDate | No | 1 | Container | For Sent gift certificates |
| Order/GiftCert/GiftCertExpDate/DateTime | Yes* | 1 | Container | |
| Order/GiftCert/GiftCertExpDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Gift Certificate Expiration Date |
| Order/GiftCert/GiftCertAmount | Yes* | 1 | Currency Node | Gift Certificate Amount • Always 0.00 for Canceled gift certificates |
| Order/GiftCert/GiftCertAmount@SKU | No | 1 | Text Attribute | Gift Certificate Export SKU • Included if the Gift Certificate Sales field is specified at Orders/Export/Excel & Access Preferences/Export SKUs in the OMS |
| Order/GiftCert/GiftCertMessage | No | 1 | Text Node | Gift Certificate Message (if provided) |
| Order/Tags | No | 1 | Container | For orders with Tags |
| Order/Tags/Tag | Yes* | 1 + | Text Node | Individual Tag |
| Order/Affiliate | No | 1 | Container | For orders with an associated Affiliate |
| Order/Affiliate/AffiliateCategory | No | 1 | Text Node (100 chars max) | Affiliate Category (if applicable) |
| Order/Affiliate/AffiliateName | Yes* | 1 | Text Node (100 chars max) | Affiliate Name |
| Order/Affiliate/Commission | Yes* | 1 | Currency Node | Affiliate Commission |
| Order/Currency | No | 1 | Container | For orders in which a foreign currency (i.e. a currency other than the United States Dollar) has been selected by the customer |
| Order/Currency/CurrencyName | Yes* | 1 | Text Node (100 chars max) | Foreign Currency Name (e.g. Japanese Yen) |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|--------------------------|---|
| Order/Currency/CurrencyCode | Yes* | 1 | Text Node (3 chars max) | ISO Code for foreign currency (e.g. JPY) |
| Order/Currency/ExchangeRate | Yes* | 1 | Numeric Node | Exchange Rate, in units of foreign currency per United States Dollar |
| Order/Currency/OrderAmount | Yes* | 1 | Currency Node | Order Total Amount in units of foreign currency |
| Order/Currency/BillInCurrency | No | 1 | Empty Node | Order was billed in this currency |
| Order/CreditCardTransaction | No | 1 + | Container | For a Credit Card Transaction • Included only if the IncludeTransactions node is present in the OrderQueryRequest, and the order includes Credit Card Transactions |
| Order/CreditCardTransaction/TransactionDate | Yes* | 1 | Container | |
| Order/CreditCardTransaction/TransactionDate/DateTime | Yes* | 1 | Container | |
| Order/CreditCardTransaction/TransactionDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Transaction Date |
| Order/CreditCardTransaction/TransactionDate/DateTime/Time | Yes* | 1 | Time Node (hh:mm) | Order Time (default value: 00:00) |
| Order/CreditCardTransaction/TransactionType | Yes* | 1 | Text Node (18 chars max) | Transaction Type (Auth Only, Auth Capture, Prior Auth Capture, Refund, or Void) |
| Order/CreditCardTransaction/GatewayOrderNo | Yes* | 1 | Integer Node | Gateway Order Number |
| Order/CreditCardTransaction/TransactionStatus | Yes* | 1 | Text Node (8 chars max) | Transaction Status (Success, Declined, or Error) |
| Order/CreditCardTransaction/PendingReview | No | 1 | Empty Node | Transaction is pending review (only possible when TransactionStatus is "Success") |
| Order/CreditCardTransaction/TransactionNotes | No | 1 | Text Node | Notes on the Transaction (from the Gateway) |
| Order/CreditCardTransaction/TransactionNo | Yes* | 1 | Text Node (50 chars max) | Transaction Number (from the Gateway) |
| Order/CreditCardTransaction/AuthorizationCode | No | 1 | Text Node (6 chars max) | Authorization Code (from the Gateway) |
| Order/CreditCardTransaction/AVSCode | No | 1 | Text Node (1 char) | Address Verification Service (AVS) Code (from the Gateway) |
| Order/CreditCardTransaction/CreditCard | Yes* | 1 | Container | |
| Order/CreditCardTransaction/CreditCard/CreditCardType | Yes* | 1 | Text Node (16 chars max) | Credit Card Type (Visa, MasterCard, American Express, Diners Club, Discover, enRoute, or JCB) |
| Order/CreditCardTransaction/CreditCard/CreditCardNumber | No | 1 | Text Node (16 chars max) | Credit Card Number •Entire number included only if the Full CC Access option (Settings/Site Options in the OMS) is on |
| Order/CreditCardTransaction/CreditCard/CreditCardExpDate | Yes* | 1 | Date Node (mm/yyyy) | Credit Card Expiration Date |
| Order/CreditCardTransaction/AmountAttempted | Yes* | 1 | Currency Node | Amount Attempted (negative values allowed) |
| Order/CreditCardTransaction/AmountAuthorized | Yes* | 1 | Currency Node | Amount Authorized (negative values allowed) |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|--------------------------|---|
| Order/CreditCardTransaction/AmountCaptured | Yes* | 1 | Currency Node | Amount Captured (negative values allowed) |
| Order/GiftCardTransaction | No | 1 + | Container | For a FlexCache Gift Card Transaction • Included only if the IncludeTransactions node is present in the OrderQueryRequest, and the order includes FlexCache Gift Card Transactions |
| Order/GiftCardTransaction/TransactionDate | Yes* | 1 | Container | |
| Order/GiftCardTransaction/TransactionDate/DateTime | Yes* | 1 | Container | |
| Order/GiftCardTransaction/TransactionDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Transaction Date |
| Order/GiftCardTransaction/TransactionType | Yes* | 1 | Text Node (10 chars max) | Transaction Type (Redemption, Refund, Reversal, Activate, DeActivate, ReActivate, or Add Value) |
| Order/GiftCardTransaction/FlexCacheOrderNo | Yes* | 1 | Integer Node | FlexCache Order Number |
| Order/GiftCardTransaction/TransactionStatus | Yes* | 1 | Text Node (8 chars max) | Transaction Status (Success, Declined, or Error) |
| Order/GiftCardTransaction/TransactionNotes | No | 1 | Text Node | Notes on the Transaction (from FlexCache) |
| Order/GiftCardTransaction/TransactionNo | Yes* | 1 | Text Node (50 chars max) | Transaction Number (from FlexCache) |
| Order/GiftCardTransaction/AuthorizationCode | No | 1 | Text Node (6 chars max) | Authorization Code (from FlexCache) |
| Order/GiftCardTransaction/PINResponse | No | 1 | Text Node (1 char) | PIN Validation Response Code (from FlexCache) |
| Order/GiftCardTransaction/GiftCard | Yes* | 1 | Container | |
| Order/GiftCardTransaction/GiftCard/GiftCardNumber | Yes* | 1 | Text Node (19 chars max) | FlexCache Gift Card Number |
| Order/GiftCardTransaction/GiftCard/GiftCardPIN | Yes* | 1 | Text Node (4 chars max) | FlexCache Gift Card PIN |
| Order/GiftCardTransaction/AmountAttempted | Yes* | 1 | Currency Node | Amount Attempted (negative values allowed) |
| Order/GiftCardTransaction/ValueRedeemed | Yes* | 1 | Currency Node | Value Redeemed (negative values allowed) |
| Order/GiftCardTransaction/ValueAdded | Yes* | 1 | Currency Node | Value Added (negative values allowed) |
| Order/GiftCardTransaction/FinalBalance | No | 1 | Currency Node | Gift Card Balance After Transaction (successful transactions only) |
| Order/Integration/NextPage | No | 1 | Container | See External Mapping for more information |
| | No | 1 | Empty Node | Indicates the existence of a subsequent page of orders |

OrderQueryRequest Example (without CurrentStatus node)

```

<?xml version="1.0" encoding="utf-8" ?>
<OrderQueryRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <Key>Nk5\#/K#0: {!C:SfqVs0</Key>

```

```

</Credentials>
<OrderNoRange>
  <OrderNoStart>102309</OrderNoStart>
  <OrderNoEnd>102309</OrderNoEnd>
</OrderNoRange>
<Page>1</Page>
</OrderQueryRequest>

```

OrderQueryReply Example (without CurrentStatus node)

```

<?xml version="1.0" encoding="utf-8" ?>
<OrderQueryReply AccountName="fairway" Page="1">
  <Order>
    <OrderNo>102309</OrderNo>
    <OrderDate>
      <DateTime>
        <Date>09/22/2000</Date>
        <Time>17:54</Time>
      </DateTime>
    </OrderDate>
    <OrderType>Product</OrderType>
    <Customer>
      <CustomerNo>1</CustomerNo>
      <Email>ookoshi @bellsouth.net</Email>
      <Address Type="Residential">
        <Name>
          <FirstName>Roy</FirstName>
          <LastName>McKutchen</LastName>
        </Name>
        <StreetAddress1>567 Shaker Lane</StreetAddress1>
        <City>New Canaan</City>
        <StateProvCode>CT</StateProvCode>
        <ZipPostalCode>06840</ZipPostalCode>
        <CountryCode>US</CountryCode>
        <PhoneNumber>517 453 2432</PhoneNumber>
      </Address>
      <CustomerType>Consumer</CustomerType>
    </Customer>
    <OrderStatus>Shipped</OrderStatus>
    <ShipDate>
      <DateTime>
        <Date>09/22/2000</Date>
      </DateTime>
    </ShipDate>
    <BillingStatus>Paid</BillingStatus>
    <OrderAmount>846.66</OrderAmount>
    <OrderNet>795.90</OrderNet>
    <BillTo>
      <Address Type="Residential">
        <Name>
          <FirstName>Roy</FirstName>
          <LastName>McKutchen</LastName>
        </Name>
        <StreetAddress1>567 Shaker Lane</StreetAddress1>
        <City>Springfield</City>
        <StateProvCode>CT</StateProvCode>

```

```

    <ZipPostalCode>06789</ZipPostalCode>
    <CountryCode>US</CountryCode>
    <PhoneNumber>517 453 2432</PhoneNumber>
  </Address>
</BillTo>
<Payment>
  <PaymentMethod>Credit Card</PaymentMethod>
  <CreditCard>
    <CreditCardType>Visa</CreditCardType>
    <CreditCardNumber>xxxxxxxxxxx1111</CreditCardNumber>
    <CreditCardExpDate>09/2025</CreditCardExpDate>
  </CreditCard>
</Payment>
<PlacedBy>Internet</PlacedBy>
<LastUpd>
  <DateTime>
    <Date>12/27/2000</Date>
    <Time>14:38</Time>
  </DateTime>
</LastUpd>
<LastUpdBy>
  <Name>
    <FirstName>Demonstration</FirstName>
    <LastName>User</LastName>
  </Name>
</LastUpdBy>
<ShipTo>
  <Address Type="Residential">
    <Name>
      <FirstName>Roy</FirstName>
      <LastName>McKutchen</LastName>
    </Name>
    <StreetAddress1>567 Shaker Lane</StreetAddress1>
    <City>Springfield</City>
    <StateProvCode>CT</StateProvCode>
    <ZipPostalCode>06789</ZipPostalCode>
    <CountryCode>US</CountryCode>
    <PhoneNumber>517 453 2432</PhoneNumber>
  </Address>
  <SalesTaxRate>6</SalesTaxRate>
  <ShipFrom Name="FirstFairway">
    <LineItem>
      <LineNo>27</LineNo>
      <LineProduct>
        <ProductNo>15</ProductNo>
        <ProductName>Ashworth Microfiber Golf Shorts</ProductName>
        <Attribute Name="Size">Small</Attribute>
        <Attribute Name="Color">Blue</Attribute>
      </LineProduct>
      <Quantity>1</Quantity>
      <LineStatus>Shipped</LineStatus>
      <UnitPrice>69.99</UnitPrice>
      <ExtPrice>69.99</ExtPrice>
      <ShipDate>
        <DateTime>
          <Date>12/27/2000</Date>

```

```

    </DateTime>
  </ShipDate>
</LineItem>
<LineItem>
  <LineNo>28</LineNo>
  <LineProduct>
    <ProductNo>9</ProductNo>
    <ProductName>British Open Towel</ProductName>
  </LineProduct>
  <Quantity>3</Quantity>
  <LineStatus>Shipped</LineStatus>
  <UnitPrice>39.99</UnitPrice>
  <ExtPrice>119.97</ExtPrice>
  <ShipDate>
    <DateTime>
      <Date>12/27/2000</Date>
    </DateTime>
  </ShipDate>
</LineItem>
<LineItem>
  <LineNo>29</LineNo>
  <LineProduct>
    <ProductNo>10</ProductNo>
    <ProductName>Nike Course Umbrella</ProductName>
  </LineProduct>
  <Quantity>1</Quantity>
  <LineStatus>Shipped</LineStatus>
  <UnitPrice>39.99</UnitPrice>
  <ExtPrice>39.99</ExtPrice>
  <ShipDate>
    <DateTime>
      <Date>12/27/2000</Date>
    </DateTime>
  </ShipDate>
</LineItem>
<LineItem>
  <LineNo>30</LineNo>
  <LineProduct>
    <ProductNo>8</ProductNo>
    <ProductName>Access Proslim Tees</ProductName>
  </LineProduct>
  <Quantity>2</Quantity>
  <LineStatus>Shipped</LineStatus>
  <UnitPrice>7.99</UnitPrice>
  <ExtPrice>15.98</ExtPrice>
  <ShipDate>
    <DateTime>
      <Date>12/27/2000</Date>
    </DateTime>
  </ShipDate>
</LineItem>
<LineItem>
  <LineNo>31</LineNo>
  <LineProduct>
    <ProductNo>11</ProductNo>
    <ProductName>Swiss Army Golfer Knife</ProductName>

```

```

</LineProduct>
<Quantity>2</Quantity>
<LineStatus>Shipped</LineStatus>
<UnitPrice>49.99</UnitPrice>
<ExtPrice>99.98</ExtPrice>
<ShipDate>
  <DateTime>
    <Date>12/27/2000</Date>
  </DateTime>
</ShipDate>
</LineItem>
<LineItem>
  <LineNo>32</LineNo>
  <LineProduct>
    <ProductNo>17</ProductNo>
    <ProductName>Great Big Bertha Hawk Eye Strong 3</ProductName>
  </LineProduct>
  <Quantity>1</Quantity>
  <LineStatus>Shipped</LineStatus>
  <UnitPrice>449.99</UnitPrice>
  <ExtPrice>449.99</ExtPrice>
  <ShipDate>
    <DateTime>
      <Date>12/27/2000</Date>
    </DateTime>
  </ShipDate>
  </LineItem>
  <ShipMethod Shipper="UPS">UPS Ground</ShipMethod>
  <ShipRate>3.00</ShipRate>
</ShipFrom>
</ShipTo>
<ShipRate>3.00</ShipRate>
<SalesTax>
  <SalesTaxTotal>47.75</ SalesTaxTotal >
  <SalesTaxState StateProvCode="CT">47.75</ SalesTaxState>
</SalesTax>
</Order>
</OrderQueryReply>

```

OrderQueryReply Schema (with CurrentStatus node)

| Element Xpath | Always | Occurs | Type | Description |
|---------------|--------|--------|--------------------------|---|
| @AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| @Page | Yes | 1 | Integer Attribute | Page number of query results |
| CurrentStatus | Yes | 1 | Container | Current Status of Orders that fall within the specified query range <ul style="list-style-type: none"> • Included only if a query range is specified and the CurrentStatus node is present in the OrderQueryRequest |

| Element Xpath | Always | Occurs | Type | Description |
|------------------------------------|---------------|---------------|-------------------------------|--|
| CurrentStatus/Order | Yes | 1 - 2000 | Text Node (20 chars max) | Order Status <ul style="list-style-type: none"> • Product Orders: Unshipped, In Process, Shipped, Pending, Backordered, Preordered, Canceled, Return-Ship Agent, Return-Customer, Shipped-Partial, Other-See Line Items, or Not Found • Pickup Orders: Not Ready, In Process, Ready, Picked Up, Backordered, Preordered, Return-Customer, or Not Found • Gift Certificate Orders: Unsent, Sent, Canceled, Sent-Partial, Other-See Line Items, or Not Found |
| CurrentStatus/Order @No | Yes | 1 | Integer Attribute | Order Number |
| CurrentStatus/Order @OrderType | Yes | 1 | Text Attribute (16 chars max) | Order Type (Product, Pickup, or Gift Certificate) |
| CurrentStatus/Order @BillingStatus | Yes | 1 | Text Attribute (16 chars max) | Billing Status (Unbilled, Authorized, Billed, Billed-Partial, Paid, Paid-Partial, Refunded, Refunded-Partial, Declined CC, Canceled, or Not Found) |
| NextPage | No | 1 | Empty Node | Indicates the existence of a subsequent page of orders |

OrderQueryRequest Example (with CurrentStatus node)

```
<?xml version="1.0" encoding="utf-8"?>
<OrderQueryRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <Key>Nk5#/K#0:;!C:SfqVs0</Key>
  </Credentials>
  <OrderDateRange>
    <OrderDateStart>
      <DateTime>
        <Date>12/01/2000</Date>
        <Time>00:00</Time>
      </DateTime>
    </OrderDateStart>
    <OrderDateEnd>
      <DateTime>
        <Date>12/15/2000</Date>
        <Time>23:59</Time>
      </DateTime>
    </OrderDateEnd>
  </OrderDateRange>
  <CurrentStatus />
</OrderQueryRequest>
```

OrderQueryReply Example (with CurrentStatus node)

```
<?xml version="1.0" encoding="utf-8"?>
<OrderQueryReply AccountName="fairway" Page="1">
  <CurrentStatus>
    <Order No="102447" OrderType="Product" BillingStatus="Paid">Shipped</Order>
    <Order No="102448" OrderType="Product" BillingStatus="Paid">Shipped</Order>
  </CurrentStatus>
</OrderQueryReply>
```


6: OrderUpdate

The OrderUpdate is used to update Quantities, Unit Prices, Shipping Options, Sales Tax, Pickup Location, Discounts, Shipping Status (including Ship Dates and Tracking Numbers), Billing Status, and Customer or Company Comments. OrderUpdate can also add additional line items and capture credit card payment for pre-existing orders. In many cases changing the Order Status will result in e-mail(s) automatically being sent; for example, Shipped E-Mails, Gift Certificate E-Mails, and Drop Ship E-Mails, subject to the appropriate options in the OMS.

In the OrderUpdateRequest all orders must be selected by Order Number. You may update the Order Line Item Quantity and Unit Price using the LineItemUpdate container, the Order or Line Item Ship Method, Ship Rate, Preferred Shipping Date or Preferred Delivery Date using the ShippingOptionsUpdate container, the Line Item Sales Tax using the SalesTaxRate container, the Order Pickup Location and / or Expected Pickup Date using the PickupLocationUpdate container, the Order Discounts using the DiscountsUpdate container, the Order or Line Item Status using the StatusUpdate container, the Order Billing Status using the BillingStatusUpdate container, and the Order Customer or Company Comments via the UpdateComments container. New line items can be added using the LineItemAdd container.

If you are using a Payment Gateway (Settings/Compatible Software in the OMS) you may also use the CapturePayment node to capture (process), refund, reconcile (capture or refund as needed to make the captured total equal the order total), or void an order's credit card (any other payment transactions should be performed through the OMS). Note that changing an order's Shipping Status and/or Billing Status to Canceled does not automatically void or refund any completed credit card transactions.

If Split Order Processing (Settings/Site Options in the OMS) is in use, for orders with Segment Numbers, you may embed a Segment Number in the OrderUpdate/OrderNo node of the OrderUpdateRequest with a hyphen (e.g. 102301-1). In that case, updates are limited, when possible, to the specified segment. Alternately, you may use an Order Number without an embedded Segment Number but still restrict a Status Update by segment via the OrderUpdate/StatusUpdate/Segment node; and limit a Credit Card Capture to one or more segments via the OrderUpdate/CapturePayment @Segments attribute.

Note: Many properties are defined at a level higher than segment, such as at the order level (e.g. Billing Status, Tags, Comments) or the shipment level (e.g. Shipping Method). When a Segment Number is embedded in the OrderUpdate/OrderNo node of the OrderUpdateRequest and any such property is updated, additional segments of the same order may be impacted.

The ForceProceed node in the OrderUpdateRequest forces the tool to proceed with valid order updates even if an invalid update request (e.g. no match is found for the OrderNo node specified) is found. In such a scenario, the corresponding Order container for

invalid requests in the OrderUpdateReply contains the Error XML elements specified in Chapter 15 (Errors) in lieu of the elements specified in the OrderUpdateReply Schema. If the ForceProceed node is not included in the OrderUpdateRequest, any invalid request results in the failure of all requests, and only the Error elements are returned.

A single OrderUpdateRequest may contain no more than 15 OrderUpdate containers. If you wish to perform more than 15 updates, you must do so in an iterative manner.

OrderUpdateRequest URL: <https://www.nexternal.com/shared/xml/orderupdate.rest>

OrderUpdateRequest Schema

| Element Xpath | Required | Occurs | Type | Description |
|---|----------|--------|---|---|
| Credentials | Yes | 1 | Container | Note that the supplied Credentials must contain the Client's XML Key <u>or</u> a UserName and Password, but not both |
| Credentials/AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| Credentials/Key | No | 1 | Text Node (20 chars max) | Client's XML Key |
| Credentials/UserName | No | 1 | Text Node (50 chars max) | XML Tools User Name • See Users / New Users / Access Level in the OMS for more information about the XML Tools Access Level |
| Credentials/Password | No | 1 | Text Node (50 chars max) | XML Tools User Password |
| OrderUpdate | Yes | 1 - 15 | Container | |
| OrderUpdate/OrderNo | Yes | 1 | Integer/Text Node | Order Number • Must match an existing Order Number • Supports embedding a Segment Number with a hyphen (e.g. 102301-1) when Split Order Processing (Settings/Site Options) is enabled in the OMS, and the order has Segment Numbers |
| OrderUpdate/LineItemUpdate | No | 1 | Container | For updating an Order Line Item Quantity and/or Order Line Item Unit Price |
| OrderUpdate/LineItemUpdate/LineNo | No | 1 | Integer Node | Order Line Item Number (for matching purposes only) • May be determined using the OrderQuery Tool (Order/ShipTo/ShipFrom/LineItem/LineNo or Order/Pickups/Pickup/LineItem/LineNo) • Optional only if the order has a single Line Item |
| OrderUpdate/LineItemUpdate/Qty | No | 1 | Integer Node | Updates the Order Line Item Quantity |
| OrderUpdate/LineItemUpdate/UnitPrice | No | 1 | Currency Node | Overrides the Order Line Item Unit Price |
| OrderUpdate/LineItemUpdate/LineItemCustomField | No | 1 | Text/Integer/Numeric/Currency/Date Node | Line Item Custom Field Value • Node Type depends on Field Type of Custom Field |
| OrderUpdate/LineItemUpdate/LineItemCustomField@Type | Yes* | 1 | Text Attribute (16 chars max) | Line Item Custom Field Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderUpdate/LineItemAdd | No | 1 | Container | For adding a line item |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|----------------------------------|--|
| OrderUpdate/LineItemAdd @ShipToLabel | No | 1 | Text Attribute (25 chars max) | Ship-To Address Label (for Product orders, matching purposes only) • If not specified, the order's first Ship-To Address is used |
| OrderUpdate/LineItemAdd @PickupLocation | No | 1 | Text Attribute (50 chars max) | Pickup Location Internal Name (for Pickup orders, matching purposes only) • Required for orders with multiple Pickup Locations |
| OrderUpdate/LineItemAdd /Product | Yes | 1 | Container | Products can be matched using the ProductNo, the ProductName, or the ProductSKU. SKU-level items for a particular Product can be matched using one of the nodes listed above, along with a SKUItem node. The SKU node can be used to match any unique SKU number declared at the Product level or at the SKU level |
| OrderUpdate/LineItemAdd /Product @ShipFrom | No | 1 | Text Attribute (50 chars max) | Ship-From Location Internal Name (for Product orders) • If Ship-From Location is not specified, it is assigned automatically as in the Online Store |
| OrderUpdate/LineItemAdd /Product/ProductNo | No | 1 | Integer Node | Product Number (for matching purposes) |
| OrderUpdate/LineItemAdd /Product/ProductName | No | 1 | Text Node (100 chars max) | Product Name (for matching purposes) |
| OrderUpdate/LineItemAdd /Product/ProductSKU | No | 1 | Text Node (50 chars max) | Product SKU number (for matching purposes) |
| OrderUpdate/LineItemAdd /Product/SKU | No | 1 | Text Node (50 chars max) | Product-level or SKU-level SKU number (for matching purposes) • Note that this node is used <i>instead of</i> the ProductNo, ProductName, ProductSKU, and SKUItem node(s) to identify a Product or a SKU-level item for a Product |
| OrderUpdate/LineItemAdd /Product/SKUItem | No | 1 | Container | |
| OrderUpdate/LineItemAdd /Product/SKUItem @SKU | No | 1 | Text Attribute (50 chars max) | SKU-level SKU number (for matching purposes) |
| OrderUpdate/LineItemAdd /Product/SKUItem/Attributes | No | 1 | Container | |
| OrderUpdate/LineItemAdd /Product/SKUItem/Attributes/Attribute | Yes* | 1 + | Text Node (50 chars max) | SKU Attribute Value |
| OrderUpdate/LineItemAdd /Product/SKUItem/Attributes/Attribute @Name | Yes* | 1 | Text Attribute (50 chars max) | SKU Attribute Name |
| OrderUpdate/LineItemAdd /Product/WriteIns | No | 1 | Container | Include if the product has write-in attributes |
| OrderUpdate/LineItemAdd /Product/WriteIns/WriteIn | Yes* | 1 + | Text Node (4000 chars max) | Write-In attribute value |
| OrderUpdate/LineItemAdd /Product/WriteIns/WriteIn @Name | Yes* | 1 | Text Attribute (50 chars max) | Write-In attribute name |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|---|---|
| OrderUpdate/LineItemAdd/Product/Qty | Yes* | 1 | Integer Node | Product Quantity • If the order is a Pending Order, Product Quantity will <u>not</u> be deducted from product inventory |
| OrderUpdate/LineItemAdd/Product/RequiredQty | No | 1 | Integer Node | Required Quantity • Applicable only if the order is a Pending Order; may not exceed Product Quantity |
| OrderUpdate/LineItemAdd/Product/UnitPrice | No | 1 | Currency Node | Include to override the default product Unit Price • Product-level discounts defined in the OMS are ignored if this node is included |
| OrderUpdate/LineItemAdd/Product/Subscription | No | 1 | Container | Include to add a Subscription to the order • If the product is Subscription Only and this container is not included, the first Subscription Option is used |
| OrderUpdate/LineItemAdd/Product/Subscription/Frequency | Yes* | 1 | Integer Node | Subscription Frequency (integer value) |
| OrderUpdate/LineItemAdd/Product/Subscription/Frequency @Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Frequency Type (Days, Weeks, or Months) |
| OrderUpdate/LineItemAdd/Product/Subscription/Term | No | 1 | Integer Node | Subscription Term (integer value) • Omit for a Subscription of indefinite length |
| OrderUpdate/LineItemAdd/Product/Subscription/Term @Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Term Type (Days, Weeks, Months, or Years) |
| OrderUpdate/LineItemAdd/Product/LineItemStatus | No | 1 | Text Node (20 chars max) | Line Item Status • Pending Orders: Pending • Product Orders: Unshipped, In Process, Shipped, Backordered, or Preordered • Pickup Orders: Not Ready, In Process, Ready, Picked Up, Backordered, or Preordered |
| OrderUpdate/LineItemAdd/Product/LineItemCustomField | No | 1 | Text/Integer/Numeric/Currency/Date Node | Line Item Custom Field Value • Node Type depends on Field Type of Custom Field |
| OrderUpdate/LineItemAdd/Product/LineItemCustomField @Type | Yes* | 1 | Text Attribute (16 chars max) | Line Item Custom Field Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderUpdate/LineItemAdd/Product/ShipDate | No | 1 | Container | Required if the Line Item Status is "Shipped" |
| OrderUpdate/LineItemAdd/Product/ShipDate/DateTime | Yes* | 1 | Container | |
| OrderUpdate/LineItemAdd/Product/ShipDate/Date/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Ship Date |
| OrderUpdate/LineItemAdd/Product/PickupDate | No | 1 | Container | Required if the Line Item Status is "Picked Up" |
| OrderUpdate/LineItemAdd/Product/PickupDate/DateTime | Yes* | 1 | Container | |
| OrderUpdate/LineItemAdd/Product/PickupDate/Date/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Pickup Date |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|------------------------------|--|
| OrderUpdate/LineItemAdd/Product/PickedUpBy | No | 1 | Text Node (50 chars max) | First and Last Name of the Customer or Trustee that signed for the Order Line Item • Applicable only to a Pickup Order when the Line Item Status is "Picked Up" |
| OrderUpdate/LineItemAdd/Product/TrackingNumber | No | 1 | Text Node (50 chars max) | Tracking Number • Applicable only to a Product Order when the Line Item Status is "Shipped" |
| OrderUpdate/ShippingOptionsUpdate | No | 1 | Container | For updating the Order Line Item(s) Ship Method, Ship Rate, Preferred Ship Date <u>or</u> Preferred Delivery Date |
| OrderUpdate/ShippingOptionsUpdate/ShipFrom | No | 1 | Empty Node | For limiting the update to a single Ship From Address |
| OrderUpdate/ShippingOptionsUpdate/ShipFrom@Name | Yes* | 1 | Text Attribute (50 char max) | Internal Name of the Ship From Address (for matching purposes only) • The ShipFrom @Name attribute must match the Internal Name of a Ship From Address already used in the existing order |
| OrderUpdate/ShippingOptionsUpdate/ShipTo | No | 1 | Container | For limiting the update to a single Ship To Address • The ShipTo @ID or @Label attribute, or the ShipTo/Name node must match a Ship To Address already used in the existing order |
| OrderUpdate/ShippingOptionsUpdate/ShipTo @ID | No | 1 | Integer Attribute | Ship To Address Book ID (for matching purposes only) • May be determined using the OrderQuery Tool (Order/ShipTo/Address/AddressBook) |
| OrderUpdate/ShippingOptionsUpdate/ShipTo @Label | No | 1 | Text Attribute (25 char max) | Ship To Address Label (for matching purposes only) |
| OrderUpdate/ShippingOptionsUpdate/ShipTo/Name | No | 1 | Container | Ship To Address Name (for matching purposes only) |
| OrderUpdate/ShippingOptionsUpdate/ShipTo/Name/FirstName | Yes* | 1 | Text Node (50 char max) | Ship To Address First Name |
| OrderUpdate/ShippingOptionsUpdate/ShipTo/Name/LastName | Yes* | 1 | Text Node (50 char max) | Ship To Address Last Name |
| OrderUpdate/ShippingOptionsUpdate/ShipMethod | No | 1 | Text Node (50 chars max) | Updates the Shipping Method |
| OrderUpdate/ShippingOptionsUpdate/ShipRate | No | 1 | Currency Node | Updates the Shipping Rate |
| OrderUpdate/ShippingOptionsUpdate/PreferredShipDate | No | 1 | Container | Updates the Preferred Shipping Date • Either the PreferredShipDate node <u>or</u> the PreferredDeliveryDate node can be present in the query, but not both |
| OrderUpdate/ShippingOptionsUpdate/PreferredShipDate/DateTime | Yes* | 1 | Container | |
| OrderUpdate/ShippingOptionsUpdate/PreferredShipDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Preferred Ship Date |
| OrderUpdate/ShippingOptionsUpdate/PreferredDeliveryDate | No | 1 | Container | Updates the Preferred Delivery Date • Either the PreferredShipDate node <u>or</u> the PreferredDeliveryDate node can be present in the query, but not both |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|-------------------------------|--|
| OrderUpdate/ShippingOptionsUpdate/PreferredDeliveryDate/DateTime | Yes* | 1 | Container | |
| OrderUpdate/ShippingOptionsUpdate/PreferredDeliveryDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Preferred Delivery Date |
| OrderUpdate/SalesTaxUpdate | No | 1 | Container | For updating Sales Tax Rate(s) |
| OrderUpdate/SalesTaxUpdate/ShipTo | No | 1 | Container | For limiting the update to a single Ship To Address <ul style="list-style-type: none"> The ShipTo @ID or @Label attribute, or the ShipTo/Name node must match a Ship To Address already used in the existing order |
| OrderUpdate/SalesTaxUpdate/ShipTo @ID | No | 1 | Integer Attribute | Ship To Address Book ID (for matching purposes only) <ul style="list-style-type: none"> May be determined using the OrderQuery Tool (Order/ShipTo/Address/AddressBook) |
| OrderUpdate/SalesTaxUpdate/ShipTo @Label | No | 1 | Text Attribute (25 char max) | Ship To Address Label (for matching purposes only) |
| OrderUpdate/SalesTaxUpdate/ShipTo/Name | No | 1 | Container | Ship To Address Name (for matching purposes only) |
| OrderUpdate/SalesTaxUpdate/ShipTo/Name/FirstName | Yes* | 1 | Text Node (50 char max) | Ship To Address First Name |
| OrderUpdate/SalesTaxUpdate/ShipTo/Name/LastName | Yes* | 1 | Text Node (50 char max) | Ship To Address Last Name |
| OrderUpdate/SalesTaxUpdate/PickupLocation | No | 1 | Text Node (50 chars max) | Pickup Location Internal Name (for matching purposes only) |
| OrderUpdate/SalesTaxUpdate/SalesTaxRate | Yes* | 1 | Percentage Node | Updates the Sales Tax Rate |
| OrderUpdate/PickupLocationUpdate | No | 1 | Container | For updating Expected Pickup Date |
| OrderUpdate/PickupLocationUpdate @Location | No | 1 | Text Attribute (50 chars max) | Internal Name of the Pickup Location to be updated <ul style="list-style-type: none"> Required for orders with multiple Pickup Locations |
| OrderUpdate/PickupLocationUpdate/ExpectedPickupDate | No | 1 | Container | |
| OrderUpdate/PickupLocationUpdate/ExpectedPickupDate/DateTime | Yes* | 1 | Container | |
| OrderUpdate/PickupLocationUpdate/ExpectedPickupDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Order Expected Pickup Date |
| OrderUpdate/FulfillmentLocationUpdate | No | 1 | Container | For updating Fulfillment Location at the Line Item level |
| OrderUpdate/FulfillmentLocationUpdate/LineNo | Yes* | 1 | Integer Node | Order Line Item Number to be updated <ul style="list-style-type: none"> Changing the Fulfillment Location results in a change to the Line Item Number |
| OrderUpdate/FulfillmentLocationUpdate/NewLocation | Yes* | 1 | Text Node (50 chars max) | Internal Name of the new Fulfillment location <ul style="list-style-type: none"> Must be a Ship-From Location (for Product orders) or Pickup Location (for Pickup orders) the is valid for the product |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|------------------------------|--|
| OrderUpdate/DiscountsUpdate | No | 1 | Container | For updating order discounts |
| OrderUpdate/DiscountsUpdate/CustomerDiscount | No | 1 | Percentage Node | Customer Discount percentage <ul style="list-style-type: none"> • Applies to the current order <u>only</u> • Include an empty node to delete any pre-existing Customer Discount |
| OrderUpdate/DiscountsUpdate/CouponCode | No | 1 | Text Node (50 chars max) | Coupon Code <ul style="list-style-type: none"> • Include an empty node to delete any pre-existing Coupon Code |
| OrderUpdate/DiscountsUpdate/GiftCard | No | 1 | Text Node (19 chars max) | FlexCache Gift Card Number <ul style="list-style-type: none"> • Include an empty node to delete any pre-existing FlexCache Gift Card Number |
| OrderUpdate/DiscountsUpdate/GiftCard @PIN | No | 1 | Text Attribute (4 chars max) | FlexCache Gift Card PIN |
| OrderUpdate/DiscountsUpdate/GiftCertificate | No | 1 | Text Node (20 chars max) | Gift Certificate Code <ul style="list-style-type: none"> • Include an empty node to delete any pre-existing Gift Certificate |
| OrderUpdate/StatusUpdate | No | 1 | Container | For updating Order, Line Item, or Gift Certificate Status |
| OrderUpdate/StatusUpdate/LineNo | No | 1 | Integer Node | Order Line Item Number (for limiting the Status Update to a single line item) <ul style="list-style-type: none"> • May be determined using the OrderQuery Tool (Order/ShipTo/ShipFrom/LineItem/LineNo or Order/Pickups/Pickup/LineItem/LineNo) |
| OrderUpdate/StatusUpdate/LineNo @Qty | No | 1 | Integer Attribute | Quantity to update for the specified Order Line Item (if unspecified, the Line Item Quantity is used) <ul style="list-style-type: none"> • If the specified quantity is less than the Line Item Quantity available for update, the Line Item will be split, resulting in Parent and Child Line Items • If the specified quantity is greater than the Line Item Quantity available for update, but the Line Item has Child Line Items, the Child Line Items will be updated (and split) as needed |
| OrderUpdate/StatusUpdate/Segment | No | 1 | Integer | Segment Number (for limiting the Status Update to a single segment) <ul style="list-style-type: none"> • Only valid when Split Order Processing (Settings/Site Options) is enabled in the OMS, and the order has Segment Numbers • <u>Not</u> compatible with embedding a Segment Number in the OrderUpdate/OrderNo node |
| OrderUpdate/StatusUpdate/GiftCertificate | No | 1 | Text Node (20 char max) | Gift Certificate Code (for limiting the Status Update to a single Gift Certificate in a Gift Certificate Order) <ul style="list-style-type: none"> • May be queried via the OrderQuery Tool (Order/GiftCert/GiftCertCode) |
| OrderUpdate/StatusUpdate/ShipFrom | No | 1 | Container | For limiting the Status Update to a single Ship From Address in a Product Order |
| OrderUpdate/StatusUpdate/ShipFrom @Name | Yes* | 1 | Text Attribute (50 char max) | Internal Name of the Ship From Address (for matching purposes only) <ul style="list-style-type: none"> • The ShipFrom @Name attribute must match the Internal Name of a Ship From Address already used in the existing order |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|-------------------------------|--|
| OrderUpdate/StatusUpdate/ShipTo | No | 1 | Container | For limiting the Status Update to a single Ship To Address in a Product Order • The ShipTo @ID or @Label attribute, or the ShipTo/Name node must match a Ship To Address already used in the existing order |
| OrderUpdate/StatusUpdate/ShipTo @ID | No | 1 | Integer Attribute | Ship To Address Book ID (for matching purposes only) • May be determined using the OrderQuery Tool (Order/ShipTo/Address/AddressBook) |
| OrderUpdate/StatusUpdate/ShipTo @Label | No | 1 | Text Attribute (25 char max) | Ship To Address Label (for matching purposes only) |
| OrderUpdate/StatusUpdate/ShipTo/Name | No | 1 | Container | Ship To Address Name (for matching purposes only) |
| OrderUpdate/StatusUpdate/ShipTo/Name/FirstName | Yes* | 1 | Text Node (50 char max) | Ship To Address First Name |
| OrderUpdate/StatusUpdate/ShipTo/Name/LastName | Yes* | 1 | Text Node (50 char max) | Ship To Address Last Name |
| OrderUpdate/StatusUpdate/PickupLocation | No | 1 | Text Node (50 chars max) | Pickup Location Internal Name (for limiting the Status Update to a single Pickup Location in a Pickup Order) |
| OrderUpdate/StatusUpdate/Status | Yes* | 1 | Text Node (17 char max) | Update Status • Product Orders: Unshipped, In Process, Shipped, Activate (to activate a Pending Order), Backordered, Preordered, Canceled, Return-Ship Agent, or Return-Customer • Pickup Orders: Not Ready, In Process, Ready, Picked Up, Activate (to activate a Pending Order), Backordered, Preordered, Canceled, or Return-Customer • Gift Certificate Orders: Unsent, Sent, or Canceled |
| OrderUpdate/StatusUpdate/Status @ReasonCanceled | No | 1 | Text Attribute (255 char max) | If the StatusUpdate/Status value is set to "Canceled" you <u>must</u> provide a reason for the order cancellation |
| OrderUpdate/StatusUpdate/ShipDate | No | 1 | Container | Only valid if the StatusUpdate/Status node is Shipped or Sent |
| OrderUpdate/StatusUpdate/ShipDate/DateTime | Yes* | 1 | Container | |
| OrderUpdate/StatusUpdate/ShipDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Update Ship/Send Date (default value: today's date) |
| OrderUpdate/StatusUpdate/PickupDate | No | 1 | Container | Only valid if the StatusUpdate/Status node is Picked Up |
| OrderUpdate/StatusUpdate/PickupDate/DateTime | Yes* | 1 | Container | |
| OrderUpdate/StatusUpdate/PickupDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Update Pickup Date (default value: today's date) |
| OrderUpdate/StatusUpdate/PickedUpBy | No | 1 | Text Node (50 chars max) | First and Last Name of the Customer or Trustee that signed for the Order or Order Line Item • Only valid if the StatusUpdate/Status node is Picked Up |
| OrderUpdate/StatusUpdate/TrackingNumber | No | 1 | Text Node (50 char max) | Tracking Number • Only valid if the StatusUpdate/Status node is Shipped |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|---------------------------------|---|
| OrderUpdate/StatusUpdate/ Application | No | 1 | Text Node (17 char max) | Used to limit the scope of the update using the existing Line Item Status (for matching purposes only; default value: Outstanding) • Product Orders: Unshipped, In Process, Shipped, Backordered, Preordered, Canceled, Return-Ship Agent, or Return-Customer • Pickup Orders: Not Ready, In Process, Ready, Picked Up, Backordered, Preordered, Canceled, or Return-Customer • Gift Certificate Orders: Unsent, Sent, or Canceled • All Orders: Outstanding (all statuses other than Shipped, Picked Up, Sent, Canceled, and Return- Customer) and All (all statuses other than Canceled) are also valid |
| OrderUpdate/BillingStatus Update | No | 1 | Container | For updating Billing Status |
| OrderUpdate/BillingStatus Update/BillingStatus | Yes* | 1 | Text Node (16 chars max) | Update Billing Status • Unbilled, Authorized, Billed, Billed-Partial, Paid, Canceled, Refunded, or Declined CC |
| OrderUpdate/TagsUpdate | No | 1 | Container | For updating Tags |
| OrderUpdate/TagsUpdate @Mode | No | 1 | Text Attribute (7 chars max) | Tags Update Mode (Add or Replace) • Mode="Add" adds Tags to the order's preexisting Tags • Mode="Replace" replaces the order's preexisting Tags • Default value: Add |
| OrderUpdate/TagsUpdate/ Tag | Yes* | 1 + | Text Node | Individual Tag • May not contain commas |
| OrderUpdate/CommentsUp date | No | 1 | Container | |
| OrderUpdate/CommentsUp date/CustomerComments | No | 1 | Empty/Text Node | Overrides existing Customer Comments • Include an empty node to delete any pre-existing Customer Comments |
| OrderUpdate/CommentsUp date/CompanyComments | No | 1 | Empty/Text Node | Overrides existing Company Comments • Include an empty node to delete any pre-existing Company Comments |
| OrderUpdate/CommentsUp date/DisplayCompanyCom ments | No | 1 | Empty Node | Indicates Company Comments may be displayed to customer; absence indicates Company Comments may <u>not</u> be displayed to customer |
| OrderUpdate/PendingUpda te | No | 1 | Container | |
| OrderUpdate/PendingUpda te/AutoActivationDate | No | 1 | Container | Date that the Pending Order will be automatically activated |
| OrderUpdate/PendingUpda te/AutoActivationDate/Dat eTime | Yes* | 1 | Container | |
| OrderUpdate/PendingUpda te/AutoActivationDate/Dat eTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Activation Date |
| OrderUpdate/PendingUpda te/AutoCancelDate | No | 1 | Container | Date that the Pending Order will be automatically canceled |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|--------------------------------|--|
| OrderUpdate/PendingUpdate/AutoCancelDate/DateTime | Yes* | 1 | Container | |
| OrderUpdate/PendingUpdate/AutoCancelDate/Date/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Cancellation Date |
| OrderUpdate/PendingUpdate/MinOrderQty | No | 1 | Integer Node | Minimum order quantity |
| OrderUpdate/PendingUpdate/MinOrderPrice | No | 1 | Currency Node | Minimum order price |
| OrderUpdate/PendingUpdate/AllowCustomerCancel | No | 1 | Empty Node/Container | Allow customer to cancel the order |
| OrderUpdate/PendingUpdate/AllowCustomerCancel/Erase | No | 1 | Empty Node | Prevent customer from cancelling the order |
| OrderUpdate/CapturePayment | No | 1 | Empty/Text Node (9 chars max) | Processes the order's credit card to Authorize, Capture, Refund, Reconcile (capture or refund as appropriate to make the total amount captured equal the order total), or Void a payment (default value: Capture) <ul style="list-style-type: none"> • Requires that you be using a Payment Gateway (Settings/Compatible Software in the OMS) and that the order's Payment Method be Credit Card • Applies <u>after</u> any status updates specified in the OrderUpdateRequest |
| OrderUpdate/CapturePayment @Segments | No | 1 | Text Attribute | Limits the amount captured to the apportioned total of the specified Segment Number(s) <ul style="list-style-type: none"> • Only valid if the CapturePayment node is Capture (or empty); Split Order Processing (Settings/Site Options) is enabled in the OMS; and the order has Segment Numbers • Enter multiple Segment Numbers as a comma delimited list (e.g. 1,2,4) • <u>Not</u> compatible with embedding a Segment Number in the OrderUpdate/OrderNo node |
| OrderUpdate/Layout | No | 1 | Empty/Text Node (50 chars max) | Apply or remove (if empty) an Archived Layout to Order E-mails using the layout's Archive Name |
| OrderUpdate/Integration | No | 1 | Container | See External Mapping for more information |
| ForceProceed | No | 1 | Empty Node | Indicates that the Order Update should proceed even if one or more requested updates is invalid |

OrderUpdateReply Schema

| Element Xpath | Always | Occurs | Type | Description |
|----------------------|---------------|---------------|-------------------------|---|
| @AccountName | Yes | 1 | Text Node (10 char max) | Client's Account Name (e.g. fairway) |
| Order | Yes | 1 - 15 | Container | |
| Order/OrderNo | Yes | 1 | Integer/Text Node | Order Number <ul style="list-style-type: none"> • Same value as OrderUpdate/OrderNo in the OrderUpdateRequest • May include a Segment Number embedded with a hyphen (e.g. 102301-1) |

| Element Xpath | Always | Occurs | Type | Description |
|-----------------------------|---------------|---------------|--------------------------|--|
| Order/OrderStatus | Yes | 1 | Text Node (20 chars max) | Order Status (after update) <ul style="list-style-type: none"> • Product Orders: Unshipped, In Process, Shipped, Canceled, Backordered, Preordered, Return-Ship Agent, Return-Customer, Shipped-Partial, or Other-See Line Items • Pickup Orders: Not Ready, In Process, Ready, Picked Up, Backordered, Preordered, Canceled, or Return-Customer • Gift Certificate Orders: Unsent, Sent, Canceled, Sent-Partial, or Other-See Line Items |
| Order/BillingStatus | Yes | 1 | Text Node (16 chars max) | Billing Status (after update) <ul style="list-style-type: none"> • Unbilled, Authorized, Billed, Billed-Partial, Paid, Canceled, Refunded, or Declined CC |
| Order/CapturePayment | No | 1 | Container | Included if CapturePayment node was present in the update request |
| Order/CapturePayment/Status | Yes* | 1 | Text Node | Payment transaction status (after update) <ul style="list-style-type: none"> • Authorized, Declined CC, Unbilled, Refunded, Canceled, None, or Error |
| Order/CapturePayment/Notes | Yes* | 1 | Text Node | Payment transaction notes (after update) |
| Order/Warning | No | 1 + | Text Node | Included if an update results in potentially erroneous information in the order (e.g. shipping or delivery date is less than the current date) |

OrderUpdateRequest Example

```
<?xml version="1.0" encoding="UTF-8" ?>
<OrderUpdateRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <UserName>xmlbob</UserName>
    <Password>XMLDem0Pwd</Password>
  </Credentials>
  <OrderUpdate>
    <OrderNo>102554</OrderNo>
    <StatusUpdate>
      <LineNo>532</LineNo>
      <Status>Shipped</Status>
    </StatusUpdate>
  </OrderUpdate>
</OrderUpdateRequest>
```

OrderUpdateReply Example

```
<?xml version="1.0" encoding="utf-8"?>
<OrderUpdateReply AccountName="fairway">
  <Order>
    <OrderNo>102554</OrderNo>
    <OrderStatus>Shipped-Partial</OrderStatus>
    <BillingStatus>Unbilled</BillingStatus>
  </Order>
</OrderUpdateReply>
```

7: OrderCalculate

OrderCalculate is used to retrieve information related to an order before the actual order is placed. Information about the possible shipping rates and methods, any potential discounts and taxes, and the current inventory levels for each line item in the order will be returned in the OrderCalculateReply.

Each OrderCalculate node specifies the source of the order using a Customer container, one or more shipping destinations using the ShipTos container, and one or more line items using the Products container. Additional information regarding the order can be specified using the BillTo container and the Discounts container. CustomFields, WriteIns, and Subscription should be included in the OrderCalculateRequest when required.

The OrderCalculate tool may be used to calculate orders for new or pre-existing customers, but products included in the OrderCalculateRequest must already exist. For new customers you must include the Customer/Email node and a completed OrderCalculate/BillTo container. Estimated and Available Delivery Dates can be returned with the response by using the IncludeDeliveryDates with your request.

The ForceProceed node in the OrderCalculateRequest forces the tool to proceed with valid order calculation requests even if an invalid calculation request is encountered. In such a scenario, the corresponding Order containers for the invalid requests in the OrderCalculateReply contain the Error XML elements specified in Chapter 15 (Errors) in lieu of the elements specified in the OrderCalculateReply schema. If the ForceProceed node is not included in the OrderCalculateRequest, any invalid order calculation requests will result in the failure of all subsequent order calculation requests in the query.

A single OrderCalculateRequest may contain no more than 15 OrderCalculate containers. If you wish to calculate more than 15 orders, you must do so in an iterative manner.

Note: Autocoupons and Automatic Add Triggers do not apply.

OrderCalculateRequest URL:

<https://www.nexternal.com/shared/xml/ordercalculate.rest>

OrderCalculateRequest Schema

| Element Xpath | Required | Occurs | Type | Description |
|-------------------------|----------|--------|--------------------------|--|
| Credentials | Yes | 1 | Container | Note that the supplied Credentials must contain the Client's XML Key <u>or</u> a UserName and Password, but not both |
| Credentials/AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| Credentials/Key | No | 1 | Text Node (20 chars max) | Client's XML Key |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|--|---|
| Credentials/UserName | No | 1 | Text Node (50 chars max) | XML Tools User Name • See Users / New Users / Access Level in the OMS for more information about the XML Tools Access Level |
| Credentials/Password | No | 1 | Text Node (50 chars max) | XML Tools User Password |
| OrderCalculate | Yes | 1 - 15 | Container | |
| OrderCalculate/Customer | Yes | 1 | Container | |
| OrderCalculate/Customer @MatchingField | No | 1 | Text Attribute (10 chars max) | Indicates which node in the query will be used to match an existing customer (CustomerNo, Name, or Email) • The Customer/Email node combined with a completed OrderCalculate/BillTo container can be used if customer matching is not required (e.g. a new customer) |
| OrderCalculate/Customer/ CustomerNo | No | 1 | Integer Node | Customer Number (for matching purposes only) • Required if MatchingField="CustomerNo" |
| OrderCalculate/Customer/ Name | No | 1 | Container | Customer Name • Required if MatchingField="Name" |
| OrderCalculate/Customer/ Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Customer First Name |
| OrderCalculate/Customer/ Name/LastName | Yes* | 1 | Text Node (50 chars max) | Customer Last Name |
| OrderCalculate/Customer/ Email | No | 1 | Text Node (50 chars max) | Customer E-Mail Address • Required if MatchingField="Email" or for new customers |
| OrderCalculate/Customer/ CustomerType | No | 1 | Text Node (20 chars max) | Customer Type • The default customer type is defined at Customers/Types in the OMS |
| OrderCalculate/Customer/ CustomField1 | No | 1 | Text/Integer/N umeric/Currency/Date Node | Customer Custom Field #1 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/ CustomField1 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #1 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/ CustomField2 | No | 1 | Text/Integer/N umeric/Currency/Date Node | Customer Custom Field #2 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/ CustomField2 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #2 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/ CustomField3 | No | 1 | Text/Integer/N umeric/Currency/Date Node | Customer Custom Field #3 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/ CustomField3 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #3 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/ CustomField4 | No | 1 | Text/Integer/N umeric/Currency/Date Node | Customer Custom Field #4 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/ CustomField4 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #4 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|---|--|
| OrderCalculate/Customer/CustomField5 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #5 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField5 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #5 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField6 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #6 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField6 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #6 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField7 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #7 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField7 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #7 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField8 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #8 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField8 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #8 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField9 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #9 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField9 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #9 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField10 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #10 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField10 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #10 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField11 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #11 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField11 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #11 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField12 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #12 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField12 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #12 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField13 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #13 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField13 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #13 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|---|---|
| OrderCalculate/Customer/CustomField14 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #14 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField14 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #14 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField15 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #15 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField15 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #15 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField16 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #16 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField16 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #16 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField17 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #17 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField17 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #17 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField18 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #18 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField18 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #18 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField19 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #19 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField19 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #19 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/Customer/CustomField20 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #20 Value • Node Type depends on Field Type of Custom Field |
| OrderCalculate/Customer/CustomField20 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #20 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCalculate/BillTo | No | 1 | Container | Customer Bill To Address • If a pre-existing customer is used and this container is omitted, the customer's Primary Bill To Address is used (or Contact Address, if there is no Primary Bill To Address) • This container, along with the Customer/Email node, are required for new customers |
| OrderCalculate/BillTo/Address | Yes* | 1 | Container | Customer Bill To Address |
| OrderCalculate/BillTo/Address @Type | Yes* | 1 | Text Attribute (11 chars max) | Customer Bill To Address Type (Residential or Business) |
| OrderCalculate/BillTo/Address/Name | No | 1 | Container | May be omitted if Customer/Name node exists and you wish to use those values |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|------------------------------|--|
| OrderCalculate/BillTo/Address/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Customer First Name |
| OrderCalculate/BillTo/Address/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Customer Last Name |
| OrderCalculate/BillTo/Address/CompanyName | No | 1 | Text Node (100 chars max) | Customer Bill To Company Name • Usage of the Company Name field is set at Customers/Types in the OMS |
| OrderCalculate/BillTo/Address/StreetAddress1 | Yes* | 1 | Text Node (100 chars max) | Customer Bill To Street Address (Line 1) |
| OrderCalculate/BillTo/Address/StreetAddress2 | No | 1 | Text Node (100 chars max) | Customer Bill To Street Address (Line 2) |
| OrderCalculate/BillTo/Address/City | Yes* | 1 | Text Node (50 chars max) | Customer Bill To City |
| OrderCalculate/BillTo/Address/StateProvCode | No | 1 | Text Node (2 chars max) | Customer Bill To State/Province Code |
| OrderCalculate/BillTo/Address/ZipPostalCode | Yes* | 1 | Text Node (20 chars max) | Customer Bill To Zip/Postal Code |
| OrderCalculate/BillTo/Address/CountryCode | Yes* | 1 | Text Node (2 chars max) | Customer Bill To Country Code |
| OrderCalculate/Discounts | No | 1 | Container | Discounts applied to the order calculation |
| OrderCalculate/Discounts/CouponCode | No | 1 | Text Node (50 chars max) | Coupon Code • Note that shipping discounts cannot be included in the order calculation |
| OrderCalculate/Discounts/GiftCard | No | 1 | Text Node (19 chars max) | FlexCache Gift Card Number |
| OrderCalculate/Discounts/GiftCard @PIN | Yes* | 1 | Text Attribute (4 chars max) | FlexCache Gift Card PIN |
| OrderCalculate/Discounts/GiftCertificate | No | 1 | Text Node (20 chars max) | Gift Certificate Code |
| OrderCalculate/Discounts/LoyaltyDiscount | No | 1 | Empty/Currency Node | Customer Loyalty Discount Amount • If empty, the maximum possible Loyalty Discount will be applied, based on the customer's available Loyalty Points |
| OrderCalculate/Discounts/OrderDiscount | No | 1 | Currency Node | Order Discount • If this node is included, Order Discount is overridden to the value specified • If this node is included, Order Discount is calculated as specified in Settings/Site Options/Order Discounts in the OMS |
| OrderCalculate/Gratuity | No | 1 | Currency Node | Gratuity Amount |
| OrderCalculate/ShipCompliant | No | 1 | Container | If ShipCompliant is in use (Settings/Compatible Software/ShipCompliant) this container is used to override the OMS ShipCompliant Preferences |
| OrderCalculate/ShipCompliant/CommitOption | Yes* | 1 | Text Node (14 chars max) | ShipCompliant Commit Option (All, Compliant Only, or None) |
| OrderCalculate/ShipCompliant/OverrideOption | Yes* | 1 | Text Node (20 chars max) | ShipCompliant Override Option (Never Override, Allow Unless Shipped, Always Allow, or Always Override) |
| OrderCalculate/ShipCompliant/AddressIgnore | No | 1 | Empty Node | ShipCompliant Ignore Invalid Address |
| OrderCalculate/ShipTos | No | 1 | Container | For Ship To Addresses |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|-------------------------------|---|
| OrderCalculate/ShipTos/ShipTo | Yes* | 1 + | Container | |
| OrderCalculate/ShipTos/ShipTo @Label | No | 1 | Text Attribute (25 chars max) | Address Label (for matching purposes) <ul style="list-style-type: none"> • If the Label value is "yourself" the customer's Primary Ship To Address will be used (or Contact Address, if there is no Primary Ship To) • If the Label value is <u>not</u> "yourself" it must match an existing Customer Address in the OMS Customer Additional Addresses ID |
| OrderCalculate/ShipTos/ShipTo @ID | No | 1 | Integer Attribute | |
| OrderCalculate/ShipTos/ShipTo/Address | No | 1 | Container | Ship To Address <ul style="list-style-type: none"> • If ShipTo @Label or @ID is used, the ShipTo/Address container is ignored • If the ShipTo/Address container is not present the Customer Primary Shipping Address will be used (or Contact Address, if there is no Primary Ship To) |
| OrderCalculate/ShipTos/ShipTo/Address @Type | Yes* | 1 | Text Attribute (11 chars max) | Ship To Address Type (Residential or Business) |
| OrderCalculate/ShipTos/ShipTo/Address @Label | Yes* | 1 | Text Attribute (25 chars max) | Ship To Address Label |
| OrderCalculate/ShipTos/ShipTo/Address/Name | Yes* | 1 | Container | |
| OrderCalculate/ShipTos/ShipTo/Address/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Ship To First Name |
| OrderCalculate/ShipTos/ShipTo/Address/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Ship To Last Name |
| OrderCalculate/ShipTos/ShipTo/Address/CompanyName | No | 1 | Text Node (100 chars max) | Ship To Company Name <ul style="list-style-type: none"> • Usage of the Company Name field is set at Customers/Types in the OMS |
| OrderCalculate/ShipTos/ShipTo/Address/StreetAddress1 | Yes* | 1 | Text Node (100 chars max) | Ship To Street Address (Line 1) |
| OrderCalculate/ShipTos/ShipTo/Address/StreetAddress2 | No | 1 | Text Node (100 chars max) | Ship To Street Address (Line 2) |
| OrderCalculate/ShipTos/ShipTo/Address/City | Yes* | 1 | Text Node (50 chars max) | Ship To City |
| OrderCalculate/ShipTos/ShipTo/Address/StateProvinceCode | No | 1 | Text Node (2 chars max) | Ship To State/Province Code |
| OrderCalculate/ShipTos/ShipTo/Address/ZipPostalCode | Yes* | 1 | Text Node (20 chars max) | Ship To Zip/Postal Code |
| OrderCalculate/ShipTos/ShipTo/Address/CountryCode | Yes* | 1 | Text Node (2 chars max) | Ship To Country Code |
| OrderCalculate/ShipTos/ShipTo/Products | Yes | 1 | Container | Indicates the product(s) that will be included in the order <ul style="list-style-type: none"> • Products must already exist; see ProductUpdate to add new products |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|-------------------------------|--|
| OrderCalculate/ShipTos/ShipTo/Products/Product | Yes | 1 + | Container | Products can be matched using the ProductNo, the ProductName, or the ProductSKU. SKU-level items for a particular Product can be matched using one of the nodes listed above, along with a SKUItem node. The SKU node can be used to match any unique SKU number declared at the Product level or at the SKU level |
| OrderCalculate/ShipTos/ShipTo/Products/Product/ProductNo | No | 1 | Integer Node | Product Number (for matching purposes) |
| OrderCalculate/ShipTos/ShipTo/Products/Product/ProductName | No | 1 | Text Node (100 chars max) | Product Name (for matching purposes) |
| OrderCalculate/ShipTos/ShipTo/Products/Product/ProductSKU | No | 1 | Text Node (50 chars max) | Product SKU number (for matching purposes) |
| OrderCalculate/ShipTos/ShipTo/Products/Product/SKU | No | 1 | Text Node (50 chars max) | Product-level or SKU-level SKU number (for matching purposes) • Note that this node is used <i>instead of</i> the ProductNo, ProductName, ProductSKU, and SKUItem node(s) to identify a Product or a SKU-level item for a Product |
| OrderCalculate/ShipTos/ShipTo/Products/Product/SKUItem | No | 1 | Container | |
| OrderCalculate/ShipTos/ShipTo/Products/Product/SKUItem @SKU | No | 1 | Text Attribute (50 chars max) | SKU-level SKU number (for matching purposes) |
| OrderCalculate/ShipTos/ShipTo/Products/Product/SKUItem/Attributes | No | 1 | Container | |
| OrderCalculate/ShipTos/ShipTo/Products/Product/SKUItem/Attributes/Attribute | Yes* | 1 + | Text Node (50 chars max) | SKU Attribute value |
| OrderCalculate/ShipTos/ShipTo/Products/Product/SKUItem/Attributes/Attribute @Name | Yes* | 1 | Text Attribute (50 chars max) | SKU Attribute Name |
| OrderCalculate/ShipTos/ShipTo/Products/Product/WriteIns | No | 1 | Container | Include if the product requires Write-In attributes |
| OrderCalculate/ShipTos/ShipTo/Products/Product/WriteIns/WriteIn | Yes* | 1 + | Text Node (4000 chars max) | Write-In attribute value |
| OrderCalculate/ShipTos/ShipTo/Products/Product/WriteIns/WriteIn @Name | Yes* | 1 | Text Attribute (50 chars max) | Write-In attribute name |
| OrderCalculate/ShipTos/ShipTo/Products/Product/Qty | Yes | 1 | Integer Node | Product Quantity |
| OrderCalculate/ShipTos/ShipTo/Products/Product/Unit Price | No | 1 | Currency Node | Product Unit Price |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|-------------------------------|--|
| OrderCalculate/ShipTos/ShipTo/Products/Product/Subscription | No | 1 | Container | Include to order a Subscription • If the product is Subscription Only and this container is not included, the first Subscription Option is used |
| OrderCalculate/ShipTos/ShipTo/Products/Product/Subscription/Frequency | Yes* | 1 | Integer Node | Subscription Frequency (integer value) |
| OrderCalculate/ShipTos/ShipTo/Products/Product/Subscription/Frequency@Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Frequency Type (Days, Weeks, or Months) |
| OrderCalculate/ShipTos/ShipTo/Products/Product/Subscription/Term | No | 1 | Integer Node | Subscription Term (integer value) • Omit for a Subscription of indefinite length |
| OrderCalculate/ShipTos/ShipTo/Products/Product/Subscription/Term @Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Term Type (Days, Weeks, Months, or Years) |
| OrderCalculate/Pickups | No | 1 | Container | For Product Orders that are Picked Up |
| OrderCalculate/Pickups/Pickup | Yes* | 1 + | Container | |
| OrderCalculate/Pickups/Pickup @Location | No | 1 | Text Attribute (25 chars max) | Internal Name of Pickup Location |
| OrderCalculate/Pickups/Pickup/Products | Yes | 1 | Container | Indicates the product(s) that will be included in the order • Products must already exist; see ProductUpdate to add new products |
| OrderCalculate/Pickups/Pickup/Products/Product | Yes | 1 + | Container | Products can be matched using the ProductNo, the ProductName, or the ProductSKU. SKU-level items for a particular Product can be matched using one of the nodes listed above, along with a SKUItem node. The SKU node can be used to match any unique SKU number declared at the Product level or at the SKU level |
| OrderCalculate/Pickups/Pickup/Products/Product/ProductNo | No | 1 | Integer Node | Product Number (for matching purposes) |
| OrderCalculate/Pickups/Pickup/Products/Product/ProductName | No | 1 | Text Node (100 chars max) | Product Name (for matching purposes) |
| OrderCalculate/Pickups/Pickup/Products/Product/ProductSKU | No | 1 | Text Node (50 chars max) | Product SKU number (for matching purposes) |
| OrderCalculate/Pickups/Pickup/Products/Product/SKU | No | 1 | Text Node (50 chars max) | Product-level or SKU-level SKU number (for matching purposes) • Note that this node is used <i>instead of</i> the ProductNo, ProductName, ProductSKU, and SKUItem node(s) to identify a Product or a SKU-level item for a Product |
| OrderCalculate/Pickups/Pickup/Products/Product/SKUItem | No | 1 | Container | |
| OrderCalculate/Pickups/Pickup/Products/Product/SKUItem @SKU | No | 1 | Text Attribute (50 chars max) | SKU-level SKU number (for matching purposes) |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|-------------------------------|---|
| OrderCalculate/Pickups/Pickup/Products/Product/SKUItem/Attributes | No | 1 | Container | |
| OrderCalculate/Pickups/Pickup/Products/Product/SKUItem/Attributes/Attribute | Yes* | 1 + | Text Node (50 chars max) | SKU Attribute value |
| OrderCalculate/Pickups/Pickup/Products/Product/SKUItem/Attributes/Attribute @Name | Yes* | 1 | Text Attribute (50 chars max) | SKU Attribute Name |
| OrderCalculate/Pickups/Pickup/Products/Product/WriteIns | No | 1 | Container | Include if the product requires Write-In attributes |
| OrderCalculate/Pickups/Pickup/Products/Product/WriteIns/WriteIn | Yes* | 1 + | Text Node (4000 chars max) | Write-In attribute value |
| OrderCalculate/Pickups/Pickup/Products/Product/WriteIns/WriteIn @Name | Yes* | 1 | Text Attribute (50 chars max) | Write-In attribute name |
| OrderCalculate/Pickups/Pickup/Products/Product/Qty | Yes | 1 | Integer Node | Product Quantity |
| OrderCalculate/Pickups/Pickup/Products/Product/Unit Price | No | 1 | Currency Node | Product Unit Price |
| OrderCalculate/Pickups/Pickup/Products/Product/Subscription | No | 1 | Container | Include to order a Subscription • If the product is Subscription Only and this container is not included, the first Subscription Option is used |
| OrderCalculate/Pickups/Pickup/Products/Product/Subscription/Frequency | Yes* | 1 | Integer Node | Subscription Frequency (integer value) |
| OrderCalculate/Pickups/Pickup/Products/Product/Subscription/Frequency @Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Frequency Type (Days, Weeks, or Months) |
| OrderCalculate/Pickups/Pickup/Products/Product/Subscription/Term | No | 1 | Integer Node | Subscription Term (integer value) • Omit for a Subscription of indefinite length |
| OrderCalculate/Pickups/Pickup/Products/Product/Subscription/Term @Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Term Type (Days, Weeks, Months, or Years) |
| IncludeDeliveryDates | No | 1 | Empty Node | Indicates that the Estimated Delivery Date and a list of Available Delivery Dates should be included in the OrderCalculateReply • Only present if the carrier has provided this information to Nexternal |
| ForceProceed | No | 1 | Empty Node | Indicates that the OrderCalculateRequest should proceed even if one or more requested OrderCalculate nodes is invalid |

OrderCalculateReply Schema

| Element Xpath | Always | Occurs | Type | Description |
|----------------------|---------------|---------------|-------------------------|--------------------------------------|
| @AccountName | Yes | 1 | Text Node (10 char max) | Client's Account Name (e.g. fairway) |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|----------------------------------|---|
| Order | Yes | 1 - 15 | Container | |
| Order/Customer | Yes | 1 | Container | |
| Order/Customer @MatchingField | No | 1 | Text Attribute (10 chars max) | Indicates which node in the query was used to match an existing customer (CustomerNo, Name, or Email) • Only present if a "MatchingField" attribute was included in the OrderCalculateQuery and an existing customer was found |
| Order/Customer/Customer No | No | 1 | Integer Node | Customer Number (for matching purposes only) • Only present if MatchingField="CustomerNo" was included in the OrderCalculateQuery and an existing customer was found |
| Order/Customer/Name | No | 1 | Container | Customer Name • Only present if MatchingField="Name" was included in the OrderCalculateQuery and an existing customer was found |
| Order/Customer/Name/Firs tName | Yes* | 1 | Text Node (50 chars max) | Customer First Name |
| Order/Customer/Name/Las tName | Yes* | 1 | Text Node (50 chars max) | Customer Last Name |
| Order/Customer/Email | No | 1 | Text Node (50 chars max) | Customer E-Mail Address • Only present if MatchingField="Email" was included in the OrderCalculateQuery and an existing customer was found |
| Order/Customer/Customer Type | Yes | 1 | Text Node (20 chars max) | Customer Type |
| Order/ShipTos | No | 1 | Container | Indicates the address(es) that the order product(s) will be shipped to |
| Order/ShipTos/ShipTo | Yes | 1 + | Container | |
| Order/ShipTos/ShipTo/Ad dress | Yes | 1 | Container | Ship To Address |
| Order/ShipTos/ShipTo/Ad dress/Name | Yes | 1 | Container | |
| Order/ShipTos/ShipTo/Ad dress/Name/FirstName | Yes | 1 | Text Node (50 chars max) | Ship To First Name |
| Order/ShipTos/ShipTo/Ad dress/Name/LastName | Yes | 1 | Text Node (50 chars max) | Ship To Last Name |
| Order/ShipTos/ShipTo/Ad dress/CompanyName | No | 1 | Text Node (100 chars max) | Ship To Company Name |
| Order/ShipTos/ShipTo/Ad dress/StreetAddress1 | Yes | 1 | Text Node (100 chars max) | Ship To Street Address (Line 1) |
| Order/ShipTos/ShipTo/Ad dress/StreetAddress2 | No | 1 | Text Node (100 chars max) | Ship To Street Address (Line 2) |
| Order/ShipTos/ShipTo/Ad dress/City | Yes | 1 | Text Node (50 chars max) | Ship To City |
| Order/ShipTos/ShipTo/Ad dress/StateProvCode | No | 1 | Text Node (2 chars max) | Ship To State/Province Code |
| Order/ShipTos/ShipTo/Ad dress/ZipPostalCode | Yes | 1 | Text Node (20 chars max) | Ship To Zip/Postal Code |
| Order/ShipTos/ShipTo/Ad dress/CountryCode | Yes | 1 | Text Node (2 chars max) | Ship To Country Code |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|-------------------------------|---|
| Order/ShipTos/ShipTo/ShipFrom | Yes | 1 | Container | |
| Order/ShipTos/ShipTo/ShipFrom @Name | Yes* | 1 | Text Attribute (50 chars max) | Internal Name of Ship From Address |
| Order/ShipTos/ShipTo/ShipFrom @SalesTaxRate | Yes* | 1 | Percentage Attribute | ShipFrom Address Sales Tax Rate |
| Order/ShipTos/ShipTo/Products | Yes | 1 | Container | Indicates the product(s) that will be included in the order |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product | Yes | 1 + | Container | |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product @Taxable | Yes | 1 | Text Attribute (3 chars max) | Product is Taxable (Yes or No) |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/ProductName | Yes | 1 | Text Node (100 chars max) | Product Name |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/ProductSKU | No | 1 | Text Node (50 chars max) | Product SKU number |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/SKUItem | No | 1 | Container | SKU-level item |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/SKUItem/Attributes | No | 1 | Container | |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/SKUItem/Attributes/Attribute | Yes* | 1 + | Text Node (50 chars max) | SKU Attribute value |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/SKUItem/Attributes/Attribute @Name | Yes* | 1 | Text Attribute (50 chars max) | SKU Attribute Name |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/Qty | Yes | 1 | Integer Node | Product Quantity |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/Qty @Inventory | Yes | 1 | Integer Node | Product Inventory |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/UnitWeight | Yes | 1 | Numeric Node | Product Unit Weight |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/UnitPrice | Yes | 1 | Currency Node | Product Unit Price |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/DiscountedPrice | No | 1 | Currency Node | Product Discounted Price (if applicable) |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/Subscription | No | 1 | Container | For Product Subscription (if applicable) |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/Subscription/Frequency | Yes* | 1 | Integer Node | Subscription Frequency (integer value) |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|------------------------------|--|
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/Subscription/Frequency@Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Frequency Type (Days, Weeks, or Months) |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/Subscription/Term | No | 1 | Integer Node | Subscription Term (integer value) • Omitted for a Subscription of indefinite length |
| Order/ShipTos/ShipTo/ShipFrom/Products/Product/Subscription/Term@Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Term Type (Days, Weeks, Months, or Years) |
| Order/ShipTos/ShipTo/ShipFrom/ShipWeight | Yes | 1 | Numeric Node | Shipping Weight |
| Order/ShipTos/ShipTo/ShipFrom/ShippingOptions | Yes | 1 | Container | All available Shipping Options (see: ShipTo/ShipFrom @Name) • See Settings/Shipping/Show Zones & Rates in the OMS for all configured Shipping Options |
| Order/ShipTos/ShipTo/ShipFrom/ShippingOptions/ShippingOption | Yes | 1 + | Container | |
| Order/ShipTos/ShipTo/ShipFrom/ShippingOptions/ShippingOption/ShipMethod | Yes | 1 | Text Node (50 chars max) | Shipping Method |
| Order/ShipTos/ShipTo/ShipFrom/ShippingOptions/ShippingOption/ShipRate | Yes | 1 | Currency Node | Shipping Rate |
| Order/ShipTos/ShipTo/ShipFrom/ShippingOptions/ShippingOption/ShipTax | No | 1 | Currency Node | Shipping Tax (if applicable) |
| Order/ShipTos/ShipTo/ShipFrom/ShippingOptions/ShippingOption/ExpectedShipDate | No | 1 | Date Node | Expected Ship Date (if applicable) |
| Order/ShipTos/ShipTo/ShipFrom/ShippingOptions/ShippingOption/ExpectedDeliveryDate | No | 1 | Date Node | Expected Delivery Date • Included if IncludeDeliveryDates was requested and the carrier has returned an expected delivery date |
| Order/ShipTos/ShipTo/ShipFrom/ShippingOptions/ShippingOption/ExpectedDeliveryDate@TimeInTransit | No | 1 | Integer Attribute | Number of days the shipment will be in transit • Included if IncludeDeliveryDates was requested and the carrier has returned the number of days the shipment will be in transit |
| Order/ShipTos/ShipTo/ShipFrom/ShippingOptions/ShippingOption/AvailableDeliveryDates | No | 1 | Container | List of available delivery dates • Included if IncludeDeliveryDates was requested and the carrier has returned a list of available delivery dates |
| Order/ShipTos/ShipTo/ShipFrom/ShippingOptions/ShippingOption/AvailableDeliveryDates/Date | Yes* | 1 + | Date Node | One or more Available Delivery Dates |
| Order/ShipTos/ShipTo/ShipFrom/ShippingOptions/Default | No | 1 | Empty Node | Present if this is the Default Shipping Option |
| Order/Pickups | No | 1 | Container | Indicates the Location where the order can be Picked Up |
| Order/Pickups/Pickup | Yes | 1 + | Container | |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|-------------------------------|--|
| Order/Pickups/Pickup@Location | Yes | 1 | Text Attribute | The Location name |
| Order/Pickups/Pickup@SalesTaxRate | Yes | 1 | Percentage Attribute | The Location Sales Tax Rate |
| Order/Pickups/Pickup/Products | Yes | 1 | Container | Indicates the product(s) that will be included in the order |
| Order/Pickups/Pickup/Products/Product | Yes | 1 + | Container | |
| Order/Pickups/Pickup/Products/Product@Taxable | Yes | 1 | Text Attribute (3 chars max) | Product is Taxable (Yes or No) |
| Order/Pickups/Pickup/Products/Product/ProductName | Yes | 1 | Text Node (100 chars max) | Product Name |
| Order/Pickups/Pickup/Products/Product/ProductNo | No | 1 | Integer Node | Product Number |
| Order/Pickups/Pickup/Products/Product/ProductSKU | No | 1 | Text Node (50 chars max) | Product SKU number |
| Order/Pickups/Pickup/Products/Product/SKUItem | No | 1 | Container | SKU-level item |
| Order/Pickups/Pickup/Products/Product/SKUItem/Attributes | No | 1 | Container | |
| Order/Pickups/Pickup/Products/Product/SKUItem/Attributes/Attribute | Yes* | 1 + | Text Node (50 chars max) | SKU Attribute value |
| Order/Pickups/Pickup/Products/Product/SKUItem/Attributes/Attribute@Name | Yes* | 1 | Text Attribute (50 chars max) | SKU Attribute Name |
| Order/Pickups/Pickup/Products/Product/Qty | Yes | 1 | Integer Node | Product Quantity |
| Order/Pickups/Pickup/Products/Product/Qty@Inventory | Yes | 1 | Integer Node | Product Inventory |
| Order/Pickups/Pickup/Products/Product/UnitWeight | Yes | 1 | Numeric Node | Product Unit Weight |
| Order/Pickups/Pickup/Products/Product/UnitPrice | Yes | 1 | Currency Node | Product Unit Price |
| Order/Pickups/Pickup/Products/Product/DiscountedPrice | No | 1 | Currency Node | Product Discounted Price (if applicable) |
| Order/Pickups/Pickup/Products/Product/Subscription | No | 1 | Container | For Product Subscription (if applicable) |
| Order/Pickups/Pickup/Products/Product/Subscription/Frequency | Yes* | 1 | Integer Node | Subscription Frequency (integer value) |
| Order/Pickups/Pickup/Products/Product/Subscription/Frequency@Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Frequency Type (Days, Weeks, or Months) |
| Order/Pickups/Pickup/Products/Product/Subscription/Term | No | 1 | Integer Node | Subscription Term (integer value) • Omitted for a Subscription of indefinite length |
| Order/Pickups/Pickup/Products/Product/Subscription/Term@Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Term Type (Days, Weeks, Months, or Years) |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|-------------------------------|--|
| Order/SubTotal | Yes | 1 | Currency Node | Order Subtotal |
| Order/Discounts | No | 1 | Container | |
| Order/Discounts/Category Discount | No | 1 + | Currency Node | Category Discount Amount |
| Order/Discounts/Category Discount @Name | Yes* | 1 | Text Attribute (50 chars max) | Category Name (for Category Discount) • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Order/Discounts/OrderDiscount | No | 1 | Currency Node | Order Discount Amount |
| Order/Discounts/CouponDiscount | No | 1 | Currency Node | Coupon Discount Amount |
| Order/Discounts/CouponDiscount @Code | Yes* | 1 | Text Attribute (50 chars max) | Coupon Code (for Coupon Discount) |
| Order/Discounts/CustomerDiscount | No | 1 | Currency Node | Customer Discount Amount |
| Order/Discounts/CustomerDiscount @Percent | No | 1 | Percent Attribute | Customer Discount Percent |
| Order/Discounts/GiftCard | No | 1 | Currency Node | Gift Card Discount Amount |
| Order/Discounts/GiftCertificate | No | 1 | Currency Node | Gift Certificate Discount Amount |
| Order/Discounts/LoyaltyDiscount | No | 1 | Currency Node | Customer Loyalty Discount Amount |
| Order/Gratuity | No | 1 | Currency Node | Gratuity Amount |
| Order/SalesTaxTotal | Yes | 1 | Currency Node | Order Sales Tax |

OrderCalculateRequest Example

```

<?xml version="1.0" encoding="utf-8"?>
<OrderCalculateRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <Key>Nk5\#/K#0:;!C:SfqVs0</Key>
  </Credentials>
  <OrderCalculate>
    <Customer MatchingField="Email">
      <Email>demo @demo.com</Email>
    </Customer>
    <ShipTos>
      <ShipTo Label="yourself">
        <Products>
          <Product>
            <ProductName>Nike Sphere Dry Polo</ProductName>
            <SKUItem>
              <Attributes>
                <Attribute Name="Color">Black</Attribute>
                <Attribute Name="Size">Small</Attribute>
              </Attributes>
            </SKUItem>
          </Product>
        </Products>
      </ShipTo>
    </ShipTos>
  </OrderCalculate>
</OrderCalculateRequest>

```



```

    <Qty>1</Qty>
  </Product>
</Products>
</ShipTo>
</ShipTos>
</OrderCalculate>
<IncludeDeliveryDates />
</OrderCalculateRequest>

```

OrderCalculateReply Example

```

<?xml version="1.0" encoding="utf-8"?>
<OrderCalculateReply AccountName="fairway">
  <Order>
    <Customer MatchingField="Email">
      <Email>demo @demo.com</Email>
      <CustomerType>Consumer</CustomerType>
    </Customer>
    <ShipTos>
      <ShipTo>
        <Address>
          <Name>
            <FirstName>Adam</FirstName>
            <LastName>Scott</LastName>
          </Name>
          <StreetAddress1>956 18th St.</StreetAddress1>
          <City>La Jolla</City>
          <StateProvCode>CA</StateProvCode>
          <ZipPostalCode>92037</ZipPostalCode>
          <CountryCode>US</CountryCode>
        </Address>
        <ShipFrom Name="FirstFairway">
          <Products>
            <Product>
              <ProductName>Nike Sphere Dry Polo</ProductName>
              <SKUItem>
                <Attributes>
                  <Attribute Name="Color">Black</Attribute>
                  <Attribute Name="Size">Small</Attribute>
                </Attributes>
              </SKUItem>
              <Qty Inventory="1000">1</Qty>
              <UnitWeight>2.00</UnitWeight>
              <UnitPrice>60.00</UnitPrice>
            </Product>
          </Products>
          <ShipWeight>2.00</ShipWeight>
          <ShippingOptions>
            <ShipOption>
              <ShipMethod>FedEx Ground</ShipMethod>
              <ShipRate>7.32</ShipRate>
              <ExpectedDeliveryDate TimeInTransit="1">06/24/2014</ExpectedDeliveryDate>
              <AvailableDeliveryDates>
                <Date>06/25/2014</Date>
                <Date>06/26/2014</Date>
                <Date>06/27/2014</Date>
              </AvailableDeliveryDates>
            </ShipOption>
          </ShippingOptions>
        </ShipFrom>
      </ShipTo>
    </ShipTos>
  </Order>
</OrderCalculateReply>

```

```
<Date>06/30/2014</Date>
<Date>07/01/2014</Date>
<Date>07/02/2014</Date>
<Date>07/03/2014</Date>
<Date>07/07/2014</Date>
<Date>07/08/2014</Date>
<Date>07/09/2014</Date>
<Date>07/10/2014</Date>
<Date>07/11/2014</Date>
<Date>07/14/2014</Date>
</AvailableDeliveryDates>
<Default />
</ShipOption>
</ShippingOptions>
</ShipFrom>
</ShipTo>
</ShipTos>
<SubTotal>60.00</SubTotal>
<Discounts>
  <CustomerDiscount Percent="10.00">6.00</CustomerDiscount>
</Discounts>
<SalesTaxTotal>4.32</SalesTaxTotal>
</Order>
</OrderCalculateReply>
```

8: OrderCreate

The OrderCreate tool is used to create new orders (Add Mode), create new Pending Orders (Pending Mode), or to import pre-existing orders from an external system (Import Mode).

Each OrderCreate node specifies the source of the order using a Customer container, one or more shipping destinations using the ShipTos container, one or more pickup locations using the Pickups container, and one or more line items using the Products and GiftCertificates containers. Additional information regarding the order can be specified using the BillTo container, the Payment container, the Discounts container, the PlacedBy container, the Affiliate container, and the ShipCompliant container. In Import Mode, you may include other information that might be relevant to the order using the OrderDate node, the BillingStatus node, the LineItemStatus node, the ExpectedPickupDate and PickupDate nodes, the PickedUpBy node, the ShipDate node, and the TrackingNumber node.

The OrderCreate tool may be used to create orders for new or pre-existing customers, but products included in the OrderCreateRequest must be pre-existing. In Add Mode, automatic e-mails (e.g. Order Confirmation E-Mails, Order Notification E-Mails, Gift Certificate E-Mails, Drop Ship E-Mails) are sent when an OrderCreateRequest is processed, subject to the appropriate settings in the OMS. Please note that an OrderCreate request cannot contain both a Pickups container and a ShipTos container within the same order.

The Strict node in the OrderCreateRequest will cause the tool to enforce all existing settings and configurations from the OMS. If the Strict node is included, all applicable validations are applied against all information in the OrderCreateRequest.

The AllowNonPreferredCreditCard node in the OrderCreateRequest will allow the Order to be created if the Customer has at least one unexpired credit card on file as a Saved Credit Card in the OMS.

The ForceProceed node in the OrderCreateRequest forces the tool to proceed with valid order requests even if there is an invalid order request. In such a scenario, the corresponding Order containers for the invalid requests in the OrderCreateReply contain the Error XML elements specified in Chapter 15 (Errors) in lieu of the elements specified in the OrderCreateReply schema. If the ForceProceed node is not included in the OrderCreateRequest, any invalid Order requests result in the failure of all subsequent Order requests in the query.

The ReplaceExistingOrder node in the OrderCreate container replaces an existing order with a new order based on the contents of the OrderCreate XML. Only the Tags, Comments, Affiliate, and Transactions from the existing order are preserved; the Customer in the new order must also match the Customer in the existing order.

When new orders are added, most of the settings and configurations are applied by default, regardless of the presence or absence of the Strict node. In Import Mode, it is recommend that you not include the Strict node in the OrderCreateRequest if any of the nodes listed in the OrderCreateRequest Schema contain information that isn't aligned with the current settings and configuration of your OMS (e.g. some pre-existing orders were paid for with American Express and your storefront only accepts Visa and MasterCard).

A single OrderCreateRequest may contain no more than 15 OrderCreate containers. If you wish to create more than 15 orders, you must do so in an iterative manner.

Note: Customer Type Upgrades do apply to OrderCreate. Autocoupons and Automatic Add Triggers do not apply.

OrderCreateRequest URL: <https://www.nexternal.com/shared/xml/ordercreate.rest>

OrderCreateRequest Schema

| Element Xpath | Required | Occurs | Type | Description |
|----------------------------------|----------|--------|------------------------------|--|
| Credentials | Yes | 1 | Container | Note that the supplied Credentials must contain the Client's XML Key <u>or</u> a UserName and Password, but not both |
| Credentials/AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| Credentials/Key | No | 1 | Text Node (20 chars max) | Client's XML Key |
| Credentials/UserName | No | 1 | Text Node (50 chars max) | XML Tools User Name <ul style="list-style-type: none"> • See Users / New Users / Access Level in the OMS for more information about the XML Tools Access Level |
| Credentials/Password | No | 1 | Text Node (50 chars max) | XML Tools User Password |
| OrderCreate | Yes | 1 - 15 | Container | |
| OrderCreate @Mode | Yes | 1 | Text Attribute (6 chars max) | Order Create Mode (Add, Import, or Pending) |
| OrderCreate/ReplaceExistingOrder | No | 1 | Integer Node | Existing Order Number <ul style="list-style-type: none"> • Completely replace an existing order with a new order based on the contents of the remaining XML OrderCreate request. • The Customer and Order Type of the existing order must match the Customer and Order Type in the new order. Gift Certificate Orders cannot be replaced after one or more certificates have been used. |
| OrderCreate/Customer | Yes | 1 | Container | |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|---|---|
| OrderCreate/Customer@MatchingField | No | 1 | Text Attribute (10 chars max) | Indicates which node in the query will be used to match an existing customer (CustomerNo, Name, or Email) <ul style="list-style-type: none"> • If MatchingField is included and a customer match is found, the existing customer will be used; otherwise a new customer will be created • If MatchingField is <u>not</u> included, a new customer will be created |
| OrderCreate/Customer/CustomerNo | No | 1 | Integer Node | Customer Number (for matching purposes only) <ul style="list-style-type: none"> • Required if MatchingField="CustomerNo" |
| OrderCreate/Customer/Name | No | 1 | Container | Customer Name <ul style="list-style-type: none"> • Required if MatchingField="Name" |
| OrderCreate/Customer/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Customer First Name |
| OrderCreate/Customer/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Customer Last Name |
| OrderCreate/Customer/Email | No | 1 | Text Node (50 chars max) | Customer E-Mail Address <ul style="list-style-type: none"> • Required if MatchingField="Email" |
| OrderCreate/Customer/Email@DefaultTo | No | 1 | Text Attribute (21 chars max) | Default To value when duplicate Customer records are encountered (Most Recently Created, Most Recently Updated, Most Orders Placed, or Highest Customer Rank) <ul style="list-style-type: none"> • If a query based on the Customer E-Mail Address returns more than one Customer record the query will use the DefaultTo attribute value to determine which Customer record to use • If no value is specified and duplicate Customer records are encountered, an error response will be returned |
| OrderCreate/Customer/CustomerPassword | No | 1 | Container | For Customer Password (for creating new customers only) |
| OrderCreate/Customer/CustomerPassword/Password | No | 1 | Text Node (50 chars max) | Customer Password <ul style="list-style-type: none"> • If Mode="Add" or "Pending", password may be auto-generated, based on the XML Passwords field (Customers/Password Preferences in the OMS) |
| OrderCreate/Customer/CustomerType | No | 1 | Text Node (20 chars max) | Customer Type (for creating new customers only) <ul style="list-style-type: none"> • The default customer type is defined at Customers/Types in the OMS |
| OrderCreate/Customer/CustomerField1 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #1 Value (for creating new customers only) <ul style="list-style-type: none"> • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField1@Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #1 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField2 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #2 Value (for creating new customers only) <ul style="list-style-type: none"> • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField2@Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #2 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|---|--|
| OrderCreate/Customer/CustomerField3 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #3 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField3 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #3 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField4 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #4 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField4 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #4 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField5 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #5 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField5 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #5 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField6 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #6 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField6 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #6 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField7 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #7 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField7 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #7 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField8 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #8 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField8 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #8 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField9 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #9 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField9 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #9 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField10 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #10 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|---|--|
| OrderCreate/Customer/CustomerField10 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #10 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField11 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #11 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField11 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #11 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField12 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #12 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField12 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #12 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField13 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #13 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField13 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #13 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField14 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #14 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField14 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #14 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField15 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #15 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField15 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #15 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField16 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #16 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField16 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #16 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField17 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #17 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField17 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #17 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|---|--|
| OrderCreate/Customer/CustomerField18 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #18 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField18 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #18 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField19 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #19 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField19 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #19 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Customer/CustomerField20 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #20 Value (for creating new customers only) • Node Type depends on Field Type of Custom Field |
| OrderCreate/Customer/CustomerField20 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #20 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/BillTo | No | 1 | Container | Customer Bill To Address • If a pre-existing customer is used and this container is omitted, the customer's Primary Bill To Address is used (or Contact Address, if there is no Primary Bill To Address) • Required if you are creating a new customer |
| OrderCreate/BillTo/Addresses | Yes* | 1 | Container | Customer Bill To Address |
| OrderCreate/BillTo/Addresses @Type | Yes* | 1 | Text Attribute (11 chars max) | Customer Bill To Address Type (Residential or Business) |
| OrderCreate/BillTo/Addresses/Name | No | 1 | Container | May be omitted if Customer/Name node exists and you wish to use those values |
| OrderCreate/BillTo/Addresses/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Customer First Name |
| OrderCreate/BillTo/Addresses/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Customer Last Name |
| OrderCreate/BillTo/Addresses/CompanyName | No | 1 | Text Node (100 chars max) | Customer Bill To Company Name • Usage of the Company Name field is set at Customers/Types in the OMS |
| OrderCreate/BillTo/Addresses/StreetAddress1 | Yes* | 1 | Text Node (100 chars max) | Customer Bill To Street Address (Line 1) |
| OrderCreate/BillTo/Addresses/StreetAddress2 | No | 1 | Text Node (100 chars max) | Customer Bill To Street Address (Line 2) |
| OrderCreate/BillTo/Addresses/City | Yes* | 1 | Text Node (50 chars max) | Customer Bill To City |
| OrderCreate/BillTo/Addresses/StateProvCode | No | 1 | Text Node (2 chars max) | Customer Bill To State/Province Code |
| OrderCreate/BillTo/Addresses/ZipPostalCode | Yes* | 1 | Text Node (20 chars max) | Customer Bill To Zip/Postal Code |
| OrderCreate/BillTo/Addresses/CountryCode | Yes* | 1 | Text Node (2 chars max) | Customer Bill To Country Code |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|--------------------------|---|
| OrderCreate/BillTo/Addresses/PhoneNumber | Yes* | 1 | Text Node (50 chars max) | Customer Bill To Phone Number |
| OrderCreate/BillTo/Addresses/PhoneExt | No | 1 | Text Node (30 chars max) | Customer Bill To Phone Extension |
| OrderCreate/BillTo/Addresses/DoNotSaveAddress | No | 1 | Empty Node | Include only if Mode="Import" and data is being imported into an existing storefront OMS! <ul style="list-style-type: none"> • Used to prevent existing Customer Address / Address Book information from being overwritten by orders imported from an external source. Note that a Customer Contact Address will be created for the imported order if a matching Customer Address record cannot be found in the OMS. |
| OrderCreate/Payment | No | 1 | Container | Indicates the method of payment for the order <ul style="list-style-type: none"> • If a pre-existing Customer is used and the Payment container is not present the customer's Preferred Credit Card will be used. If the AllowNonPreferredCreditCard node is present in the OrderCreateRequest any credit card with a valid expiration date can also be used • A Payment container is required if a new Customer is being added to the OMS |
| OrderCreate/Payment/PaymentMethod | Yes* | 1 | Text Node (13 chars max) | Payment Method (CreditCard, COD, CustomPayment, Invoice, or Paypal) <ul style="list-style-type: none"> • If Mode="Add" or "Pending", only the Payment Methods selected in Settings/Billing Options in the OMS are valid • If Mode="Import", any one of the five Payment Method values listed above may be used |
| OrderCreate/Payment/CreditCard | No | 1 | Container | Required if the PaymentMethod is "CreditCard"; otherwise may not be used |
| OrderCreate/Payment/CreditCard/CreditCardType | Yes* | 1 | Text Node (10 chars max) | Credit Card Type (Visa, MasterCard, American Express, Diners Club, Discover, enRoute, or JCB) <ul style="list-style-type: none"> • If Mode="Add" or "Pending", or Mode="Import" but the order has not yet been billed or paid, only the Credit Card Types selected in Settings/Billing Options in the OMS are valid • If Mode="Import" and the order has already been billed or paid, any Credit Card Type may be used |
| OrderCreate/Payment/CreditCard/CreditCardNumber | No | 1 | Text Node (16 chars max) | Credit Card Number <ul style="list-style-type: none"> • If the PaymentMethod is "CreditCard": optional for Mode="Import"; either CreditCardNumber or CreditCardToken is required for Mode="Add" or "Pending" (if CreditCardToken is used, CreditCardNumber must include at least the last 4 digits of the credit card number) |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|------------------------------|---|
| OrderCreate/Payment/CreditCard/CreditCardExpDate | No | 1 | Date Node (mm/yyyy) | Credit Card Expiration Date <ul style="list-style-type: none"> • If Mode="Add" or "Pending", or Mode="Import" but the order has not yet been billed or paid, the Credit Card Expiration Date must be in the future • If Mode="Import" and the order has already been billed or paid, any Expiration Date is valid • Default value: current month and year |
| OrderCreate/Payment/CreditCard/CreditCardToken | No | 1 | Text Node (63 chars max) | Credit Card Token <ul style="list-style-type: none"> • If the PaymentMethod is "CreditCard": optional for Mode="Import"; either CreditCardNumber or CreditCardToken is required for Mode="Add" or "Pending" (if CreditCardToken is used, CreditCardNumber must include at least the last 4 digits of the credit card number) • May be included only if you are using a Payment Gateway (Settings/Compatible Software in the OMS) that supports tokenization |
| OrderCreate/Payment/CustomPayment | No | 1 | Text Node (20 chars max) | Required if the PaymentMethod is "CustomPayment"; otherwise may not be used <ul style="list-style-type: none"> • If Mode="Add" or "Pending", only the Custom Payment Names entered in Settings/Billing Options in the OMS are valid • If Mode="Import" any currently undefined Payment Method or Name may be used |
| OrderCreate/Payment/Purchase Order Number | No | 1 | Text Node (40 chars max) | Purchase Order Number <ul style="list-style-type: none"> • Applicable only if the selected PaymentMethod allows Purchase Order Numbers (Settings/Billing Options in the OMS) |
| OrderCreate/Discounts | No | 1 | Container | Discounts applied to the order |
| OrderCreate/Discounts/CouponCode | No | 1 | Text Node (50 chars max) | Coupon Code <ul style="list-style-type: none"> • Ignored if Mode="Import" |
| OrderCreate/Discounts/GiftCard | No | 1 | Text Node (19 chars max) | FlexCache Gift Card Number <ul style="list-style-type: none"> • Ignored if Mode="Import" |
| OrderCreate/Discounts/GiftCard @PIN | Yes* | 1 | Text Attribute (4 chars max) | FlexCache Gift Card PIN |
| OrderCreate/Discounts/GiftCertificate | No | 1 | Text Node (20 chars max) | Gift Certificate Code <ul style="list-style-type: none"> • Ignored if Mode="Import" |
| OrderCreate/Discounts/LoyaltyDiscount | No | 1 | Empty/Currency Node | Customer Loyalty Discount Amount <ul style="list-style-type: none"> • If empty, the maximum possible Loyalty Discount will be applied, based on the customer's available Loyalty Points |
| OrderCreate/Discounts/OrderDiscount | No | 1 | Currency Node | Order Discount <ul style="list-style-type: none"> • Ignored if Mode="Add" or "Pending" |
| OrderCreate/Gratuity | No | 1 | Currency Node | Gratuity Amount |
| OrderCreate/PlacedBy | No | 1 | Container | |
| OrderCreate/PlacedBy/PlacedByMethod | Yes* | 1 | Text Node (25 chars max) | Placed By (Internet, Phone, Fax, Mail, or Other) |
| OrderCreate/PlacedBy/OtherMethod | Yes* | 1 | Text Node (25 chars max) | Include only if PlacedByMethod is "Other" |
| OrderCreate/PlacedBy/CustomerIPAddress | No | 1 | Text Node (15 chars max) | Customer IP Address <ul style="list-style-type: none"> • Include only if PlacedByMethod is "Internet" |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|-------------------------------|--|
| OrderCreate/PlacedBy/PlacedWith | No | 1 | Container | Values entered into the PlacedWith container must belong to an existing User • Include only if PlacedByMethod is <u>not</u> "Internet" |
| OrderCreate/PlacedBy/PlacedWith/Name | Yes* | 1 | Container | |
| OrderCreate/PlacedBy/PlacedWith/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Placed With First Name |
| OrderCreate/PlacedBy/PlacedWith/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Placed With Last Name |
| OrderCreate/ShipCompliant | No | 1 | Container | If ShipCompliant is in use (Settings/Compatible Software/ShipCompliant) this container is used to override the OMS ShipCompliant Preferences • If Mode="Import" and ShipCompliant is in use, this container is required |
| OrderCreate/ShipCompliant/CommitOption | Yes* | 1 | Text Node (14 chars max) | ShipCompliant Commit Option (All, Compliant Only, or None) • If Mode="Import" and the order being imported has already been processed by ShipCompliant, set this node to "None" to prevent duplicate processing |
| OrderCreate/ShipCompliant/OverrideOption | Yes* | 1 | Text Node (20 chars max) | ShipCompliant Override Option (Never Override, Allow Unless Shipped, Always Allow, or Always Override) • If Mode="Import" and the order being imported has already been processed by ShipCompliant set this node to "Never Override" to prevent duplicate processing |
| OrderCreate/ShipCompliant/AddressIgnore | No | 1 | Empty Node | ShipCompliant Ignore Invalid Address |
| OrderCreate/ShipTos | No | 1 | Container | For Ship To Addresses |
| OrderCreate/ShipTos/ShipTo | Yes* | 1 + | Container | |
| OrderCreate/ShipTos/ShipTo @Label | No | 1 | Text Attribute (25 chars max) | Address Label (for matching purposes) • If the Label value is "yourself" the customer's Primary Ship To Address will be used (or Contact Address, if there is no Primary Ship To) • If the Label value is <u>not</u> "yourself" it must match an existing Customer Address |
| OrderCreate/ShipTos/ShipTo @ID | No | 1 | Integer Attribute | Customer Additional Addresses ID |
| OrderCreate/ShipTos/ShipTo/Address | No | 1 | Container | Ship To Address • If ShipTo @Label or @ID is used, the ShipTo/Address container is ignored • If the ShipTo/Address container is not present the Customer Primary Shipping Address will be used (or Contact Address, if there is no Primary Ship To) |
| OrderCreate/ShipTos/ShipTo/Address @Type | Yes* | 1 | Text Attribute (11 chars max) | Ship To Address Type (Residential or Business) |
| OrderCreate/ShipTos/ShipTo/Address @Label | Yes* | 1 | Text Attribute (25 chars max) | Ship To Address Label |
| OrderCreate/ShipTos/ShipTo/Address/Name | Yes* | 1 | Container | |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|-------------------------------|---|
| OrderCreate/ShipTos/ShipTo/Address/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Ship To First Name |
| OrderCreate/ShipTos/ShipTo/Address/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Ship To Last Name |
| OrderCreate/ShipTos/ShipTo/Address/CompanyName | No | 1 | Text Node (100 chars max) | Ship To Company Name • Usage of the Company Name field is set at Customers/Types in the OMS |
| OrderCreate/ShipTos/ShipTo/Address/StreetAddress1 | Yes* | 1 | Text Node (100 chars max) | Ship To Street Address (Line 1) |
| OrderCreate/ShipTos/ShipTo/Address/StreetAddress2 | No | 1 | Text Node (100 chars max) | Ship To Street Address (Line 2) |
| OrderCreate/ShipTos/ShipTo/Address/City | Yes* | 1 | Text Node (50 chars max) | Ship To City |
| OrderCreate/ShipTos/ShipTo/Address/StateProvCode | No | 1 | Text Node (2 chars max) | Ship To State/Province Code |
| OrderCreate/ShipTos/ShipTo/Address/ZipPostalCode | Yes* | 1 | Text Node (20 chars max) | Ship To Zip/Postal Code |
| OrderCreate/ShipTos/ShipTo/Address/CountryCode | Yes* | 1 | Text Node (2 chars max) | Ship To Country Code |
| OrderCreate/ShipTos/ShipTo/Address/PhoneNumber | Yes* | 1 | Text Node (50 chars max) | Ship To Phone Number |
| OrderCreate/ShipTos/ShipTo/Address/PhoneExt | No | 1 | Text Node (30 chars max) | Ship To Phone Extension |
| OrderCreate/ShipTos/ShipTo/Address/PrimaryShipAddress | No | 1 | Empty Node | Sets address as customer's Primary Shipping Address |
| OrderCreate/ShipTos/ShipTo/Address/DoNotSaveAddress | No | 1 | Empty Node | • Used to prevent existing Customer Address / Address Book information from being overwritten by orders imported from an external source. |
| OrderCreate/ShipTos/ShipTo/GiftWrap | No | 1 | Empty Node | Indicates Gift Wrapping is requested |
| OrderCreate/ShipTos/ShipTo/GiftMessage | No | 1 | Text Node | Gift Message |
| OrderCreate/ShipTos/ShipTo/Shipping | Yes | 1 | Container | |
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments | Yes | 1 | Container | |
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments/ShipFrom | No | 1 + | Container | Include if you would like to declare preferred shipping methods for one or more ShipFrom locations (Settings/Site Options/Ship From Addresses in the OMS) |
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments/ShipFrom @Name | Yes* | 1 | Text Attribute (50 chars max) | Ship-From Location Internal Name |
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments/ShipFrom/ShipMethod | Yes* | 1 | Text Node (60 chars max) | Preferred Shipping Method (see Settings/Shipping/Show Zones & Rates in the OMS) |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|--------------------------|---|
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments/ShipFrom/ShipRate | No | 1 | Currency Node | Shipping Rate • Required if Mode="Import" and ShipMethod is not one of the Shipping Options available for the ShipFrom location (see Settings/Shipping/Show Zones & Rates in the OMS) |
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments/ShipFrom/PreferredDeliveryDate | No | 1 | Container | |
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments/ShipFrom/DateTime | Yes* | 1 | Container | |
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments/ShipFrom/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Preferred Delivery Date • Preferred Delivery Date must be enabled in the OMS (Settings/Site Options) and Time In Transit information must be available |
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments/DefaultShipFrom | Yes* | 1 | Container | Default shipping method to be used if the preferred shipping method is not defined in Shipments/ShipFrom • DefaultShipFrom is required if a Shipping container is present in the query |
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments/DefaultShipFrom/ShipMethod | Yes* | 1 | Text Node (60 chars max) | Default Shipping Method • You can omit any special characters (e.g. ®) that appear in the method name |
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments/DefaultShipFrom/ShipRate | No | 1 | Currency Node | Shipping Rate • Required if Mode="Import" and ShipMethod is not one of the Shipping Options available for the ShipFrom location (see Settings/Shipping/Show Zones & Rates) |
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments/DefaultShipFrom/PreferredDeliveryDate | No | 1 | Container | |
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments/DefaultShipFrom/DateTime | Yes* | 1 | Container | |
| OrderCreate/ShipTos/ShipTo/Shipping/Shipments/DefaultShipFrom/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Preferred Delivery Date • Preferred Delivery Date must be enabled in the OMS (Settings/Site Options) and Time In Transit information must be available |
| OrderCreate/ShipTos/ShipTo/SalesTaxRate | No | 1 | Percent Node | Sales Tax Rate charged (if defined) • Invalid if ShipTo/SalesTaxAmount is used • If Sales Tax is not specified, the value configured in the OMS (Settings/Sales Tax) is used. |
| OrderCreate/ShipTos/ShipTo/SalesTaxAmount | No | 1 | Currency Node | Sales Tax Amount charged (if defined) • Invalid if ShipTo/SalesTaxRate is used • If Sales Tax is not specified, the value configured in the OMS (Settings/Sales Tax) is used |
| OrderCreate/ShipTos/ShipTo/Products | Yes | 1 | Container | Indicates the product(s) that will be included in the order • Products must already exist; see ProductUpdate to add new products |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|-------------------------------|--|
| OrderCreate/ShipTos/ShipTo/Products/Product | Yes | 1 + | Container | Products can be matched using the ProductNo, the ProductName, or the ProductSKU. SKU-level items for a particular Product can be matched using one of the nodes listed above, along with a SKUItem node. The SKU node can be used to match any unique SKU number declared at the Product level or at the SKU level |
| OrderCreate/ShipTos/ShipTo/Products/Product@ShipFrom | No | 1 | Text Attribute (50 chars max) | Ship-From Location Internal Name • If Ship-From Location is not specified, it is assigned automatically as in the Online Store |
| OrderCreate/ShipTos/ShipTo/Products/Product/ProductNo | No | 1 | Integer Node | Product Number (for matching purposes) |
| OrderCreate/ShipTos/ShipTo/Products/Product/ProductName | No | 1 | Text Node (100 chars max) | Product Name (for matching purposes) |
| OrderCreate/ShipTos/ShipTo/Products/Product/ProductSKU | No | 1 | Text Node (50 chars max) | Product SKU number (for matching purposes) |
| OrderCreate/ShipTos/ShipTo/Products/Product/SKU | No | 1 | Text Node (50 chars max) | Product-level or SKU-level SKU number (for matching purposes) • Note that this node is used <i>instead of</i> the ProductNo, ProductName, ProductSKU, and SKUItem node(s) to identify a Product or a SKU-level item for a Product |
| OrderCreate/ShipTos/ShipTo/Products/Product/SKUItem | No | 1 | Container | |
| OrderCreate/ShipTos/ShipTo/Products/Product/SKUItem@SKU | No | 1 | Text Attribute (50 chars max) | SKU-level SKU number (for matching purposes) |
| OrderCreate/ShipTos/ShipTo/Products/Product/SKUItem/Attributes | No | 1 | Container | |
| OrderCreate/ShipTos/ShipTo/Products/Product/SKUItem/Attributes/Attribute | Yes* | 1 + | Text Node (50 chars max) | SKU Attribute Value |
| OrderCreate/ShipTos/ShipTo/Products/Product/SKUItem/Attributes/Attribute@Name | Yes* | 1 | Text Attribute (50 chars max) | SKU Attribute Name |
| OrderCreate/ShipTos/ShipTo/Products/Product/WriteIns | No | 1 | Container | Include if the product has write-in attributes |
| OrderCreate/ShipTos/ShipTo/Products/Product/WriteIns/WriteIn | Yes* | 1 + | Text Node (4000 chars max) | Write-In attribute value |
| OrderCreate/ShipTos/ShipTo/Products/Product/WriteIns/WriteIn@Name | Yes* | 1 | Text Attribute (50 chars max) | Write-In attribute name |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|---|--|
| OrderCreate/ShipTos/ShipTo/Products/Product/Qty | Yes | 1 | Integer Node | Product Quantity • If Mode="Import" and neither ReplaceExistingOrder nor AllowInventoryUpdate applies; or Mode="Pending"; the Product Quantity will <u>not</u> be deducted from product inventory |
| OrderCreate/ShipTos/ShipTo/Products/Product/RequiredQty | No | 1 | Integer Node | Required Quantity • Applicable only if Mode="Pending"; may not exceed Product Quantity • Ignored if Mode="Add" or "Import" |
| OrderCreate/ShipTos/ShipTo/Products/Product/UnitPrice | No | 1 | Currency Node | Include to override the default product Unit Price • Product-level discounts defined in the OMS are ignored if this node is included • Required if the Product Pricing Model is "BID" |
| OrderCreate/ShipTos/ShipTo/Products/Product/Subscription | No | 1 | Container | Include to order a Subscription • If the product is Subscription Only and this container is not included, the first Subscription Option is used |
| OrderCreate/ShipTos/ShipTo/Products/Product/Subscription/Frequency | Yes* | 1 | Integer Node | Subscription Frequency (integer value) |
| OrderCreate/ShipTos/ShipTo/Products/Product/Subscription/Frequency @Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Frequency Type (Days, Weeks, or Months) |
| OrderCreate/ShipTos/ShipTo/Products/Product/Subscription/Term | No | 1 | Integer Node | Subscription Term (integer value) • Omit for a Subscription of indefinite length |
| OrderCreate/ShipTos/ShipTo/Products/Product/Subscription/Term @Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Term Type (Days, Weeks, Months, or Years) |
| OrderCreate/ShipTos/ShipTo/Products/Product/LineItemStatus | No | 1 | Text Node (20 chars max) | Line Item Status (Unshipped, In Process, Shipped, Backordered, or Preordered) • Ignored if Mode="Add" or "Pending" • Required if Mode="Import" |
| OrderCreate/ShipTos/ShipTo/Products/Product/LineItemCustomField | No | 1 | Text/Integer/Numeric/Currency/Date Node | Line Item Custom Field Value • Node Type depends on Field Type of Custom Field |
| OrderCreate/ShipTos/ShipTo/Products/Product/LineItemCustomField @Type | Yes* | 1 | Text Attribute (16 chars max) | Line Item Custom Field Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/ShipTos/ShipTo/Products/Product/ShipDate | No | 1 | Container | • Ignored if Mode="Add" or "Pending" • Required if Mode="Import" and the Line Item Status is "Shipped" |
| OrderCreate/ShipTos/ShipTo/Products/Product/ShipDate/DateTime | Yes* | 1 | Container | |
| OrderCreate/ShipTos/ShipTo/Products/Product/ShipDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Ship Date |
| OrderCreate/ShipTos/ShipTo/Products/Product/TrackingNumber | No | 1 | Text Node (50 chars max) | Tracking Number • Ignored if Mode="Add" or "Pending" • Include if Mode="Import" and the Line Item Status is "Shipped" |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|-------------------------------|--|
| OrderCreate/GiftCertificates | No | 1 | Container | Indicates the gift certificate purchase(s) that will be included in the order <ul style="list-style-type: none"> • The GiftCertificates container and all child nodes are ignored if Mode="Import" • The GiftCertificates container cannot be included in the same query as the Products container |
| OrderCreate/GiftCertificates/GiftCert | Yes* | 1 + | Container | |
| OrderCreate/GiftCertificates/GiftCert/GiftCertRecipient | Yes* | 1 | Container | |
| OrderCreate/GiftCertificates/GiftCert/GiftCertRecipient/Name | Yes* | 1 | Container | |
| OrderCreate/GiftCertificates/GiftCert/GiftCertRecipient/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Recipient First Name |
| OrderCreate/GiftCertificates/GiftCert/GiftCertRecipient/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Recipient Last Name |
| OrderCreate/GiftCertificates/GiftCert/GiftCertRecipient/Email | Yes* | 1 | Text Node (50 chars max) | Recipient E-Mail Address |
| OrderCreate/GiftCertificates/GiftCert/GiftCertAmount | Yes* | 1 | Currency Node | Gift Certificate Amount |
| OrderCreate/GiftCertificates/GiftCert/GiftCertMessage | No | 1 | Text Node | Gift Certificate Message (if provided) |
| OrderCreate/Pickups | No | 1 | Container | For Pickup Locations |
| OrderCreate/Pickups/Pickup | Yes* | 1 + | Container | |
| OrderCreate/Pickups/Pickup@Location | Yes* | 1 | Text Attribute (50 chars max) | Pickup Location Internal Name |
| OrderCreate/Pickups/Pickup/SalesTaxRate | No | 1 | Percent Node | Sales Tax Rate charged (if defined) <ul style="list-style-type: none"> • Invalid if ShipTo/SalesTaxAmount is used • If Sales Tax is not specified, the value configured in the OMS (Settings/Sales Tax) is used. |
| OrderCreate/Pickups/Pickup/SalesTaxAmount | No | 1 | Currency Node | Sales Tax Amount charged (if defined) <ul style="list-style-type: none"> • Invalid if ShipTo/SalesTaxRate is used • If Sales Tax is not specified, the value configured in the OMS (Settings/Sales Tax) is used. |
| OrderCreate/Pickups/Pickup/Products | Yes | 1 | Container | Indicates the product(s) that will be included in the order <ul style="list-style-type: none"> • Products must already exist; see ProductUpdate to add new products |
| OrderCreate/Pickups/Pickup/Products/Product | Yes | 1 + | Container | Products can be matched using the ProductNo, the ProductName, or the ProductSKU. SKU-level items for a particular Product can be matched using one of the nodes listed above, along with a SKUItem node. The SKU node can be used to match any unique SKU number declared at the Product level or at the SKU level |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|-------------------------------|--|
| OrderCreate/Pickups/Pickup/Products/Product/ProductNo | No | 1 | Integer Node | Product Number (for matching purposes) |
| OrderCreate/Pickups/Pickup/Products/Product/ProductName | No | 1 | Text Node (100 chars max) | Product Name (for matching purposes) |
| OrderCreate/Pickups/Pickup/Products/Product/ProductSKU | No | 1 | Text Node (50 chars max) | Product SKU number (for matching purposes) |
| OrderCreate/Pickups/Pickup/Products/Product/SKU | No | 1 | Text Node (50 chars max) | Product-level or SKU-level SKU number (for matching purposes) • Note that this node is used <i>instead of</i> the ProductNo, ProductName, ProductSKU, and SKUItem node(s) to identify a Product or a SKU-level item for a Product |
| OrderCreate/Pickups/Pickup/Products/Product/SKUItem | No | 1 | Container | |
| OrderCreate/Pickups/Pickup/Products/Product/SKUItem@SKU | No | 1 | Text Attribute (50 chars max) | SKU-level SKU number (for matching purposes) |
| OrderCreate/Pickups/Pickup/Products/Product/SKUItem/Attributes | No | 1 | Container | |
| OrderCreate/Pickups/Pickup/Products/Product/SKUItem/Attributes/Attribute | Yes* | 1 + | Text Node (50 chars max) | SKU Attribute Value |
| OrderCreate/Pickups/Pickup/Products/Product/SKUItem/Attributes/Attribute@Name | Yes* | 1 | Text Attribute (50 chars max) | SKU Attribute Name |
| OrderCreate/Pickups/Pickup/Products/Product/WriteIns | No | 1 | Container | Include if the product has write-in attributes |
| OrderCreate/Pickups/Pickup/Products/Product/WriteIns/WriteIn | Yes* | 1 + | Text Node (4000 chars max) | Write-In attribute value |
| OrderCreate/Pickups/Pickup/Products/Product/WriteIns/WriteIn@Name | Yes* | 1 | Text Attribute (50 chars max) | Write-In attribute name |
| OrderCreate/Pickups/Pickup/Products/Product/Qty | Yes | 1 | Integer Node | Product Quantity • If Mode="Import" and neither ReplaceExistingOrder nor AllowInventoryUpdate applies; or Mode="Pending"; the Product Quantity will <u>not</u> be deducted from product inventory |
| OrderCreate/Pickups/Pickup/Products/Product/RequiredQty | No | 1 | Integer Attribute | Required Quantity • Applicable only if Mode="Pending"; may not exceed Product Quantity • Ignored if Mode="Add" or "Import" |
| OrderCreate/Pickups/Pickup/Products/Product/UnitPrice | No | 1 | Currency Node | Include to override the default product Unit Price • Product-level discounts defined in the OMS are ignored if this node is included • Required if the Product Pricing Model is "BID" |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|---|--|
| OrderCreate/Pickups/Pickup/Products/Product/Subscription | No | 1 | Container | Include to order a Subscription • If the product is Subscription Only and this container is not included, the first Subscription Option is used |
| OrderCreate/Pickups/Pickup/Products/Product/Subscription/Frequency | Yes* | 1 | Integer Node | Subscription Frequency (integer value) |
| OrderCreate/Pickups/Pickup/Products/Product/Subscription/Frequency @Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Frequency Type (Days, Weeks, or Months) |
| OrderCreate/Pickups/Pickup/Products/Product/Subscription/Term | No | 1 | Integer Node | Subscription Term (integer value) • Omit for a Subscription of indefinite length |
| OrderCreate/Pickups/Pickup/Products/Product/Subscription/Term @Type | Yes* | 1 | Text Attribute (6 chars max) | Subscription Term Type (Days, Weeks, Months, or Years) |
| OrderCreate/Pickups/Pickup/Products/Product/LineItemStatus | No | 1 | Text Node (20 chars max) | Line Item Status (Not Ready, In Process, Ready, Picked Up, Backordered, or Preordered) • Ignored if Mode="Add" or "Pending" • Required if Mode="Import" |
| OrderCreate/Pickups/Pickup/Products/Product/LineItemCustomField | No | 1 | Text/Integer/Numeric/Currency/Date Node | Line Item Custom Field Value • Node Type depends on Field Type of Custom Field |
| OrderCreate/Pickups/Pickup/Products/Product/LineItemCustomField @Type | Yes* | 1 | Text Attribute (16 chars max) | Line Item Custom Field Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| OrderCreate/Pickups/Pickup/Products/Product/PickupDate | No | 1 | Container | • Ignored if Mode="Add" or "Pending" • Required if Mode="Import" and the Line Item Status is "Picked Up" |
| OrderCreate/Pickups/Pickup/Products/Product/PickupDate/DateTime | Yes* | 1 | Container | |
| OrderCreate/Pickups/Pickup/Products/Product/PickupDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Pickup Date |
| OrderCreate/ShipTos/ShipTo/Products/Product/PickedUpBy | No | 1 | Text Node (50 chars max) | First and Last Name of the Customer or Trustee that signed for the Order Line Item • Ignored if Mode="Add" or "Pending" • Include if Mode="Import" and the Line Item Status is "Picked Up" |
| OrderCreate/Pickups/Pickup/ExpectedPickupDate | No | 1 | Container | |
| OrderCreate/Pickups/Pickup/ExpectedPickupDate/DateTime | Yes* | 1 | Container | |
| OrderCreate/Pickups/Pickup/ExpectedPickupDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Expected Pickup Date |
| OrderCreate/Tags | No | 1 | Container | For order Tags • Ignored if the OrderCreate/ReplaceExistingOrder node exists (Tags are retained from the existing order) |
| OrderCreate/Tags/Tag | Yes* | 1 + | Text Node | Individual Tag • May not contain commas |

| Element Xpath | Required | Occurs | Type | Description |
|--------------------------------------|-----------------|---------------|-------------------------------|--|
| OrderCreate/CustomerComments | No | 1 | Text Node | Customer Comments • Ignored if the OrderCreate/ReplaceExistingOrder node exists (Comments are retained from the existing order) |
| OrderCreate/CompanyComments | No | 1 | Text Node | Company Comments • Ignored if the OrderCreate/ReplaceExistingOrder node exists (Comments are retained from the existing order) |
| OrderCreate/DisplayCompanyComments | No | 1 | Empty Node | Include to display Company Comments to the Customer • Ignored if the OrderCreate/ReplaceExistingOrder node exists (value is retained from the existing order) |
| OrderCreate/Affiliate | No | 1 | Text Node (50 chars max) | Affiliate Name • Affiliates must already exist in the OMS; new affiliates cannot be created with this query. • Ignored if the OrderCreate/ReplaceExistingOrder node exists (Affiliate is retained from the existing order) |
| OrderCreate/Affiliate@Category | No | 1 | Text Attribute (50 chars max) | Affiliate Category |
| OrderCreate/BillingStatus | No | 1 | Text Node (16 chars max) | Billing Status (Unbilled, Authorized, Billed, Billed-Partial, Paid, Paid-Partial) • Ignored if Mode="Add" or "Pending" • Required if Mode="Import" |
| OrderCreate/OrderDate | No | 1 | Container | Order Date • Ignored if Mode="Add" or "Pending" • Required if Mode="Import" |
| OrderCreate/OrderDate/Date/Time | Yes* | 1 | Container | |
| OrderCreate/OrderDate/Date/Time/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Order Date |
| OrderCreate/OrderDate/Date/Time/Time | Yes* | 1 | Time Node (hh:mm) | Order Time (default value: 00:00) |
| OrderCreate/Layout | No | 1 | Text Node (50 chars max) | Apply an Archived Layout to Order E-mails using the layout's Archive Name |
| OrderCreate/Integration | No | 1 | Container | See External Mapping for more information |
| AllowNonPreferredCreditCard | No | 1 | Empty Node | Indicates that the OrderCreate Request should proceed if there is at least one Saved Credit Card on file in the OMS with a valid expiration date |
| AllowInventoryUpdate | No | 1 | Empty Node | By default any orders that are imported (Mode="Import") <u>will not</u> adjust the Product Quantity inventory level in the OMS. Include this node during an order import to adjust the product inventory level • Ignored if Mode="Add" or "Pending" |
| ForceProceed | No | 1 | Empty Node | Indicates that the OrderCreate Request should proceed even if one or more requested OrderCreate nodes is invalid |

| Element Xpath | Required | Occurs | Type | Description |
|-----------------------|----------|--------|------------|--|
| SendConfirmationEmail | No | 1 | Empty Node | By default any orders that are imported (Mode="Import") <u>will not</u> send order or shipment confirmation email. Include this node during an order import to send order and shipment confirmation email • Ignored if Mode is not "Import" |
| Strict | No | 1 | Empty Node | Indicates the OrderCreate Request will be processed in strict accordance with all existing settings from the OMS |

OrderCreateReply Schema

| Element Xpath | Always | Occurs | Type | Description |
|---------------------|--------|--------|--------------------------|--|
| @AccountName | Yes | 1 | Text Node (10 char max) | Client's Account Name (e.g. fairway) |
| Order | Yes | 1 - 15 | Container | |
| Order @No | Yes | 1 | Integer Attribute | Order Number assigned by the OMS |
| Order/OrderStatus | Yes | 1 | Text Node (20 chars max) | Order Status • Product Orders: Unshipped, In Process, Shipped, Pending, Backordered, Preordered, Return-Ship Agent, Return-Customer, Shipped-Partial, or Other-See Line Items • Gift Certificate Orders: Unsent, Sent, Sent-Partial, or Other-See Line Items |
| Order/BillingStatus | Yes | 1 | Text Node (14 chars max) | Billing Status • Unbilled, Authorized, Billed, Billed-Partial, or Paid |
| Order/CustomerNo | Yes | 1 | Integer Node | Nexternal Customer Number |
| Order/Warning | No | 1 + | Text Node | Included if an Add or Import directive overrides an existing Customer or Product setting in the OMS |

OrderCreateRequest Example: Mode="Add"

```
<?xml version="1.0" encoding="utf-8"?>
<OrderCreateRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <UserName>xmlbob</UserName>
    <Password>XMLDem0Pwd</Password>
  </Credentials>
  <OrderCreate Mode="Add">
    <Customer MatchingField="Email">
      <Email DefaultTo="Most Recently Created">demo@demo.com</Email>
    </Customer>
    <Payment>
      <PaymentMethod>CreditCard</PaymentMethod>
      <CreditCard>
        <CreditCardType>Visa</CreditCardType>
        <CreditCardNumber>4111111111111111</CreditCardNumber>
        <CreditCardExpDate>08/2025</CreditCardExpDate>
      </CreditCard>
    </Payment>
  </OrderCreate>
</ShipTos>
```

```

    <ShipTo Label="yourself">
      <Products>
        <Product>
          <ProductName>Caddyshack DVD</ProductName>
          <Qty>1</Qty>
        </Product>
      </Products>
    </ShipTo>
  </ShipTos>
</OrderCreate>
</OrderCreateRequest>

```

OrderCreateRequest Example: Mode="Import"

```

<?xml version="1.0" encoding="utf-8"?>
<OrderCreateRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <Key>Nk5\#/K#0:{!C:SfqVs0</Key>
  </Credentials>
  <OrderCreate Mode="Import">
    <Customer>
      <Email>ssmith@somewhere.com</Email>
      <CustomerPassword>
        <Password>digby</Password>
      </CustomerPassword>
      <CustomerType>Consumer</CustomerType>
    </Customer>
    <BillTo>
      <Address Type="Residential">
        <Name>
          <FirstName>Susan</FirstName>
          <LastName>Smith</LastName>
        </Name>
        <StreetAddress1>123 Main St.</StreetAddress1>
        <City>San Diego</City>
        <StateProvCode>CA</StateProvCode>
        <ZipPostalCode>92107</ZipPostalCode>
        <CountryCode>US</CountryCode>
        <PhoneNumber>123-123-1234</PhoneNumber>
      </Address>
    </BillTo>
    <Payment>
      <PaymentMethod>CreditCard</PaymentMethod>
      <CreditCard>
        <CreditCardType>Discover</CreditCardType>
        <CreditCardNumber>601111111111117</CreditCardNumber>
        <CreditCardExpDate>06/2025</CreditCardExpDate>
      </CreditCard>
    </Payment>
    <ShipTos>
      <ShipTo>
        <Address Type="Residential">
          <Name>
            <FirstName>Susan</FirstName>
            <LastName>Smith</LastName>

```

```

</Name>
<StreetAddress1>123 Main St.</StreetAddress1>
<City>San Diego</City>
<StateProvCode>CA</StateProvCode>
<ZipPostalCode>92107</ZipPostalCode>
<CountryCode>US</CountryCode>
<PhoneNumber>123-123-1234</PhoneNumber>
</Address>
<Shipping>
  <Shipments>
    <DefaultShipFrom>
      <ShipMethod>FedEx Home Delivery</ShipMethod>
    </DefaultShipFrom>
  </Shipments>
</Shipping>
<Products>
  <Product>
    <ProductName>Caddyshack DVD</ProductName>
    <Qty>1</Qty>
    <LineItemStatus>Shipped</LineItemStatus>
    <ShipDate>
      <DateTime>
        <Date>01/03/2006</Date>
      </DateTime>
    </ShipDate>
  </Product>
</Products>
</ShipTo>
</ShipTos>
<BillingStatus>Paid</BillingStatus>
<OrderDate>
  <DateTime>
    <Date>01/02/2006</Date>
  </DateTime>
</OrderDate>
</OrderCreate>
</OrderCreateRequest>

```

OrderCreateReply Example

```

<?xml version="1.0" encoding="utf-8"?>
<OrderCreateReply AccountName="fairway">
  <Order No="102608">
    <OrderStatus>Unshipped</OrderStatus>
    <BillingStatus>Authorized</BillingStatus>
    <CustomerNo>3</CustomerNo>
  </Order>
</OrderCreateReply>

```

9: CustomerQuery

The CustomerQuery is used to query customer data, thus "exporting" customers from the OMS so that they may be "imported" into an external system.

You may submit a query based on Customer Address, Customer E-Mail Address, Customer Number Range, Customer Created Range, Customer Last Updated Range, Order Number Range, Order Date Range, or Ship/Send Date Range (but not more than one; the order-based queries refer to the customers who placed the orders). For ranges you may specify a Range Start, Range End, or both. Specifying only a Range Start has the meaning of "greater than or equal to", while only a Range End has the meaning of "less than or equal to". For example, a query based on only a Customer Number Range Start of 100 queries Customer Numbers 100 and greater.

In the case of a Customer Created Range, Customer Last Updated Range, or Order Date Range, you may specify a Start and/or End Date, and optionally a Time. If you do not specify a Time, a default value of 00:00 (i.e. 12:00 AM) is used. If you wish to specify the end of the day (particularly for a Range End), you must use a Time value of 23:59.

In the case of a Ship/Send Date Range, only customers who have placed orders in the queried range with an Order Status of Shipped (for product orders) or Sent (for gift certificate orders) are returned. Other customers are necessarily excluded from the query.

The CustomerQuery gives you the option, via the IncludePasswords node in the CustomerQueryRequest, of including Customer Passwords in the query. This can be useful if you need to integrate login information with an external system. If you choose to include Customer Passwords, you are responsible for taking the precautions that customers expect with such sensitive information.

A single CustomerQueryRequest returns no more than 15 Customer nodes in the corresponding CustomerQueryReply, even if the requested query includes more than 15 resulting customers. The presence of a NextPage node in the CustomerQueryReply indicates that a subsequent "page" of results exists. You may then use the Page node in the CustomerQueryRequest to iteratively request all orders in the query. Customers are always returned in the CustomerQueryReply in ascending order of Customer Name (Last Name, then First Name).

Note: If the Page node in the CustomerQueryRequest contains a page number greater than the maximum page number in the query results, the maximum page number is returned.

CurrentStatus Node

The CurrentStatus node in the CustomerQueryRequest gives you the option of obtaining a simple status snapshot on a large number of customers. To do so, specify a query range (Customer Number Range, Customer Created Range, Customer Last Updated Range,

Order Number Range, Order Date Range, or Ship/Send Date Range) along with the CurrentStatus node. The CustomerQueryReply will return a single node per customer, containing the Customer Number, Customer Last Name, Customer First Name, Customer E-Mail Address, Customer Type, and Customer Status. The maximum CustomerQueryReply page size with the CurrentStatus node is 2000.

CustomerQueryRequest URL:

<https://www.nexternal.com/shared/xml/customerquery.rest>

CustomerQueryRequest Schema

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|--------------------------|--|
| Credentials | Yes | 1 | Container | Note that the supplied Credentials must contain the Client's XML Key <u>or</u> a UserName and Password, but not both |
| Credentials/AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| Credentials/Key | No | 1 | Text Node (20 chars max) | Client's XML Key |
| Credentials/UserName | No | 1 | Text Node (50 chars max) | XML Tools User Name • See Users / New Users / Access Level in the OMS for more information about the XML Tools Access Level |
| Credentials/Password | No | 1 | Text Node (50 chars max) | XML Tools User Password |
| CustomerNoRange | No | 1 | Container | For query by Customer Number Range |
| CustomerNoRange/Custom erNoStart | No | 1 | Integer Node | Customer Number Range Start |
| CustomerNoRange/Custom erNoEnd | No | 1 | Integer Node | Customer Number Range End |
| CustomerCreatedRange | No | 1 | Container | For query by Customer Created Range |
| CustomerCreatedRange/Cu stomerCreatedStart | No | 1 | Container | |
| CustomerCreatedRange/Cu stomerCreatedStart/DateTi me | Yes* | 1 | Container | |
| CustomerCreatedRange/Cu stomerCreatedStart/DateTi me/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Created Date Range Start |
| CustomerCreatedRange/Cu stomerCreatedStart/DateTi me/Time | No | 1 | Time Node (hh:mm) | Created Date Range Start Time (default value: 00:00) |
| CustomerCreatedRange/Cu stomerCreatedEnd | No | 1 | Container | |
| CustomerCreatedRange/Cu stomerCreatedEnd/DateTi me | Yes* | 1 | Container | |
| CustomerCreatedRange/Cu stomerCreatedEnd/DateTi me/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Created Date Range End |
| CustomerCreatedRange/Cu stomerCreatedEnd/DateTi me/Time | No | 1 | Time Node (hh:mm) | Created Date Range End Time (default value: 00:00) |
| CustomerUpdRange | No | 1 | Container | For query by Customer Last Updated Range |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|------------------------|---|
| CustomerUpdRange/CustomerUpdStart | No | 1 | Container | |
| CustomerUpdRange/CustomerUpdStart/DateTime | Yes* | 1 | Container | |
| CustomerUpdRange/CustomerUpdStart/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Last Updated Date Range Start |
| CustomerUpdRange/CustomerUpdStart/DateTime/Time | No | 1 | Time Node (hh:mm) | Last Updated Date Range Start Time (default value: 00:00) |
| CustomerUpdRange/CustomerUpdEnd | No | 1 | Container | |
| CustomerUpdRange/CustomerUpdEnd/DateTime | Yes* | 1 | Container | |
| CustomerUpdRange/CustomerUpdEnd/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Last Updated Date Range End |
| CustomerUpdRange/CustomerUpdEnd/DateTime/Time | No | 1 | Time Node (hh:mm) | Last Updated Date Range End Time (default value: 00:00) |
| OrderNoRange | No | 1 | Container | For query by Order Number Range |
| OrderNoRange/OrderNoStart | No | 1 | Integer/TextNode | Order Number Range Start • Supports embedding a Segment Number with a hyphen (e.g. 102301-1) when Split Order Processing (Settings/Site Options) is enabled in the OMS; however, this has no effect on the query |
| OrderNoRange/OrderNoEnd | No | 1 | Integer/TextNode | Order Number Range End • Supports embedding a Segment Number with a hyphen (e.g. 102301-1) when Split Order Processing (Settings/Site Options) is enabled in the OMS; however, this has no effect on the query |
| OrderDateRange | No | 1 | Container | For query by Order Date Range |
| OrderDateRange/OrderDateStart | No | 1 | Container | |
| OrderDateRange/OrderDateStart/DateTime | Yes* | 1 | Container | |
| OrderDateRange/OrderDateStart/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Order Date Range Start |
| OrderDateRange/OrderDateStart/DateTime/Time | No | 1 | Time Node (hh:mm) | Order Date Range Start Time (default value: 00:00) |
| OrderDateRange/OrderDateEnd | No | 1 | Container | |
| OrderDateRange/OrderDateEnd/DateTime | Yes* | 1 | Container | |
| OrderDateRange/OrderDateEnd/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Order Date Range End |
| OrderDateRange/OrderDateEnd/DateTime/Time | No | 1 | Time Node (hh:mm) | Order Date Range End Time (default value: 00:00) |
| ShipDateRange | No | 1 | Container | For query by Ship/Send Date Range |
| ShipDateRange/ShipDateStart | No | 1 | Container | |
| ShipDateRange/ShipDateStart/DateTime | Yes* | 1 | Container | |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|---------------------------|---|
| ShipDateRange/ShipDateStart/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Ship/Send Date Range Start |
| ShipDateRange/ShipDateEnd | No | 1 | Container | |
| ShipDateRange/ShipDateEnd/DateTime | Yes* | 1 | Container | |
| ShipDateRange/ShipDateEnd/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Ship/Send Date Range End |
| CustomerAddress | No | 1 | Container | Used to query for a partial or complete Customer Contact Address |
| CustomerAddress/Name | No | 1 | Container | |
| CustomerAddress/Name/FirstName | No | 1 | Text Node (50 chars max) | Customer Contact First Name |
| CustomerAddress/Name/LastName | No | 1 | Text Node (50 chars max) | Customer Contact Last Name |
| CustomerAddress/CompanyName | No | 1 | Text Node (100 chars max) | Customer Contact Company Name • Usage of the Company Name field is set at Customers/Types in the OMS |
| CustomerAddress/StreetAddress1 | No | 1 | Text Node (100 chars max) | Customer Contact Street Address 1 |
| CustomerAddress/StreetAddress2 | No | 1 | Text Node (100 chars max) | Customer Contact Street Address 2 |
| CustomerAddress/City | No | 1 | Text Node (50 chars max) | Customer Contact City |
| CustomerAddress/StateProvinceCode | No | 1 | Text Node (2 chars max) | Customer Contact State/Province Code |
| CustomerAddress/ZipPostalCode | No | 1 | Text Node (20 chars max) | Customer Contact Zip/Postal Code |
| CustomerAddress/CountryCode | No | 1 | Text Node (2 chars max) | Customer Contact Country Code |
| CustomerAddress/PhoneNumber | No | 1 | Text Node (50 chars max) | Customer Contact Phone Number |
| IsTrustee | No | 1 | Empty Node | Used to query for Customers that are Trustees • Applicable only if Pickup Trustee Preferences is in use (Customers/Preferences in the OMS) |
| HasTrustee | No | 1 | Empty Node | Used to query for Customers that have a Trustee • Applicable only if Pickup Trustee Preferences is in use (Customers/Preferences in the OMS) |
| Trustee | No | 1 | Container | Used to query for a specific Trustee • Must contain a Trustee Customer ID, a Trustee E-Mail Address, or a Trustee Name • Applicable only if Pickup Trustee Preferences is in use (Customers/Preferences in the OMS) |
| Trustee/CustomerID | No | 1 | Integer Node | Trustee Customer Number |
| Trustee/Email | No | 1 | Text Node (50 chars max) | Trustee E-Mail Address |
| Trustee/Name | No | 1 | Container | |
| Trustee/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Trustee First Name |
| Trustee/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Trustee Last Name |
| CustomerEmail | No | 1 | Text Node | Used to query for a partial or complete Customer Contact E-Mail Address |

| Element Xpath | Required | Occurs | Type | Description |
|----------------------|-----------------|---------------|--------------------------|---|
| CreatedByNote | No | 1 | Text Node (25 chars max) | Used to query by Created By Note • The list of available values for this field can be viewed in the OMS Advanced Search Options for Customers |
| LastUpdByNote | No | 1 | Text Node (25 chars max) | Used to query by Last Updated By Note • The list of available values for this field can be viewed in the OMS Advanced Search Options for Customers |
| IncludePasswords | No | 1 | Empty Node | Indicates that Customer Passwords should be included in the CustomerQueryReply |
| IncludeActivities | No | 1 | Empty Node | Indicates that Customer Activities should be included in the CustomerQueryReply |
| IncludeOrderCount | No | 1 | Empty Node | Indicates that Customer Order Count should be included in the CustomerQueryReply |
| Integration | No | 1 | Container | See External Mapping for more information |
| CurrentStatus | No | 1 | Empty Node | Used to return the Customer Status (Active or Inactive) of all Customers that fall within the specified range • Allowed only when this node is combined with CustomerNoRange, CustomerCreatedRange, CustomerUpdRange, OrderNoRange, OrderDateRange, or ShipDateRange |
| Page | No | 1 | Integer Node | Requested page number of query results (default value: 1) |

CustomerQueryReply Schema (without CurrentStatus node)

| Element Xpath | Always | Occurs | Type | Description |
|---------------------------------|---------------|---------------|-------------------------------|---|
| @AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| @Page | Yes | 1 | Integer Attribute | Page number of query results |
| Customer | Yes | 1 - 15 | Container | |
| Customer/CustomerNo | Yes | 1 | Integer Node | Customer Number |
| Customer/Email | Yes | 1 | Text Node (50 chars max) | Customer E-Mail Address |
| Customer/Address | Yes | 1 | Container | For Customer Contact Address |
| Customer/Address @Type | Yes | 1 | Text Attribute (11 chars max) | Customer Contact Address Type (Residential or Business) |
| Customer/Address @ID | Yes | 1 | Integer Attribute | Customer Address Book ID |
| Customer/Address @Label | No | 1 | Text Attribute (25 chars max) | Customer Contact Address Label |
| Customer/Address/Name | Yes | 1 | Container | |
| Customer/Address/Name/FirstName | Yes | 1 | Text Node (50 chars max) | Customer First Name |
| Customer/Address/Name/LastName | Yes | 1 | Text Node (50 chars max) | Customer Last Name |
| Customer/Address/CompanyName | No | 1 | Text Node (100 chars max) | Customer Contact Company Name • Usage of the Company Name field is set at Customers/Types in the OMS |
| Customer/Address/StreetAddress1 | Yes | 1 | Text Node (100 chars max) | Customer Contact Street Address (Line 1) |

| Element Xpath | Always | Occurs | Type | Description |
|------------------------------------|---------------|---------------|---|---|
| Customer/Address/StreetAddress2 | No | 1 | Text Node (100 chars max) | Customer Contact Street Address (Line 2) |
| Customer/Address/City | Yes | 1 | Text Node (50 chars max) | Customer Contact City |
| Customer/Address/StateProvinceCode | No | 1 | Text Node (2 chars max) | Customer Contact State/Province Code |
| Customer/Address/ZipPostalCode | Yes | 1 | Text Node (20 chars max) | Customer Contact Zip/Postal Code |
| Customer/Address/CountryCode | Yes | 1 | Text Node (2 chars max) | Customer Contact Country Code |
| Customer/Address/PhoneNumber | Yes | 1 | Text Node (50 chars max) | Customer Contact Phone Number |
| Customer/Address/PhoneExtension | No | 1 | Text Node (30 chars max) | Customer Contact Phone Extension |
| Customer/Address/PrimaryShip | No | 1 | Empty Node | Indicates Primary Shipping Address |
| Customer/Address/PrimaryBill | No | 1 | Empty Node | Indicates Primary Billing Address |
| Customer/Address/InvalidAddress | No | 1 | Empty Node | Indicates Customer Contact Address has been flagged as invalid by UPS Address Validation |
| Customer/CustomField1 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #1 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField1@Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #1 Name |
| Customer/CustomField1@Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #1 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField2 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #2 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField2@Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #2 Name |
| Customer/CustomField2@Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #2 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField3 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #3 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField3@Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #3 Name |
| Customer/CustomField3@Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #3 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField4 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #4 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField4@Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #4 Name |
| Customer/CustomField4@Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #4 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |

| Element Xpath | Always | Occurs | Type | Description |
|---------------------------------|---------------|---------------|---|--|
| Customer/CustomField5 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #5 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField5 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #5 Name |
| Customer/CustomField5 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #5 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField6 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #6 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField6 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #6 Name |
| Customer/CustomField6 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #6 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField7 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #7 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField7 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #7 Name |
| Customer/CustomField7 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #7 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField8 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #8 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField8 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #8 Name |
| Customer/CustomField8 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #8 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField9 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #9 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField9 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #9 Name |
| Customer/CustomField9 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #9 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField10 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #10 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField10 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #10 Name |
| Customer/CustomField10 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #10 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField11 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #11 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField11 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #11 Name |

| Element Xpath | Always | Occurs | Type | Description |
|---------------------------------|---------------|---------------|---|--|
| Customer/CustomField11 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #11 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField12 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #12 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField12 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #12 Name |
| Customer/CustomField12 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #12 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField13 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #13 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField13 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #13 Name |
| Customer/CustomField13 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #13 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField14 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #14 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField14 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #14 Name |
| Customer/CustomField14 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #14 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField15 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #15 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField15 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #15 Name |
| Customer/CustomField15 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #15 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField16 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #16 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField16 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #16 Name |
| Customer/CustomField16 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #16 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField17 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #17 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField17 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #17 Name |
| Customer/CustomField17 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #17 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField18 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #18 Value • Node Type depends on Field Type of Custom Field |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|---|---|
| Customer/CustomField18 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #18 Name |
| Customer/CustomField18 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #18 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField19 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #19 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField19 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #19 Name |
| Customer/CustomField19 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #19 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField20 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #20 Value • Node Type depends on Field Type of Custom Field |
| Customer/CustomField20 @Name | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #20 Name |
| Customer/CustomField20 @Type | Yes* | 1 | Text Attribute (16 chars max) | Customer Custom Field #20 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomerDiscou nt | Yes | 1 | Percent Node | Customer Discount Percent |
| Customer/LoyaltyDiscount | No | 1 | Currency Node | Customer Loyalty Discount Available Amount |
| Customer/LoyaltyDiscount @Points | Yes* | 1 | Currency Attribute | Customer Loyalty Points Available |
| Customer/CustomerType | Yes | 1 | Text Node (20 chars max) | Customer Type |
| Customer/AgeVerification | No | 1 | Container | For Age Verification Results |
| Customer/AgeVerification/ VerificationFlag | Yes* | 1 | Text Node (6 chars max) | Age Verification Flag (Green, Yellow, or Red) |
| Customer/AgeVerify/Verifi cationNotes | No | 1 | Text Node | Age Verification Notes |
| Customer/Trustee | No | 1 | Container | For customers assigned aTrustee • Applicable only if Pickup Trustee Preferences is in use (Customers/Preferences in the OMS) |
| Customer/Trustee/Custome rID | Yes* | 1 | Integer Node | Trustee Customer Number |
| Customer/Trustee/Email | Yes* | 1 | Text Node (50 chars max) | Trustee E-Mail Address |
| Customer/Trustee/Name | Yes* | 1 | Container | |
| Customer/Trustee/Name/Fi rstName | Yes* | 1 | Text Node (50 chars max) | Trustee First Name |
| Customer/Trustee/Name/L astName | Yes* | 1 | Text Node (50 chars max) | Trustee Last Name |
| Customer/CustomerPasswo rd | No | 1 | Text Node (30 chars max) | Customer Password • Included only if the IncludePasswords node is present in the CustomerQueryRequest, and the customer has a Password |
| Customer/Affiliate | No | 1 | Container | |
| Customer/Affiliate/Affiliat eCategory | No | 1 | Text Node (100 chars max) | Affiliate Category |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|----------------------------------|---|
| Customer/Affiliate/AffiliateName | Yes* | 1 | Text Node (100 chars max) | Affiliate Name |
| Customer/Active | No | 1 | Empty Node | Indicates Customer is Active |
| Customer/MailingList | No | 1 | Empty Node | Indicates Customer in on Mailing List |
| Customer/IsTrustee | No | 1 | Empty Node | Indicates Customer is a Trustee • Applicable only if Pickup Trustee Preferences is in use (Customers/Preferences in the OMS) |
| Customer/Owner | No | 1 | Container | For customers assigned an owner |
| Customer/Owner/Name | Yes* | 1 | Container | |
| Customer/Owner/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Owner First Name |
| Customer/Owner/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Owner Last Name |
| Customer/FollowUpDate | No | 1 | Container | For customers assigned a follow-up date |
| Customer/ FollowUpDate /DateTime | Yes* | 1 | Container | |
| Customer/ FollowUpDate /DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Follow-up Date |
| Customer/Comments | No | 1 | Text Node | Notes/Comments |
| Customer/OrderCount | No | 1 | Container | Included only if the IncludeOrderCount node is present in the CustomerQueryRequest |
| Customer/OrderCount/Count | Yes* | 1 | Integer Node | Number of orders the customer has placed |
| Customer/OrderCount/FirstOrderDate | No | 1 | Date Node (mm/dd/yyyy) | Date of the customer's first order • Included only if OrderCount/Count is greater than zero |
| Customer/AdditionalAddresses | No | 1 | Container | For Additional Addresses |
| Customer/AdditionalAddresses/Address | Yes* | 1 + | Container | |
| Customer/AdditionalAddresses/Address @Type | Yes* | 1 | Text Attribute (11 chars max) | Additional Address Type (Residential or Business) |
| Customer/AdditionalAddresses/Address @ID | Yes* | 1 | Integer Attribute | Additional Address ID |
| Customer/AdditionalAddresses/Address @Label | No | 1 | Text Attribute (25 chars max) | Additional Address Label |
| Customer/AdditionalAddresses/Address/Name | Yes* | 1 | Container | |
| Customer/AdditionalAddresses/Address/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Additional Address First Name |
| Customer/AdditionalAddresses/Address/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Additional Address Last Name |
| Customer/AdditionalAddresses/Address/CompanyName | No | 1 | Text Node (100 chars max) | Additional Address Company Name • Usage of the Company Name field is set at Customers/Types in the OMS |
| Customer/AdditionalAddresses/Address/StreetAddress1 | Yes* | 1 | Text Node (100 chars max) | Additional Address Street Address (Line 1) |
| Customer/AdditionalAddresses/Address/StreetAddress2 | No | 1 | Text Node (100 chars max) | Additional Address Street Address (Line 2) |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|--------------------------|--|
| Customer/AdditionalAddresses/Address/City | Yes* | 1 | Text Node (50 chars max) | Additional Address City |
| Customer/AdditionalAddresses/Address/StateProvinceCode | No | 1 | Text Node (2 chars max) | Additional Address State/Province Code |
| Customer/AdditionalAddresses/Address/ZipPostalCode | Yes* | 1 | Text Node (20 chars max) | Additional Address Zip/Postal Code |
| Customer/AdditionalAddresses/Address/CountryCode | Yes* | 1 | Text Node (2 chars max) | Additional Address Country Code |
| Customer/AdditionalAddresses/Address/PhoneNumber | Yes* | 1 | Text Node (50 chars max) | Additional Address Phone Number |
| Customer/AdditionalAddresses/Address/PhoneExtension | No | 1 | Text Node (30 chars max) | Additional Address Phone Extension |
| Customer/AdditionalAddresses/Address/PrimaryShippingAddress | No | 1 | Empty Node | Indicates Primary Shipping Address |
| Customer/AdditionalAddresses/Address/PrimaryBillingAddress | No | 1 | Empty Node | Indicates Primary Billing Address |
| Customer/AdditionalAddresses/Address/InvalidAddress | No | 1 | Empty Node | Indicates Additional Address has been flagged as invalid by UPS Address Validation |
| Customer/SavedCreditCards | No | 1 | Container | For Saved Credit Cards |
| Customer/SavedCreditCards/CreditCard | Yes* | 1 + | Container | |
| Customer/SavedCreditCards/CreditCard/CreditCardType | Yes* | 1 | Text Node (16 chars max) | Credit Card Type (Visa, MasterCard, American Express, Diners Club, Discover, enRoute, or JCB) |
| Customer/SavedCreditCards/CreditCard/CreditCardNumber | Yes* | 1 | Text Node (16 chars max) | Credit Card Number •Entire number included only if the Full CC Access option (Settings/Site Options in the OMS) is on |
| Customer/SavedCreditCards/CreditCard/CreditCardExpDate | Yes* | 1 | Date Node (mm/yyyy) | Credit Card Expiration Date |
| Customer/SavedCreditCards/CreditCard/PreferredCreditCard | No | 1 | Empty Node | Indicates Preferred Credit Card |
| Customer/AdditionalNotifications | No | 1 | Container | For Additional Notifications |
| Customer/AdditionalNotifications/Notification | Yes* | 1 + | Container | |
| Customer/AdditionalNotifications/Notification/Name | Yes* | 1 | Container | |
| Customer/AdditionalNotifications/Notification/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Additional Notification First Name |
| Customer/AdditionalNotifications/Notification/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Additional Notification Last Name |
| Customer/AdditionalNotifications/Notification/Email | Yes* | 1 | Text Node (50 chars max) | Additional Notification E-Mail Address |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|--------------------------|---|
| Customer/Activities | No | 1 | Container | Included only if the IncludeActivities node is present in the CustomerQueryRequest and the customer has Activities |
| Customer/Activities/Activity | No | 1 + | Container | |
| Customer/Activities/Activity/Timestamp | No | 1 | Container | |
| Customer/Activities/Activity/Timestamp/DateTime | Yes* | 1 | Container | |
| Customer/Activities/Activity/Timestamp/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Activity Date (default value: today's date) |
| Customer/Activities/Activity/Timestamp/DateTime/Time | No | 1 | Time Node (hh:mm) | Activity Time (default value: 00:00) |
| Customer/Activities/Activity/User | No | 1 | Container | The Name of the User associated with this Activity (see Users in the OMS) |
| Customer/Activities/Activity/User/Name | Yes* | 1 | Container | |
| Customer/Activities/Activity/User/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | User First Name |
| Customer/Activities/Activity/User/Name/LastName | Yes* | 1 | Text Node (50 chars max) | User Last Name |
| Customer/Activities/Activity/Type | Yes* | 1 | Text Node | Activity Types and their list order are defined in Customers/Types in the OMS |
| Customer/Activities/Activity/Description | Yes* | 1 | Text Node | Activity Description |
| Customer/Created | Yes | 1 | Container | |
| Customer/Created/DateTime | Yes | 1 | Container | |
| Customer/Created/DateTime/Date | Yes | 1 | Date Node (mm/dd/yyyy) | Customer Created Date |
| Customer/Created/DateTime/Time | Yes | 1 | Time Node (hh:mm) | Customer Created Time |
| Customer/CreatedBy | No | 1 | Container | For customers created by OMS User |
| Customer/CreatedBy/Name | Yes* | 1 | Container | |
| Customer/CreatedBy/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Created By First Name |
| Customer/CreatedBy/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Created By Last Name |
| Customer/CreatedBy/CreatedByNote | No | 1 | Text Node (25 chars max) | Created By Note • The list of available values for this field can be viewed in the OMS Advanced Search Options for Customers |
| Customer/LastUpd | Yes | 1 | Container | |
| Customer/LastUpd/DateTime | Yes | 1 | Container | |
| Customer/LastUpd/DateTime/Date | Yes | 1 | Date Node (mm/dd/yyyy) | Last Updated Date |
| Customer/LastUpd/DateTime/Time | Yes | 1 | Time Node (hh:mm) | Last Updated Time |
| Customer/LastUpdBy | No | 1 | Container | For customers last updated by OMS User |
| Customer/LastUpdBy/Name | No | 1 | Container | |

| Element Xpath | Always | Occurs | Type | Description |
|-----------------------------------|--------|--------|--------------------------|--|
| Customer/LastUpdBy/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Last Updated By First Name |
| Customer/LastUpdBy/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Last Updated By Last Name |
| Customer/LastUpdBy/LastUpdByNote | No | 1 | Text Node (25 chars max) | Last Updated By Note • The list of available values for this field can be viewed in the OMS Advanced Search Options for Customers |
| NextPage | No | 1 | Empty Node | Indicates the existence of a subsequent page of customers |

CustomerQueryRequest Example (without CurrentStatus node)

```
<?xml version="1.0" encoding="utf-8" ?>
<CustomerQueryRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <Key>Nk5\#/K#0:;!C:SfqVs0</Key>
  </Credentials>
  <CustomerNoRange>
    <CustomerNoStart>1</CustomerNoStart>
    <CustomerNoEnd>1</CustomerNoEnd>
  </CustomerNoRange>
  <Page>1</Page>
</CustomerQueryRequest>
```

CustomerQueryReply Example (without CurrentStatus node)

```
<?xml version="1.0" encoding="utf-8" ?>
<CustomerQueryReply AccountName="fairway" Page="1">
  <Customer>
    <CustomerNo>1</CustomerNo>
    <Email>ookoshi @bellsouth.net</Email>
    <Address Type="Residential" Label="Home">
      <Name>
        <FirstName>Roy</FirstName>
        <LastName>McKutchen</LastName>
      </Name>
      <StreetAddress1>567 Shaker Lane</StreetAddress1>
      <City>New Canaan</City>
      <StateProvCode>CT</StateProvCode>
      <ZipPostalCode>06840</ZipPostalCode>
      <CountryCode>US</CountryCode>
      <PhoneNumber>517-453-2432</PhoneNumber>
      <PrimaryShip/>
      <PrimaryBill/>
    </Address>
    <CustomField1 Name="Date of Birth" Type="Date">07/27/1975</CustomField1>
    <CustomerDiscount>5</CustomerDiscount>
    <CustomerType>Consumer</CustomerType>
    <Active/>
    <MailingList/>
    <AdditionalAddresses>
      <Address Type="Business" Label="Work">
```

```

<Name>
  <FirstName>Roy</FirstName>
  <LastName>McKutchen</LastName>
</Name>
<StreetAddress1>Nexternal Solutions</StreetAddress1>
<StreetAddress2>199 Elm St</StreetAddress2>
<City>New Canaan</City>
<StateProvCode>CT</StateProvCode>
<ZipPostalCode>06840</ZipPostalCode>
<CountryCode>US</CountryCode>
<PhoneNumber>203-972-5726</PhoneNumber>
<PhoneExt>204</PhoneExt>
</Address>
</AdditionalAddresses>
<SavedCreditCards>
  <CreditCard>
    <CreditCardType>Visa</CreditCardType>
    <CreditCardNumber>xxxxxxxxxxx1111</CreditCardNumber>
    <CreditCardExpDate>04/2025</CreditCardExpDate>
  </CreditCard>
</SavedCreditCards>
<Created>
  <DateTime>
    <Date>09/22/2000</Date>
    <Time>12:15</Time>
  </DateTime>
</Created>
<LastUpd>
  <DateTime>
    <Date>07/18/2005</Date>
    <Time>15:44</Time>
  </DateTime>
</LastUpd>
<LastUpdBy>
  <Name>
    <FirstName>Demonstration</FirstName>
    <LastName>User</LastName>
  </Name>
</LastUpdBy>
</Customer>
</CustomerQueryReply>

```

CustomerQueryReply Schema (with CurrentStatus node)

| Element Xpath | Always | Occurs | Type | Description |
|------------------------|--------|----------|--------------------------|---|
| @AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| @Page | Yes | 1 | Integer Attribute | Page number of query results |
| CurrentStatus | No | 1 | Container | Current Status of Customers that fall within the specified query range <ul style="list-style-type: none"> Included only if a query range is specified and the CurrentStatus node is present in the CustomerQueryRequest |
| CurrentStatus/Customer | Yes | 1 - 2000 | Text Node | Customer Status (Active, Inactive, or Not Found) |

| Element Xpath | Always | Occurs | Type | Description |
|---|--------|--------|----------------------------------|---|
| CurrentStatus/Customer @No | Yes | 1 | Integer Attribute | Customer Number |
| CurrentStatus/Customer @LastName | Yes | 1 | Text Attribute (50 chars max) | Customer Last Name |
| CurrentStatus/Customer @FirstName | Yes | 1 | Text Attribute (50 chars max) | Customer First Name |
| CurrentStatus/Customer @Email | Yes | 1 | Text Attribute (50 chars max) | Customer E-Mail Address |
| CurrentStatus/Customer @CustomerType | Yes | 1 | Text Attribute (20 chars max) | Customer Type (as defined in the OMS) |
| NextPage | No | 1 | Empty Node | Indicates the existence of a subsequent page of customers |

CustomerQueryRequest Example (with CurrentStatus node)

```
<?xml version="1.0" encoding="utf-8"?>
<CustomerQueryRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <Key>Nk5\#/K#0:;!C:SfqVs0</Key>
  </Credentials>
  <CustomerCreatedRange>
    <CustomerCreatedStart>
      <DateTime>
        <Date>12/01/2000</Date>
      </DateTime>
    </CustomerCreatedStart>
    <CustomerCreatedEnd>
      <DateTime>
        <Date>12/15/2000</Date>
      </DateTime>
    </CustomerCreatedEnd>
  </CustomerCreatedRange>
  <CurrentStatus />
</CustomerQueryRequest>
```

CustomerQueryReply Example (with CurrentStatus node)

```
<?xml version="1.0" encoding="utf-8"?>
<CustomerQueryReply AccountName="fairway" Page="1">
  <CurrentStatus>
    <Customer No="89" LastName="Altman" FirstName="Dennis" Email="dennis @wedmart.com"
CustomerType="Consumer">Active</Customer>
    <Customer No="91" LastName="Altman" FirstName="Wendy" Email="wendy @wedmart.com"
CustomerType="Consumer">Active</Customer>
    <Customer No="92" LastName="Heverly" FirstName="Matt" Email="matt @redwings.com"
CustomerType="Consumer">Active</Customer>
    <Customer No="88" LastName="Kemmer" FirstName="Adam" Email="ambika @escalate.com"
CustomerType="Consumer">Active</Customer>
    <Customer No="83" LastName="Lawrence" FirstName="Daryl" Email="daryl@lawrence
@chickssportinggoods.com" CustomerType="Consumer">Active</Customer>
    <Customer No="78" LastName="McAlister" FirstName="Craig" Email="CMc @aol.com"
CustomerType="Consumer">Active</Customer>
```

```
<Customer No="80" LastName="Mcleran" FirstName="John" Email="john @hotmail.com"
CustomerType="Consumer">Active</Customer>
<Customer No="86" LastName="Parasnis" FirstName="Rita" Email="rita.parasnis @escalate.com"
CustomerType="Consumer">Active</Customer>
<Customer No="79" LastName="Rapoza" FirstName="Jim" Email="jim_rapoza @ziffdavis.com"
CustomerType="Consumer">Active</Customer>
<Customer No="82" LastName="Roberts" FirstName="Julia" Email="julia @julia.com"
CustomerType="Consumer">Active</Customer>
<Customer No="93" LastName="Sarido" FirstName="Alex" Email="sarido @aol.com"
CustomerType="Consumer">Active</Customer>
<Customer No="84" LastName="Schawel" FirstName="Kenneth" Email="eric @rossinator.com"
CustomerType="Consumer">Active</Customer>
<Customer No="85" LastName="Schawel" FirstName="Kenneth" Email="schawel @hotmail.com"
CustomerType="Consumer">Active</Customer>
<Customer No="87" LastName="Smith" FirstName="Brad" Email="bradley_d_smith @hotmail.com"
CustomerType="Consumer">Active</Customer>
<Customer No="90" LastName="Smith" FirstName="Nikki" Email="nikki @wedmart.com"
CustomerType="Consumer">Active</Customer>
<Customer No="81" LastName="Yates" FirstName="Chris" Email="chris_yates @zdnnet.com"
CustomerType="Consumer">Active</Customer>
</CurrentStatus>
</CustomerQueryReply>
```

10: CustomerUpdate

The CustomerUpdate is used to add or update customer information in the OMS. This allows you to "import" existing customer data, including saved credit cards, mailing and shipping addresses, and other relevant customer information from an external system.

When updating existing customer information, customers may be identified by their Full Name, E-Mail Address, or Customer Number in the CustomerUpdateRequest. You can add or update Customer Contact information via the Address container, Additional Addresses via the AdditionalAddresses container, Credit Cards through the SavedCreditCards container, and Additional Notifications via the AdditionalNotifications container. You may also add Customer Activities via the Activities container. For existing customers you can selectively clear (erase) Password, Saved Credit Cards, Additional Addresses, Additional Notifications, Follow Up Date, Affiliate, Company Comments, Active, Mailing List, Customer Type, and AgeVerification via the Erase container.

If UPS Address Validation is enabled (Settings/Compatible Software/Online Shipping Tools in the OMS), all US addresses are checked for validity. If the Allow Invalid Addresses option (Settings/Compatible Software/Online Shipping Tools/Preferences) is off, an ErrorMessage node is returned, and the customer address is not added or updated.

The CustomerUpdateRequest may not be used to delete customers or Customer Activities.

For each successful add and/or update the CustomerUpdateReply will return a Customer container with the Customer Number, Customer Name, and E-Mail Address, and a Status container outlining the general operations that were performed (number of AdditionalAddresses processed, number of SavedCreditCards processed, etc.).

The ForceProceed node in the CustomerUpdateRequest forces the tool to proceed with valid customer updates even if there is invalid update request. In such a scenario the corresponding Customer container for the invalid request(s) in the CustomerUpdateReply will contain the Error XML elements specified in Chapter 15 (Errors) in lieu of the elements specified in the CustomerUpdateReply schema. If the ForceProceed node is not included in the CustomerUpdateRequest any invalid Customer container will result in the failure of all subsequent Customer container(s) in the request.

A single CustomerUpdateRequest may contain no more than 15 Customer containers. If you wish to create or update more than 15 customers, you must do so in an iterative manner.

CustomerUpdateRequest URL:

<https://www.nexternal.com/shared/xml/customerupdate.rest>

CustomerUpdateRequest Schema

| Element Xpath | Required | Occurs | Type | Description |
|---------------------------------|-----------------|---------------|-------------------------------|---|
| Credentials | Yes | 1 | Container | Note that the supplied Credentials must contain the Client's XML Key, <u>or</u> a UserName and Password, but not both |
| Credentials/AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| Credentials/Key | No | 1 | Text Node (20 chars max) | Client's XML Key |
| Credentials/UserName | No | 1 | Text Node (50 chars max) | XML Tools User Name • See Users / New Users / Access Level in the OMS for more information about the XML Tools Access Level |
| Credentials/Password | No | 1 | Text Node (50 chars max) | XML Tools User Password |
| Customer | Yes | 1 - 15 | Container | |
| Customer @Mode | Yes | 1 | Text Attribute (6 chars max) | Update Mode (Add or Update) |
| Customer @MatchingField | No | 1 | Text Attribute (10 chars max) | Indicates which node in the query will be used to match an existing customer (CustomerNo, Name, or Email) • Optional if Mode="Add"; if this field is included and a customer match is found, the existing customer is used, and Mode switches to Update • Required if Mode="Update" |
| Customer/CustomerNo | No | 1 | Integer Node | Customer Number (for matching purposes) • Required if MatchingField="CustomerNo" • If Mode="Add" and a customer match is found, the Mode will be changed to "Update" |
| Customer/Name | No | 1 | Container | Customer Name (for matching purposes) • Required if MatchingField="Name" • If Mode="Add" and a customer match is found, the Mode will be changed to "Update" |
| Customer/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Customer First Name |
| Customer/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Customer Last Name |
| Customer/Email | No | 1 | Text Node (50 chars max) | Customer E-Mail Address (for matching purposes) • Required if MatchingField="Email" • If Mode="Add" and a customer match is found, the Mode will be changed to "Update" |
| Customer/Address | No | 1 | Container | Customer Contact Address • Required if Mode="Add" |
| Customer/Address @Type | Yes* | 1 | Text Attribute (11 chars max) | Customer Contact Address Type (Residential or Business) |
| Customer/Address @Label | No | 1 | Text Attribute (25 chars max) | Customer Contact Address Label |
| Customer/Address/Name | No | 1 | Container | May be omitted if Customer/Name node exists, and you wish to use those values |
| Customer/Address/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Customer Contact First Name |
| Customer/Address/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Customer Contact Last Name |

| Element Xpath | Required | Occurs | Type | Description |
|------------------------------------|-----------------|---------------|---|---|
| Customer/Address/CompanyName | No | 1 | Text Node (100 chars max) | Customer Contact Company Name • Usage of the Company Name field is set at Customers/Types in the OMS |
| Customer/Address/StreetAddress1 | Yes* | 1 | Text Node (100 chars max) | Customer Contact Street Address (Line 1) |
| Customer/Address/StreetAddress2 | No | 1 | Text Node (100 chars max) | Customer Contact Street Address (Line 2) |
| Customer/Address/City | Yes* | 1 | Text Node (50 chars max) | Customer Contact City |
| Customer/Address/StateProvinceCode | Yes* | 1 | Text Node (2 chars max) | Customer Contact State/Province Code |
| Customer/Address/ZipPostalCode | Yes* | 1 | Text Node (20 chars max) | Customer Contact Zip/Postal Code |
| Customer/Address/CountryCode | Yes* | 1 | Text Node (2 chars max) | Customer Contact Country Code |
| Customer/Address/PhoneNumber | Yes* | 1 | Text Node (50 chars max) | Customer Contact Phone Number |
| Customer/Address/PhoneExtension | No | 1 | Text Node (30 chars max) | Customer Contact Phone Extension |
| Customer/Address/PrimaryShip | No | 1 | Empty Node | Indicates Primary Shipping Address |
| Customer/Address/PrimaryBill | No | 1 | Empty Node | Indicates Primary Billing Address |
| Customer/CustomField1 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #1 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField1@Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #1 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Customer/CustomField2 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #2 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField2@Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #2 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField3 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #3 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField3@Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #3 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField4 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #4 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField4@Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #4 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |

| Element Xpath | Required | Occurs | Type | Description |
|---------------------------------|-----------------|---------------|---|--|
| Customer/CustomField5 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #5 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField5 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #5 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField6 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #6 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField6 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #6 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField7 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #7 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField7 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #7 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField8 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #8 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField8 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #8 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField9 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #9 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField9 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #9 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField10 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #10 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField10 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #10 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField11 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #11 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField11 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #11 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField12 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #12 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |

| Element Xpath | Required | Occurs | Type | Description |
|---------------------------------|-----------------|---------------|---|--|
| Customer/CustomField12 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #12 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField13 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #13 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField13 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #13 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField14 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #14 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField14 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #14 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField15 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #15 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField15 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #15 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField16 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #16 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField16 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #16 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField17 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #17 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField17 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #17 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField18 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #18 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField18 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #18 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomField19 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Customer Custom Field #19 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField19 @Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #19 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|---|--|
| Customer/CustomField20 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Customer Custom Field #20 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField20@Type | Yes* | 1 | Text Attribute (50 chars max) | Customer Custom Field #20 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Customer/CustomerPassword | No | 1 | Container | |
| Customer/CustomerPassword/Password | No | 1 | Text Node (50 chars max) | Customer Password • If Mode="Add", password may be auto-generated, based on the XML Passwords field (Customers/Password Preferences in the OMS) |
| Customer/CustomerType | No | 1 | Text Node (20 chars max) | Customer Type (default is defined at Customers/Types in the OMS) |
| Customer/CustomerDiscount | No | 1 | Percent Node | Customer Discount Percent • Applicable only if Customer Discount is not defined by Customer Type (Customers/Types in the OMS) • Default value is 0% |
| Customer/Owner | No | 1 | Container | |
| Customer/Owner/Name | Yes* | 1 | Container | Customer's Owner (OMS User) |
| Customer/Owner/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Owner First Name |
| Customer/Owner/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Owner Last Name |
| Customer/FollowUpDate | No | 1 | Container | |
| Customer/ FollowUpDate/DateTime | Yes* | 1 | Container | |
| Customer/ FollowUpDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Follow-up Date |
| Customer/Affiliate | No | 1 | Text Node (100 chars max) | Affiliate Name |
| Customer/Affiliate@Category | No | 1 | Text Node (100 chars max) | Affiliate Category |
| Customer/CompanyComments | No | 1 | Text Node | Internal Notes/Comments |
| Customer/AgeVerification | No | 1 | Container | Applicable only if the Age Verification tool is in use (Settings/Compatible Software in the OMS) |
| Customer/AgeVerification/VerificationFlag | Yes* | 1 | Text Node (6 chars max) | Age Verification Flag (Green, Yellow, or Red) |
| Customer/Trustee | No | 1 | Container | Applicable only if Pickup Trustee Preferences is in use (Customers/Preferences in the OMS) • Must contain either the Trustee CustomerID or the Trustee E-Mail address |
| Customer/Trustee/CustomerID | No | 1 | Integer Node | Trustee Customer Number |
| Customer/Trustee/Email | No | 1 | Text Node (50 chars max) | Trustee E-Mail Address |
| Customer/AdditionalAddresses | No | 1 | Container | For Additional Addresses |
| Customer/AdditionalAddresses/Address | Yes* | 1 + | Container | |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|-------------------------------|---|
| Customer/AdditionalAddresses/Address @Type | Yes* | 1 | Text Attribute (11 chars max) | Additional Address Type (Residential or Business) |
| Customer/AdditionalAddresses/Address @Label | No | 1 | Text Attribute (25 chars max) | Additional Address Label |
| Customer/AdditionalAddresses/Address/Name | No | 1 | Container | May be omitted if Customer/Name node exists, and you wish to use those values |
| Customer/AdditionalAddresses/Address/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Additional Address First Name |
| Customer/AdditionalAddresses/Address/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Additional Address Last Name |
| Customer/AdditionalAddresses/Address/CompanyName | No | 1 | Text Node (100 chars max) | Additional Address Company Name • Usage of the Company Name field is set at Customers/Types in the OMS |
| Customer/AdditionalAddresses/Address/StreetAddress1 | Yes* | 1 | Text Node (100 chars max) | Additional Address Street Address (Line 1) |
| Customer/AdditionalAddresses/Address/StreetAddress2 | No | 1 | Text Node (100 chars max) | Additional Address Street Address (Line 2) |
| Customer/AdditionalAddresses/Address/City | Yes* | 1 | Text Node (50 chars max) | Additional Address City |
| Customer/AdditionalAddresses/Address/StateProvinceCode | Yes* | 1 | Text Node (2 chars max) | Additional Address State/Province Code |
| Customer/AdditionalAddresses/Address/ZipPostalCode | Yes* | 1 | Text Node (20 chars max) | Additional Address Zip/Postal Code |
| Customer/AdditionalAddresses/Address/CountryCode | Yes* | 1 | Text Node (2 chars max) | Additional Address Country Code |
| Customer/AdditionalAddresses/Address/PhoneNumber | Yes* | 1 | Text Node (50 chars max) | Additional Address Phone Number |
| Customer/AdditionalAddresses/Address/PhoneExtension | No | 1 | Text Node (30 chars max) | Additional Address Phone Extension |
| Customer/AdditionalAddresses/Address/PrimaryShipping | No | 1 | Empty Node | Indicates Primary Shipping Address |
| Customer/AdditionalAddresses/Address/PrimaryBilling | No | 1 | Empty Node | Indicates Primary Billing Address |
| Customer/SavedCreditCards | No | 1 | Container | For Saved Credit Cards • Usage of SavedCreditCards is set at Settings/Boolean Options/Allow Saved CC in the OMS |
| Customer/SavedCreditCards/CreditCard | Yes* | 1 + | Container | |
| Customer/SavedCreditCards/CreditCard/CreditCardType | No | 1 | Text Node (16 chars max) | Credit Card Type (Visa, MasterCard, American Express, Diners Club, Discover, enRoute, or JCB) • The Credit Card Type is validated against the types allowed by Settings/Billing Options in the OMS • Required if Mode="Add" |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|--------------------------|--|
| Customer/SavedCreditCards/CreditCard/CreditCardNumber | No | 1 | Text Node (16 chars max) | Credit Card Number • If Mode="Add", either CreditCardNumber or CreditCardToken is required; if CreditCardToken is used, CreditCardNumber must include at least the last 4 digits of the credit card number • If Mode="Update", you may use only the last 4 digits of the credit card number to match an existing Saved Credit Card |
| Customer/SavedCreditCards/CreditCard/CreditCardExpirationDate | Yes* | 1 | Date Node (mm/yyyy) | Credit Card Expiration Date |
| Customer/SavedCreditCards/CreditCard/CreditCardToken | No | 1 | Text Node (63 chars max) | Credit Card Token • If Mode="Add", either CreditCardNumber or CreditCardToken is required; if CreditCardToken is used, CreditCardNumber must include at least the last 4 digits of the credit card number • May be included only if you are using a Payment Gateway (Settings/Compatible Software in the OMS) that supports tokenization |
| Customer/SavedCreditCards/CreditCard/PreferredCreditCard | No | 1 | Empty Node | Indicates Preferred Credit Card |
| Customer/AdditionalNotifications | No | 1 | Container | For Additional Notifications |
| Customer/AdditionalNotifications/Notification | Yes* | 1 + | Container | |
| Customer/AdditionalNotifications/Notification/Name | Yes* | 1 | Container | |
| Customer/AdditionalNotifications/Notification/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Additional Notification First Name |
| Customer/AdditionalNotifications/Notification/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Additional Notification Last Name |
| Customer/AdditionalNotifications/Notification/Email | Yes* | 1 | Text Node (50 chars max) | Additional Notification E-Mail Address |
| Customer/Activities | No | 1 | Container | For adding new Activities only |
| Customer/Activities/Activity | No | 1 + | Container | |
| Customer/Activities/Activity/Timestamp | No | 1 | Container | |
| Customer/Activities/Activity/Timestamp/DateTime | Yes* | 1 | Container | |
| Customer/Activities/Activity/Timestamp/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Activity Date (default value: today's date) |
| Customer/Activities/Activity/Timestamp/DateTime/Time | No | 1 | Time Node (hh:mm) | Activity Time (default value: 00:00) |
| Customer/Activities/Activity/User | Yes* | 1 | Container | OMS User associated with the Activity |
| Customer/Activities/Activity/User/Name | Yes* | 1 | Container | |
| Customer/Activities/Activity/User/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | User First Name |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|--------------------------|--|
| Customer/Activities/Activity/User/Name/LastName | Yes* | 1 | Text Node (50 chars max) | User Last Name |
| Customer/Activities/Activity/Type | Yes* | 1 | Text Node | Activity Types as defined at Customers/Types in the OMS |
| Customer/Activities/Activity/Comment | Yes* | 1 | Text Node | Activity Description |
| Customer/Erase | No | 1 | Container | Used to clear / reset information for an existing customer record • Ignored if Mode="Add" |
| Customer/Erase/Password | No | 1 | Empty Node | Clears any existing Password |
| Customer/Erase/AdditionalAddresses | No | 1 | Empty Node | Clears all existing Additional Addresses |
| Customer/Erase/SavedCreditCards | No | 1 | Empty Node | Clears all existing Credit Cards • Usage of SavedCreditCards is set at Settings/Boolean Options/Allow Saved CC in the OMS |
| Customer/Erase/AdditionalNotifications | No | 1 | Empty Node | Clears all existing Additional Notifications |
| Customer/Erase/FollowUpDate | No | 1 | Empty Node | Clears any existing Follow-Up Date |
| Customer/Erase/Affiliate | No | 1 | Empty Node | Clears any existing Customer Affiliate |
| Customer/Erase/CompanyComments | No | 1 | Empty Node | Clears any existing Notes/Comments |
| Customer/Erase/Active | No | 1 | Empty Node | Sets the customer record to Inactive |
| Customer/Erase/MailingList | No | 1 | Empty Node | Removes the customer from the Mailing List |
| Customer/Erase/AgeVerification | No | 1 | Empty Node | Clears any existing customer Age Verification information • Usage of Age Verification is set at Settings/Compatible Software/Alcohol Beverage Tools/Preferences/IDology |
| Customer/Erase/CustomerType | No | 1 | Empty Node | Sets the customer CustomerType to the default type assigned in the OMS • Default Customer Type is set at Customers/Types/Edit Customer & Activity Types |
| Customer/Trustee | No | 1 | Empty Node | Clears all existing Trustee information • Applicable only if Pickup Trustee Preferences is in use (Customers/Preferences in the OMS) |
| Customer/Active | No | 1 | Empty Node | Sets the customer record to Active |
| Customer/MailingList | No | 1 | Empty Node | Adds the customer to the Mailing List |
| Customer/IsTrustee | No | 1 | Empty Node | Allows the Customer to be assigned as a Trustee |
| Customer/Integration | No | 1 | Container | See External Mapping for more information |
| AllowExpiredCreditCards | No | 1 | Empty Node | Indicates that the CustomerUpdate should proceed even if one or more requested Customer Containers contains an expired CreditCard |
| ForceProceed | No | 1 | Empty Node | Indicates that the CustomerUpdate should proceed even if one or more requested Customer Containers contains invalid information |

CustomerUpdateReply Schema

| Element Xpath | Always | Occurs | Type | Description |
|----------------------|---------------|---------------|-------------------------|--------------------------------------|
| @AccountName | Yes | 1 | Text Node (10 char max) | Client's Account Name (e.g. fairway) |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|----------------------------------|---|
| Customer | Yes | 1 - 15 | Container | |
| Customer @Mode | Yes | 1 | Text Attribute (6 chars max) | Add or Update |
| Customer/CustomerNo | Yes | 1 | Integer Node | Customer Number from the OMS |
| Customer/Name | Yes | 1 | Container | |
| Customer/Name/FirstName | Yes | 1 | Text Node (50 char max) | Customer First Name |
| Customer/Name/LastName | Yes | 1 | Text Node (50 char max) | Customer Last Name |
| Customer/Email | Yes | 1 | Text Node (50 chars max) | Customer E-Mail Address |
| Customer/Status | Yes | 1 | Container | |
| Customer/Status/AdditionalAddresses | No | 1 | Integer Node | Number of Additional Addresses added and/or updated |
| Customer/Status/AdditionalAddresses @Type | Yes* | 1 | Text Attribute | Add or Update |
| Customer/Status/InvalidContactAddress | No | 1 | Container | Invalid Contact Address Warning • Applicable if UPS Address Validation or FedEx Address Validation is enabled (Settings/Compatible Software/Online Shipping Tools in the OMS) and the Allow Invalid Addresses option (Settings/Compatible Software/Online Shipping Tools/Preferences) is off |
| Customer/Status/InvalidContactAddress @Reason | Yes* | 1 | Text Attribute | The reason the address failed validation |
| Customer/Status/InvalidContactAddress/Address | Yes* | 1 | Container | Invalid Address |
| Customer/Status/InvalidContactAddress/Address @Type | Yes* | 1 | Text Attribute (11 chars max) | Invalid Address Type (Residential or Business) |
| Customer/Status/InvalidContactAddress/Address @Label | No | 1 | Text Attribute (25 chars max) | Invalid Address Label |
| Customer/Status/InvalidContactAddress/Address/Name | No | 1 | Container | Invalid Address First and Last Name |
| Customer/Status/InvalidContactAddress/Address/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Invalid Address First Name |
| Customer/Status/InvalidContactAddress/Address/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Invalid Address Last Name |
| Customer/Status/InvalidContactAddress/Address/StreetAddress1 | Yes* | 1 | Text Node (100 chars max) | Invalid Address Street Address (Line 1) |
| Customer/Status/InvalidContactAddress/Address/City | Yes* | 1 | Text Node (50 chars max) | Invalid Address City |
| Customer/Status/InvalidContactAddress/Address/StateProvCode | Yes* | 1 | Text Node (2 chars max) | Invalid Address State/Province Code |
| Customer/Status/InvalidContactAddress/Address/ZipPostalCode | Yes* | 1 | Text Node (20 chars max) | Invalid Address Zip/Postal Code |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|-------------------------------|--|
| Customer/Status/InvalidAdditionalAddress | No | 1 + | Container | Invalid Additional Address Warning • Applicable if UPS Address Validation or FedEx Address Validation is enabled (Settings/Compatible Software/Online Shipping Tools in the OMS) and the Allow Invalid Addresses option (Settings/Compatible Software/Online Shipping Tools/Preferences) is off |
| Customer/Status/InvalidAdditionalAddress @Reason | Yes* | 1 | Text Attribute | The reason the address failed validation |
| Customer/Status/InvalidAdditionalAddress/Address | Yes* | 1 | Container | Invalid Address |
| Customer/Status/InvalidAdditionalAddress/Address @Type | Yes* | 1 | Text Attribute (11 chars max) | Invalid Address Type (Residential or Business) |
| Customer/Status/InvalidAdditionalAddress/Address @Label | No | 1 | Text Attribute (25 chars max) | Invalid Address Label |
| Customer/Status/InvalidAdditionalAddress/Address/Name | No | 1 | Container | Invalid Address First and Last Name |
| Customer/Status/InvalidAdditionalAddress/Address/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Invalid Address First Name |
| Customer/Status/InvalidAdditionalAddress/Address/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Invalid Address Last Name |
| Customer/Status/InvalidAdditionalAddress/Address/StreetAddress1 | Yes* | 1 | Text Node (100 chars max) | Invalid Address Street Address (Line 1) |
| Customer/Status/InvalidAdditionalAddress/Address/City | Yes* | 1 | Text Node (50 chars max) | Invalid Address City |
| Customer/Status/InvalidAdditionalAddress/Address/StateProvCode | Yes* | 1 | Text Node (2 chars max) | Invalid Address State/Province Code |
| Customer/Status/InvalidAdditionalAddress/Address/ZipPostalCode | Yes* | 1 | Text Node (20 chars max) | Invalid Address Zip/Postal Code |
| Customer/Status/SavedCreditCards | No | 1 - 2 | Integer Node | Number of Saved Credit Cards added and/or updated |
| Customer/Status/SavedCreditCards @Type | Yes* | 1 | Text Attribute | Add or Update |
| Customer/Status/AdditionalNotifications | No | 1 - 2 | Integer Node | Number of Additional Notifications added and/or updated |
| Customer/Status/AdditionalNotifications @Type | Yes* | 1 | Text Attribute | Add or Update |
| Customer/Status/Activity | No | 1 - 2 | Integer Node | Number of Activity records added |
| Customer/Status/Activity @Type | Yes* | 1 | Text Attribute | Add or Update |
| Customer/Status/EraseActive | No | 1 | Empty Node | Customer status was set to inactive |
| Customer/Status/EraseAffiliate | No | 1 | Empty Node | Customer affiliation was removed |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|--------------|---|
| Customer/Status/EraseAgeVerification | No | 1 | Empty Node | Customer Age Verification Flag was cleared |
| Customer/Status/EraseCompanyComments | No | 1 | Empty Node | Internal Notes / Comments for the customer were cleared |
| Customer/Status/EraseFollowUpDate | No | 1 | Empty Node | Customer FollowUpDate was cleared |
| Customer/Status/EraseMailingList | No | 1 | Empty Node | Customer was removed from the mailing list |
| Customer/Status/ErasePassword | No | 1 | Empty Node | Customer Password was cleared |
| Customer/Status/EraseAdditionalAddresses | No | 1 | Integer Node | Number of Additional Addresses that were cleared |
| Customer/Status/EraseSavedCreditCards | No | 1 | Integer Node | Number of Saved Credit Cards that were cleared |
| Customer/Status/EraseAdditionalNotifications | No | 1 | Integer Node | Number of Additional Notifications that were cleared |
| Customer/Status/EraseTrustee | No | 1 | Integer Node | Customer Trustee was removed |

CustomerUpdateRequest Example

```
<?xml version="1.0" encoding="utf-8" ?>
<CustomerUpdateRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <UserName>xmlbob</UserName>
    <Password>XMLDem0Pwd</Password>
  </Credentials>
  <Customer Mode="Add">
    <Name>
      <FirstName>Bob</FirstName>
      <LastName>Smith</LastName>
    </Name>
    <Email>bobsmith@somewhere.com</Email>
    <Address Type="Residential">
      <StreetAddress1>123 Main St.</StreetAddress1>
      <City>San Diego</City>
      <StateProvCode>CA</StateProvCode>
      <ZipPostalCode>92107</ZipPostalCode>
      <CountryCode>US</CountryCode>
      <PhoneNumber>760 123 1234</PhoneNumber>
      <PrimaryShip />
      <PrimaryBill />
    </Address>
    <CustomField6 Type="Date">01/02/1960</CustomField6>
    <CustomerPassword>
      <Password>bobsmith123</Password>
    </CustomerPassword>
    <CustomerType>Consumer</CustomerType>
    <CustomerDiscount>0</CustomerDiscount>
    <Affiliate Category="E-Business Software">Nexternal Solutions</Affiliate>
    <SavedCreditCards>
      <CreditCard>
        <CreditCardType>Visa</CreditCardType>
      </CreditCard>
    </SavedCreditCards>
  </Customer Mode="Add">
</CustomerUpdateRequest>
```

```
<CreditCardNumber>4111111111111111</CreditCardNumber>
<CreditCardExpDate>04/2025</CreditCardExpDate>
<PreferredCreditCard />
</CreditCard>
</SavedCreditCards>
<MailingList />
</Customer>
</CustomerUpdateRequest>
```

CustomerUpdateReply Example

```
<?xml version="1.0" encoding="utf-8"?>
<CustomerUpdateReply AccountName="fairway">
  <Customer Mode="Add">
    <CustomerNo>904</CustomerNo>
    <Name>
      <FirstName>Bob</FirstName>
      <LastName>Smith</LastName>
    </Name>
    <Email>bobsmith@somewhere.com</Email>
    <Status>
      <SavedCreditCards Type="Add">1</SavedCreditCards>
    </Status>
  </Customer>
</CustomerUpdateReply>
```

11: InventoryUpdate

The InventoryUpdate is used to update product inventory, thus allowing you to "import" inventory data from an external system. To be eligible for the InventoryUpdate tool, Inventory Control must be on at Settings/Site Options/Inventory Control in the OMS.

In the InventoryUpdateRequest, products are identified via their Product Number, SKU Number, or SKU (i.e. Stock Keeping Unit or Part Number). When using the SKU to identify the product, products that define inventory on the Product level must use a product-level SKU value; for products that define inventory on the attribute-based SKU level a SKU-level SKU value must be used.

For each inventory value included in the InventoryUpdateRequest, you may have that value processed in "Update", "OnHand", or "Add" mode via the Mode attribute. Update mode updates the current inventory for the product (or SKU) to the specified value; OnHand mode represents "inventory on hand", updating the current inventory to the specified value minus the total unfulfilled quantity in outstanding orders (or updating the on hand quantity, if Enhanced Inventory is use at Settings/Site Options/Inventory Control in the OMS, and is enabled for the product); and Add mode adds the specified value to the current inventory. Be aware that negative inventory values are allowed only if the Allow Negative option (Settings/Site Options/Inventory Control) is on. If an inventory change via the InventoryUpdate necessitates a change in Product Status, that change is made automatically.

If Enhanced Inventory is active for one or more products, you may also perform Transfer and Remove transactions, and specify Source and/or Destination containers. For Transfers, both the Source and Destination containers are required. When the Source and/or Destination containers are in use, the Location, Location Type, and Purpose are required; while Transaction Code, Transaction Date, and Note are optional. If you elect to not use the Source container, all InventoryUpdate actions are performed against the product's default location.

The ForceProceed node in the InventoryUpdateRequest forces the tool to proceed with valid inventory updates even if an invalid update request (e.g. no match is found for the ProductSKU node specified) is found. In such a scenario, the corresponding InventoryProduct container for invalid requests in the InventoryUpdateReply contains the Error XML elements specified in Chapter 15 (Errors) in lieu of the elements specified in the InventoryUpdateReply Schema. If the ForceProceed node is not included in the InventoryUpdateRequest, any invalid request results in the failure of all requests, and only the Error elements are returned.

A single InventoryUpdateRequest may contain no more than 15 InventoryUpdate containers. If you wish to update more than 15 inventory values, you must do so in an iterative manner.

Note: InventoryUpdate may also be used to query inventory – use the Add mode and an Inventory Value of 0.

InventoryUpdateRequest URL:

<https://www.nexternal.com/shared/xml/inventoryupdate.rest>

InventoryUpdateRequest Schema

| Element Xpath | Required | Occurs | Type | Description |
|---|----------|--------|------------------------------|---|
| Credentials | Yes | 1 | Container | Note that the supplied Credentials must contain the Client's XML Key <u>or</u> a UserName and Password, but not both |
| Credentials/AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| Credentials/Key | No | 1 | Text Node (20 chars max) | Client's XML Key |
| Credentials/UserName | No | 1 | Text Node (50 chars max) | XML Tools User Name • See Users / New Users / Access Level in the OMS for more information about the XML Tools Access Level |
| Credentials/Password | No | 1 | Text Node (50 chars max) | XML Tools User Password |
| InventoryUpdate | Yes | 1 - 15 | Container | |
| InventoryUpdate @Mode | No | 1 | Text Attribute (8 chars max) | Update Mode (Add, OnHand, Remove, Transfer, or Update; default value: Update) |
| InventoryUpdate/ProductNo | No | 1 | Integer Node | Product Number • Your XML request must contain <u>only one</u> of the following: ProductNo, SKUNo, ProductSKU |
| InventoryUpdate/SKUNo | No | 1 | Integer Node | SKU Number • Your XML request must contain <u>only one</u> of the following: ProductNo, SKUNo, ProductSKU |
| InventoryUpdate/ProductSKU | No | 1 | Text Node (50 chars max) | SKU or Item Number • Your XML request must contain <u>only one</u> of the following: ProductNo, SKUNo, ProductSKU |
| InventoryUpdate/ProductSKU @MultipleMatches | No | 1 | Text Attribute (8 chars max) | • Must be an <i>exact</i> match for an existing SKU on the Product or SKU (Attribute) level • If more than one match is found only the first matching Product or SKU will be updated Controls how many Products or SKUs to update if more than one match is found (Single or Multiple; default value: Single) |
| InventoryUpdate/Inventory | Yes | 1 | Integer Node | Add, Remove, Transfer, or Update Inventory Value • May be a negative number if Update Mode is Add and/or the Allow Negative option (Settings/Site Options/Inventory Control in the OMS) is on |
| InventoryUpdate/Source | No | 1 | Container | Included if Enhanced Inventory is enabled in the OMS |
| InventoryUpdate/Source/Location | Yes* | 1 | Text Node (50 chars max) | Inventory Source Location Internal Name |
| InventoryUpdate/Source/Location @Type | Yes* | 1 | Text Attribute (1 char max) | Inventory Location Type (S or P; default value: S), where "S" indicates a Shipping location and "P" indicates a Pickup location |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|-----------------------------|---|
| InventoryUpdate/Source/Purpose | Yes* | 1 | Text Node (9 chars max) | Inventory Purpose (Available, Pending, or Reserved) |
| InventoryUpdate/Source/Shelf | No | 1 | Text Node (50 chars max) | Inventory Shelf Location |
| InventoryUpdate/Destination | No | 1 | Container | Required if Enhanced Inventory is enabled for the Product and Inventory is being transferred |
| InventoryUpdate/Destination/Location | Yes* | 1 | Text Node (50 chars max) | Inventory Source Location Internal Name |
| InventoryUpdate/Destination/Location @Type | Yes* | 1 | Text Attribute (1 char max) | Inventory Location Type (S or P; default value: S), where "S" indicates a Shipping location and "P" indicates a Pickup location |
| InventoryUpdate/Destination/Purpose | Yes* | 1 | Text Node (9 chars max) | Inventory Purpose (Available, Pending, or Reserved) |
| InventoryUpdate/Destination/Shelf | No | 1 | Text Node (50 chars max) | Inventory Shelf Location |
| InventoryUpdate/COGS | No | 1 | Currency Node | Inventory Cost of Goods Sold • Only valid when Mode="Add" |
| InventoryUpdate/TransactionCode | Yes* | 1 | Text Node (50 chars max) | Add, Convert, Remove, Transfer, or Update • Used only if Enhanced Inventory is enabled for the Product |
| InventoryUpdate/TransactionDate | No | 1 | Container | |
| InventoryUpdate/TransactionDate/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Inventory Transaction Date • Used only if Enhanced Inventory is enabled for the Product |
| InventoryUpdate/Note | No | 1 | Text Node (50 chars max) | Inventory Transaction Note • Used only if Enhanced Inventory is enabled for the Product |
| InventoryUpdate/Integration | No | 1 | Container | See External Mapping for more information |
| ForceProceed | No | 1 | Empty Node | Indicates that the Inventory Update should proceed even if one or more requested updates is invalid |

InventoryUpdateReply Schema

| Element Xpath | Always | Occurs | Type | Description |
|----------------------------------|---------------|---------------|-------------------------------|---|
| @AccountName | Yes | 1 | Text Node (10 char max) | Client's Account Name (e.g. fairway) |
| InventoryProduct | Yes | 1 + | Container | |
| InventoryProduct/ProductNo | Yes | 1 | Integer Node | Product Number of updated product |
| InventoryProduct/ProductName | Yes | 1 | Text Node (100 chars max) | Product Name of updated product |
| InventoryProduct/ProductSKU | Yes | 1 | Text Node (50 chars max) | SKU value of the updated product, or the attribute-based SKU |
| InventoryProduct/Attribute | No | 1 + | Text Node (50 chars max) | Attribute Value for updated attribute-based SKU items |
| InventoryProduct/Attribute @Name | Yes* | 1 | Text Attribute (50 chars max) | Attribute Name for updated attribute-based SKU items |
| InventoryProduct/Inventory | No | 1 | Text Node (50 chars max) | Updated Inventory Value • Present only if Enhanced Inventory is not active for the product |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|-----------------------------|--|
| InventoryProduct/Source | No | 1 | Container | Updated Inventory Value for the Source Location • Present only if Enhanced Inventory is active for the product |
| InventoryProduct/Source/Location | Yes* | 1 | Text Node (50 chars max) | Inventory Source Location Internal Name |
| InventoryProduct/Source/Location @Type | Yes* | 1 | Text Attribute (1 char max) | Inventory Location Type (S or P; default value: S), where "S" indicates a Shipping location and "P" indicates a Pickup location |
| InventoryProduct/Source/Available | Yes* | 1 | Integer Node | Available inventory at this Location |
| InventoryProduct/Source/InCart | No | 1 | Integer Node | In cart inventory at this Location • Applicable only if the product uses an Inventory Reservation |
| InventoryProduct/Source/Pending | Yes* | 1 | Integer Node | Pending inventory at this Location |
| InventoryProduct/Source/Reserved | Yes* | 1 | Integer Node | Reserved inventory at this Location |
| InventoryProduct/Source/OnHand | Yes* | 1 | Integer Node | OnHand inventory at this Location |
| InventoryProduct/Destination | No | 1 | Container | Updated Inventory Value at the Destination Location • Present only if Enhanced Inventory is active for the product and inventory has been transferred |
| InventoryProduct/Destination/Location | Yes* | 1 | Text Node (50 chars max) | Inventory Destination Location Internal Name |
| InventoryProduct/Destination/Location @Type | Yes* | 1 | Text Attribute (1 char max) | Inventory Location Type (S or P; default value: S), where "S" indicates a Shipping location and "P" indicates a Pickup location |
| InventoryProduct/Destination/Available | Yes* | 1 | Integer Node | Available inventory at this Location |
| InventoryProduct/Destination/InCart | No | 1 | Integer Node | In cart inventory at this Location • Applicable only if the product uses an Inventory Reservation |
| InventoryProduct/Destination/Pending | Yes* | 1 | Integer Node | Pending inventory at this Location |
| InventoryProduct/Destination/Reserved | Yes* | 1 | Integer Node | Reserved inventory at this Location |
| InventoryProduct/Destination/OnHand | Yes* | 1 | Integer Node | OnHand inventory at this Location |
| InventoryProduct/ProductStatus | Yes | 1 | Text Node (12 chars max) | Updated Product Status (Normal, Backordered, Preordered, Sold Out, or Discontinued) |

InventoryUpdateRequest Example

```
<?xml version="1.0" encoding="utf-8" ?>
<InventoryUpdateRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <UserName>xmlbob</UserName>
    <Password>XMLDem0Pwd</Password>
  </Credentials>
  <InventoryUpdate Mode="Add">
    <ProductSKU>ff036</ProductSKU>
    <Inventory>-2</Inventory>
  </InventoryUpdate>
</InventoryUpdateRequest>
```

```
</InventoryUpdate>
</InventoryUpdateRequest>
```

InventoryUpdateReply Example

```
<?xml version="1.0" encoding="utf-8"?>
<InventoryUpdateReply AccountName="fairway">
  <InventoryProduct>
    <ProductNo>36</ProductNo>
    <ProductName>Caddyshack DVD</ProductName>
    <ProductSKU>ff036</ProductSKU>
    <Inventory>989</Inventory>
    <ProductStatus>Normal</ProductStatus>
  </InventoryProduct>
</InventoryUpdateReply>
```

InventoryUpdateRequest Example (Enhanced Inventory)

```
<?xml version="1.0" encoding="utf-8" ?>
<InventoryUpdateRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <UserName>xmlbob</UserName>
    <Password>XMLDem0Pwd</Password>
  </Credentials>
  <InventoryUpdate Mode="Transfer">
    <ProductSKU>ff006</ProductSKU>
    <Inventory>10</Inventory>
    <Source>
      <Location Type="S">Arizona</Location>
      <Purpose>Available</Purpose>
    </Source>
    <Destination>
      <Location Type="P">Arizona Will-Call</Location>
      <Purpose>Available</Purpose>
    </Destination>
  </InventoryUpdate>
</InventoryUpdateRequest>
```

InventoryUpdateReply Example (Enhanced Inventory)

```
<?xml version="1.0" encoding="utf-8"?>
<InventoryUpdateReply AccountName="fairway">
  <InventoryProduct>
    <ProductNo>6</ProductNo>
    <ProductName>Ashworth Golf Carry Bag</ProductName>
    <ProductSKU>ff006</ProductSKU>
    <Source>
      <Location Type="S">Arizona</Location>
      <Available>90</Available>
      <Pending>0</Pending>
      <Reserved>0</Reserved>
      <OnHand>90</OnHand>
    </Source>
    <Destination>
```



```
<Location Type="P">Arizona Will-Call</Location>
<Available>14</Available>
<Pending>0</Pending>
<Reserved>0</Reserved>
<OnHand>14</OnHand>
</Destination>
<ProductStatus>Normal</ProductStatus>
</InventoryProduct>
</InventoryUpdateReply>
```

12: ProductQuery

The ProductQuery is used to query product data, thus "exporting" products from the OMS so that they may be "imported" into an external system.

You may submit a query based on Product Number Range, Product Created Range, Product Last Updated Range, Product Name, Product SKU, Product Vendor, Product Category, Product Ship From, Product Pickup Location, Product Attribute, Product Custom Field, Product Status, and Product Visibility. Where a range is allowed you may specify a Range Start, a Range End, or both. Specifying only the Range Start is the equivalent of querying for all products that are "greater than or equal to" the submitted value, while a query containing only the Range End is the equivalent of querying for all products that are "less than or equal to" the submitted value. For example, a query for a Product Number Range with a Range Start of 100 and no Range End will return all products with a Product Number of 100 or more.

In the case of a Product Created Range or Product Last Updated Range you may specify a Start and/or End Date, and optionally a Time. If you do not specify a Time, a default value of 00:00 (i.e. 12:00 AM) is used. If you wish to specify the end of the day (particularly for a Range End), you must use a Time value of 23:59.

The ProductQuery gives you the option of returning additional product information in the query result(s) by adding one or more "include" nodes to the query. If the requested information is present in the OMS it will be exported with each related product.

A single ProductQueryReply returns no more than 15 product nodes in the corresponding ProductQueryReply, even if the requested query includes more than 15 resulting products. The presence of a NextPage node in the ProductQueryReply will indicate a subsequent "page" of results exists. You may then use the Page node in the ProductQueryRequest to iteratively request all results from your query.

Note: If the Page node in the ProductQueryRequest contains a page number greater than the maximum page number in the query results, the maximum page number is returned.

CurrentStatus Node

The CurrentStatus node in the ProductQueryRequest gives you the option of obtaining a simple status snapshot on a large number of products. To do so, specify a query range (Product Number Range, Product Created Range, or Product Last Updated Range) along with the CurrentStatus node. The ProductQueryReply will return a single node per product, containing the Product Number, Product Name, Product SKU (if one has been assigned), and Product Status. The maximum ProductQueryReply page size with the CurrentStatus node is 2000.

ProductQueryRequest URL: <https://www.nexternal.com/shared/xml/productquery.rest>

ProductQueryRequest Schema

| Element Xpath | Required | Occurs | Type | Description |
|---|----------|--------|--------------------------|--|
| Credentials | Yes | 1 | Container | Note that the supplied Credentials must contain the Client's XML Key, <u>or</u> a UserName and Password, but not both |
| Credentials/AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| Credentials/Key | No | 1 | Text Node (20 chars max) | Client's XML Key |
| Credentials/UserName | No | 1 | Text Node (50 chars max) | XML Tools User Name • See Users / New Users / Access Level in the OMS for more information about the XML Tools Access Level |
| Credentials/Password | No | 1 | Text Node (50 chars max) | XML Tools User Password |
| ProductNoRange | No | 1 | Container | For query by Product Number Range |
| ProductNoRange/ProductNoStart | No | 1 | Integer Node | Product Number Range Start |
| ProductNoRange/ProductNoEnd | No | 1 | Integer Node | Product Number Range End |
| ProductCreatedRange | No | 1 | Container | For query by Product Created Range |
| ProductCreatedRange/ProductCreatedDateStart | No | 1 | Container | |
| ProductCreatedRange/ProductCreatedDateStart/DateTime | Yes* | 1 | Container | |
| ProductCreatedRange/ProductCreatedDateStart/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Created Date Range Start |
| ProductCreatedRange/ProductCreatedDateStart/DateTime/Time | No | 1 | Time Node (hh:mm) | Created Date Range Start Time (default value: 00:00) |
| ProductCreatedRange/ProductCreatedDateEnd | No | 1 | Container | |
| ProductCreatedRange/ProductCreatedDateEnd/DateTime | Yes* | 1 | Container | |
| ProductCreatedRange/ProductCreatedDateEnd/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Created Date Range End |
| ProductCreatedRange/ProductCreatedDateEnd/DateTime/Time | No | 1 | Time Node (hh:mm) | Created Date Range End Time (default value: 00:00) |
| ProductLastUpdRange | No | 1 | Container | For query by Product Last Updated Range |
| ProductLastUpdRange/ProductLastUpdDateStart | No | 1 | Container | |
| ProductLastUpdRange/ProductLastUpdDateStart/DateTime | Yes* | 1 | Container | |
| ProductLastUpdRange/ProductLastUpdDateStart/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Last Updated Date Range Start |
| ProductLastUpdRange/ProductLastUpdDateStart/DateTime/Time | No | 1 | Time Node (hh:mm) | Last Updated Date Range Start Time (default value: 00:00) |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|---|--|
| ProductLastUpdRange/ProductLastUpdDateEnd | No | 1 | Container | |
| ProductLastUpdRange/ProductLastUpdDateEnd/Date Time | Yes* | 1 | Container | |
| ProductLastUpdRange/ProductLastUpdDateEnd/Date Time/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Last Updated Date Range End |
| ProductLastUpdRange/ProductLastUpdDateEnd/Date Time/Time | No | 1 | Time Node (hh:mm) | Last Updated Date Range End Time (default value: 00:00) |
| ProductName | No | 1 | Text Node (100 chars max) | Used to query for a partial or complete Product Name |
| ProductSKU | No | 1 | Text Node (50 chars max) | Used to query for a partial or complete Product SKU |
| ProductVendor | No | 1 | Text Node (75 chars max) | Used to query for a specific Product Vendor Name |
| ProductCategory | No | 1 | Text Node | Used to query for a Product Category or for a set of Product Subcategories <ul style="list-style-type: none"> When specifying a Product Category parameter you can enter the Subcategory Name that the Product(s) belong to, a complete Category hierarchy, or a partial Category hierarchy to retrieve all products contained within that hierarchy. Note that the Category Names must be separated by forward slashes with leading and trailing spaces (" / ") |
| ProductCategory @PreserveOrdering | No | 1 | Text Attribute (3 chars max) | Preserve Product Category Ordering (Yes or No; default value: No) <ul style="list-style-type: none"> See Categories/Category/Products in Category/Change Order in the OMS for more information about Category Ordering |
| ProductShipFrom | No | 1 | Text Node (50 chars max) | Used to query for the Internal Name of a Ship From Address |
| ProductPickupLocation | No | 1 | Text Node (50 chars max) | Used to query for the Internal Name of a Pickup Location |
| ProductAttribute | No | 1 - 10 | Text Node (50 chars max) | Product Attribute Value <ul style="list-style-type: none"> Used to query for one or more specific Product Attribute Name / Value pairs |
| ProductAttribute @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Attribute Name |
| ProductCustomField | No | 1 - 6 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field Value <ul style="list-style-type: none"> Used to query for one or more specific Product Custom Field Name / Value pairs Node Type depends on Field Type of the Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| ProductCustomField @Name | Yes* | 1 | Text Attribute (50 chars max) | Custom Field Name |
| ProductCustomField @Type | Yes* | 1 | Text Attribute (16 chars max) | Custom Field Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| ProductVisibility | No | 1 | Text Node | Used to query by Product Visibility Type (All, BtoB, BtoC, Internal, None, or a Visibility Type defined by the client) |

| Element Xpath | Required | Occurs | Type | Description |
|-----------------------------|-----------------|---------------|--------------------------|--|
| ProductStatus | No | 1 | Text Node | Used to query by Product Status (Normal, Backordered, Preordered, Sold Out, or Discontinued) |
| CreatedByNote | No | 1 | Text Node (25 chars max) | Used to query by Created By Note • The list of available values for this field can be viewed in the OMS Advanced Search Options for Products |
| LastUpdByNote | No | 1 | Text Node (25 chars max) | Used to query by Last Updated By Note • The list of available values for this field can be viewed in the OMS Advanced Search Options for Products |
| IncludeAllocation | No | 1 | Empty Node | Indicates that Product Allocation information should be included with the ProductQueryReply |
| IncludeOverrides | No | 1 | Empty Node | Indicates that Product Override information should be included with the ProductQueryReply |
| IncludeEMailAddenda | No | 1 | Empty Node | Indicates that Product EMail Addenda should be included with the ProductQueryReply |
| IncludeMarketplaceOptions | No | 1 | Empty Node | Indicates that Product Marketplace Options should be included with the ProductQueryReply |
| IncludeSearchEngineMarkup | No | 1 | Empty Node | Indicates that Product Search Engine Friendly Catalog information should be included with the ProductQueryReply |
| IncludeCustomerBasedPricing | No | 1 | Empty Node | Indicates that Product Customer Based Pricing information should be included with the ProductQueryReply |
| IncludeRelatedProducts | No | 1 | Empty Node | Indicates that information about Related Products should be included with the ProductQueryReply |
| IncludeReviews | No | 1 | Empty Node | Indicates that Customer Reviews of the Product should be included with the ProductQueryReply |
| IncludeQuestions | No | 1 | Empty Node | Indicates that Customer Questions about the Product should be included with the ProductQueryReply |
| IncludeCustomSections | No | 1 | Empty Node | Indicates that Product Custom Sections should be included with the ProductQueryReply |
| IncludeAllocation | No | 1 | Empty Node | Indicates that Product Allocation information should be included with the ProductQueryReply |
| IncludeProductLocations | No | 1 | Empty Node | Indicates that products with Enhanced Inventory enabled should return inventory information by location |
| CurrentStatus | No | 1 | Empty Node | Used to return the Product Status of all Products that fall within the specified range • Allowed only when this node is combined with ProductNoRange, ProductCreatedRange, or ProductLastUpdRange |
| Page | No | 1 | Integer Node | Requested page number of query results (default value: 1) |

ProductQueryReply Schema (without CurrentStatus node)

| Element Xpath | Always | Occurs | Type | Description |
|----------------------|---------------|---------------|-------------------|--------------------------------------|
| @AccountName | Yes | 1 | Text Attribute | Client's Account Name (e.g. fairway) |
| @Page | Yes | 1 | Integer Attribute | Page number of query results |
| Product | Yes | 1 - 15 | Container | |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|----------------------------------|--|
| Product/ProductName | Yes | 1 | Text Node (100 chars max) | Product Name |
| Product/ProductSKU | No | 1 | Text Node (50 chars max) | Product-Level SKU |
| Product/ProductNo | Yes | 1 | Integer Node | Product Number |
| Product/COGS | No | 1 | Currency Node | Product Cost Of Goods Sold |
| Product/Pricing | No | 1 | Container | Included if Product Pricing is <u>not</u> defined at the SKU level |
| Product/Pricing @Type | Yes* | 1 | Text Attribute (20 chars max) | Indicates how Product Pricing is defined (Single, Category, Volume, or Bid) |
| Product/Pricing/Price | Yes* | 1 + | Currency Node | Product Price |
| Product/Pricing/Price @Qty | No | 1 | Integer Attribute | Price Quantity level • Included if Product Pricing is Volume or Category |
| Product/Pricing/Price @Type | No | 1 | Text Attribute | Customer Type • Included only if the IncludeCustomerBasedPricing node is present in the ProductQueryRequest and the Product uses customer based pricing • If the IncludeCustomerBasedPricing node is present the default Product Level Price Type will appear as "Default" |
| Product/Pricing/Price @PercentDiscount | Yes* | 1 | Percent Attribute | Price Discount percentage |
| Product/Weight | No | 1 | Numeric Node | Product Weight, in pounds, if defined at the Product level |
| Product/OrderQty | No | 1 | Container | Minimum / Maximum Order Quantities • Included only if Minimum and Maximum Order Quantities are defined at the Product level |
| Product/OrderQty/MinQty | No | 1 | Integer Node | Minimum Order Quantity |
| Product/OrderQty/MaxQty | No | 1 | Integer Node | Maximum Order Quantity |
| Product/Inventory | No | 1 | Integer Node | Product Inventory Value • Included only if Inventory Control is enabled at Settings/Site Options/Inventory Control in the OMS, and Inventory is defined at the Product level • Present only for products where Enhanced Inventory is inactive |
| Product/InventoryByLocation | No | 1 | Container | Included only if Enhanced Inventory is active for the product |
| Product/InventoryByLocation/Location | Yes* | 1 + | Container | |
| Product/InventoryByLocation/Location @Type | Yes* | 1 | Text Attribute (1 char max) | Inventory Location Type (S or P), where "S" indicates a Shipping location and "P" indicates a Pickup location |
| Product/InventoryByLocation/Location @Name | Yes | 1 | Text Attribute (50 chars max) | Inventory Location Internal Name |
| Product/InventoryByLocation/Location/Available | Yes* | 1 | Integer Node | Available inventory at this Location |
| Product/InventoryByLocation/Location/InCart | No | 1 | Integer Node | In cart inventory at this Location • Applicable only if the product uses an Inventory Reservation |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|-------------------------------|---|
| Product/InventoryByLocation/Location/Pending | Yes* | 1 | Integer Node | Pending inventory at this Location |
| Product/InventoryByLocation/Location/Reserved | Yes* | 1 | Integer Node | Reserved inventory at this Location |
| Product/InventoryByLocation/Location/OnHand | Yes* | 1 | Integer Node | OnHand inventory at this Location |
| Product/InventoryReservation | No | 1 | Container | Included only if Enhanced Inventory is active for the product, and Inventory Reservation is in use |
| Product/InventoryReservation/Minutes | Yes* | 1 | Integer Node | Inventory Reservation (in minutes) |
| Product/ShippingRates | No | 1 | Container | Included if Shipping Rates are overridden at the Product level; or Shipping Cost Calculation (Settings/Shipping in the OMS) is UNIT and Shipping Rates are defined at the Product level |
| Product/ShippingRates/Zone | Yes* | 1 + | Container | |
| Product/ShippingRates/Zone @ID | Yes* | 1 | Integer Attribute | Shipping Zone Number (1 – 100) • Zones are defined at Settings/Shipping in the OMS |
| Product/ShippingRates/Zone/ShippingOption | Yes* | 1 + | Container | |
| Product/ShippingRates/Zone/ShippingOption/ShippingMethod | Yes* | 1 | Text Node | Shipping Method |
| Product/ShippingRates/Zone/ShippingOption/ShippingRate | Yes* | 1 | Currency Node | Shipping Rate |
| Product/Allocation | No | 1 | Container | Product Allocation information • Included only if the IncludeAllocation node is present in the ProductQueryRequest and the product is allocated |
| Product/Allocation/StartDate | No | 1 | Container | |
| Product/Allocation/StartDate/DateTime | Yes* | 1 | Container | |
| Product/Allocation/StartDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Product Allocation Start Date |
| Product/Allocation/EndDate | No | 1 | Container | |
| Product/Allocation/EndDate/DateTime | Yes* | 1 | Container | |
| Product/Allocation/EndDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Product Allocation End Date |
| Product/Allocation/CustomerType | Yes* | 1 + | Integer Node | Quantity allocated for the specified Customer Type |
| Product/Allocation/CustomerType @Name | Yes* | 1 | Text Attribute (20 chars max) | Name of Customer Type |
| Product/Images | No | 1 | Container | Included if images are defined at the Product level, or if the product uses an Image Gallery |
| Product/Images/Audio | No | 1 | URL Node | URL of Product Audio clip |
| Product/Images/Audio @Repetition | No | 1 | Text Attribute (10 chars max) | Audio Clip Repetition (Once, Continuously, or a integer value; default value: Once) |
| Product/Images/Thumbnail | No | 1 | URL Node | URL of Product Thumbnail Image |
| Product/Images/Main | No | 1 | URL Node | URL of Product Main Image |
| Product/Images/Large | No | 1 | URL Node | URL of Product Large Image |
| Product/Images/Gallery | No | 1 + | Container | Included if the product uses Image Galleries |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|-------------------------------|--|
| Product/Images/Gallery/Thumbnail | No | 1 | URL Node | URL of Gallery Thumbnail Image |
| Product/Images/Gallery/Main | No | 1 | URL Node | URL of Gallery Main Image |
| Product/Images/Gallery/Large | No | 1 | URL Node | URL of Gallery Large Image |
| Product/Images/Gallery/Default | No | 1 | Empty Node | Indicates the default Gallery Image |
| Product/InStockDate | No | 1 | Container | Included only if the Product has a zero or negative inventory, and an Expected In Stock Date is defined |
| Product/InStockDate/Date Time | Yes* | 1 | Container | |
| Product/InStockDate/Date Time/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Product In Stock Date |
| Product/SKU | No | 1 + | Container | Included if one or more attribute-based SKUs are defined for the product |
| Product/SKU @SKU | No | 1 | Text Attribute (50 chars max) | Item-Level SKU |
| Product/SKU/Attribute | No | 1 + | Text Node (50 chars max) | SKU Attribute Value |
| Product/SKU/Attribute @Name | Yes* | 1 | Text Attribute (50 chars max) | SKU Attribute Name |
| Product/SKU/COGS | No | 1 | Currency Node | SKU Cost of Goods Sold |
| Product/SKU/Pricing | No | 1 | Container | Included if Pricing is defined at the SKU level |
| Product/SKU/Pricing/Price | Yes* | 1 | Currency Node | SKU Price |
| Product/SKU/Pricing/Price @Type | No | 1 | Text Attribute | Customer Type <ul style="list-style-type: none"> • Included only if the IncludeCustomerBasedPricing node is present in the ProductQueryRequest and the SKU uses customer based pricing • If the IncludeCustomerBasedPricing node is present the default SKU Level Price Type will appear as "Default" |
| Product/SKU/Pricing/Price @PercentDiscount | Yes* | 1 | Percent Attribute | Price Discount Percentage |
| Product/SKU/UPC | No | 1 | Text Node (14 chars max) | SKU UPC Number |
| Product/SKU/ManufacturerPartNo | No | 1 | Text Node (50 chars max) | SKU Manufacturer Part Number |
| Product/SKU/WarehouseLocation | No | 1 | Text Node | Warehouse Location |
| Product/SKU/CustomerTypeUpgrade | No | 1 | Text Node | Customer Type Upgrade (from Customers/Types in the OMS) |
| Product/SKU/Weight | No | 1 | Numeric Node | SKU Weight, in pounds |
| Product/SKU/OrderQty | No | 1 | Container | Minimum / Maximum Order Quantities <ul style="list-style-type: none"> • Included only if minimum and/or maximum order quantities are defined at the SKU level |
| Product/SKU/OrderQty/MinQty | No | 1 | Integer Node | SKU Minimum Order Quantity |
| Product/SKU/OrderQty/MaxQty | No | 1 | Integer Node | SKU Maximum Order Quantity |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|-------------------------------|---|
| Product/SKU/Inventory | No | 1 | Integer Node | SKU Inventory Value • Included only if Inventory Control is enabled at Settings/Site Options/Inventory Control in the OMS, and Inventory is defined at the SKU level • Present only for products where Enhanced Inventory is inactive |
| Product/SKU/InventoryBy Location | No | 1 | Container | Included only if Enhanced Inventory is active for the product |
| Product/SKU/InventoryBy Location/Location | Yes* | 1 + | Container | |
| Product/SKU/InventoryBy Location/Location @Type | Yes* | 1 | Text Attribute (1 char max) | Inventory Location Type (S or P), where "S" indicates a Shipping location and "P" indicates a Pickup location |
| Product/SKU/InventoryBy Location/Location @Name | Yes | 1 | Text Attribute (50 chars max) | Inventory Location Internal Name |
| Product/SKU/InventoryBy Location/Location/Available | Yes* | 1 | Integer Node | Available inventory at this Location |
| Product/SKU/InventoryBy Location/Location/Pending | Yes* | 1 | Integer Node | Pending inventory at this Location |
| Product/SKU/InventoryBy Location/Location/Reserved | Yes* | 1 | Integer Node | Reserved inventory at this Location |
| Product/SKU/InventoryBy Location/Location/OnHand | Yes* | 1 | Integer Node | OnHand inventory at this Location |
| Product/SKU/ShippingRates | No | 1 | Container | Included if Shipping Rates are overridden at the SKU level; or Shipping Cost Calculation (Settings/Shipping in the OMS) is UNIT and Shipping Rates are defined at the SKU level |
| Product/SKU/ShippingRates/Zone | Yes* | 1 + | Container | |
| Product/SKU/ShippingRates/Zone @ID | Yes* | 1 | Integer Attribute | Shipping Zone Number that was overridden (1 – 100) • See Settings / Shipping in the OMS for the number of defined zones |
| Product/SKU/ShippingRates/Zone/ShippingOption | Yes* | 1 + | Container | |
| Product/SKU/ShippingRates/Zone/ShippingOption/ShippingMethod | Yes* | 1 | Text Node | Shipping Method that was overridden |
| Product/SKU/ShippingRates/Zone/ShippingOption/ShippingRate | Yes* | 1 | Currency Node | Shipping Rate that was overridden |
| Product/SKU/Allocation | No | 1 | Container | SKU Allocation information • Included only if the IncludeAllocation node is present in the ProductQueryRequest and the SKU is allocated |
| Product/SKU/Allocation/StartDate | Yes* | 1 | Container | |
| Product/SKU/Allocation/StartDate/DateTime | Yes* | 1 | Container | |
| Product/SKU/Allocation/StartDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | SKU Allocation Start Date |
| Product/SKU/Allocation/EndDate | Yes* | 1 | Container | |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|-------------------------------|--|
| Product/SKU/Allocation/EndDate/DateTime | Yes* | 1 | Container | |
| Product/SKU/Allocation/EndDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | SKU Allocation End Date |
| Product/SKU/Allocation/CustomerType | Yes* | 1 + | Integer Node | Quantity allocated for the specified Customer Type |
| Product/SKU/Allocation/CustomerType @Name | Yes* | 1 | Text Attribute (20 chars max) | Name of Customer Type |
| Product/SKU/Images | No | 1 | Container | Included if images are defined at the SKU level |
| Product/SKU/Images/Main | No | 1 | URL Node | URL of SKU Main Image |
| Product/SKU/Images/Large | No | 1 | URL Node | URL of SKU Large Image |
| Product/SKU/Images/Default | No | 1 | Empty Node | Indicates the Default Image for the SKU |
| Product/SKU/InStockDate | No | 1 | Container | Included only if the SKU has a zero or negative inventory, and an Expected In Stock Date is defined |
| Product/SKU/InStockDate/DateTime | Yes* | 1 | Container | |
| Product/SKU/InStockDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | SKU In Stock Date |
| Product/SKU/VinNow | No | 1 | Container | Included only if integrated with VinNow (Settings/Compatible Software/VinNow in the OMS) |
| Product/SKU/VinNow/Key | No | 1 | Text Attribute (50 chars max) | VinNow SKU-level Product Key |
| Product/SKU/Default | No | 1 | Empty Node | Indicates the Default SKU for the Product |
| Product/Categories | No | 1 | Container | Included if Categories are defined at the Product level |
| Product/Categories/Category | Yes* | 1 + | Container | |
| Product/Categories/Category @No | Yes* | 1 | Integer Attribute | Product Category Number |
| Product/Categories/Category/CategoryName | Yes* | 1 | Text Node | Product Category Name • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Product/Category/Primary | No | 1 | Empty Node | Indicates the Primary Category for the Product |
| Product/Attributes | No | 1 | Container | Included if the product has Attributes |
| Product/Attributes/Attribute | Yes* | 1 + | Container | |
| Product/Attributes/Attribute @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Attribute Name |
| Product/Attributes/Attribute/Option | Yes* | 1 + | Text Node (50 chars max) | Product Attribute Value |
| Product/Attributes/Attribute/Option @GalleryMainImage | No | 1 | URL Attribute | URL of Gallery Main Image • Included only if the product uses an Image Gallery, and this option is associated with a Gallery Image |
| Product/WriteIns | No | 1 | Container | Included if the product has Write-In Attributes |
| Product/WriteIns/WriteIn | Yes* | 1 + | Container | |
| Product/WriteIns/WriteIn/Name | Yes* | 1 | Text Node (50 chars max) | Write-In Attribute Name |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|--------------------------------|---|
| Product/WriteIns/WriteIn/EntryType | Yes* | 1 | Text Node (10 chars max) | Write-In Attribute Type (Text, TextArea, Checkbox, or SelectBox) |
| Product/WriteIns/WriteIn/MaxLength | No | 1 | Integer Node | Write-In Attribute Maximum Length |
| Product/WriteIns/WriteIn/Required | Yes* | 1 | Text Node (10 chars max) | Write-In Attribute Required (Yes, No, or Charge) |
| Product/WriteIns/WriteIn/AdditionalCharge | No | 1 | Currency Node | Write-In Attribute Additional Charge • Included if Product/WriteIns/WriteIn/Required is "Charge" |
| Product/WriteIns/WriteIn/AllowedValues | Yes* | 1 | Text Node | Product WriteIn Allowed Values (all types of input; only letters, numbers, and spaces; only letters and numbers; only letters and spaces; only letters; only numbers; only whole numbers; only positive numbers and zero; only positive numbers; only positive whole numbers and zero; only positive whole numbers; none) |
| Product/WriteIns/WriteIn/Options | No | 1 | Container | Included if EntryType is SelectBox |
| Product/WriteIns/WriteIn/Option | Yes* | 1 + | Text Node | SelectBox Option Value |
| Product/Specifications | No | 1 | Container | Included if Specifications are defined at the Product level |
| Product/Specifications/Specification | Yes* | 1 + | Text Node (255 chars max) | Product Specification Value |
| Product/Specifications/Specification @Name | Yes* | 1 | Text Attribute (100 chars max) | Product Specification Name |
| Product/Status | Yes | 1 | Text Attribute (20 chars max) | Product Status (Normal, Preordered, Backordered, Sold Out, Discontinued) |
| Product/Vendor | No | 1 | Text Node (75 chars max) | Vendor Name |
| Product/Vendor @No | Yes* | 1 | Integer Attribute | Vendor Number |
| Product/Vendor @Code | No | 1 | Text Attribute (50 chars max) | Vendor Code |
| Product/ShipFrom | Yes | 1 | Text Node (50 chars max) | Primary Ship From Internal Name |
| Product/AddlShipFroms | No | 1 | Container | Included if any Additional Ship-From Locations are defined for the Product • Requires that Directed Fulfillment (Settings/Site Options/Inventory Control in the OMS) be enabled |
| Product/AddlShipFroms/InternalName | Yes* | 1 + | Text Node (50 chars max) | Ship-From Location Internal Name |
| Product/PickupLocations | No | 1 | Container | Included if any Pickup Locations are defined for the Product |
| Product/PickupLocations @EnablePickup | Yes* | 1 | Text Attribute (3 chars max) | Pickup is enabled for this Product (Yes or No) |
| Product/PickupLocations @PickupOnly | Yes* | 1 | Text Attribute (3 chars max) | Product is designated as Pickup Only (Yes or No) • If set to "Yes" this indicates the Product cannot be shipped |
| Product/PickupLocations/InternalName | Yes* | 1 + | Text Node (50 chars max) | Pickup Location Internal Name |

| Element Xpath | Always | Occurs | Type | Description |
|---------------------------|---------------|---------------|---|--|
| Product/WarehouseLocation | No | 1 | Text Node | WarehouseLocation |
| Product/CustomField1 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #1 Value • Node Type depends on Field Type of Custom Field. |
| Product/CustomField1@Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #1 Name |
| Product/CustomField1@Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #1 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField2 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #2 Value • Node Type depends on Field Type of Custom Field. |
| Product/CustomField2@Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #2 Name |
| Product/CustomField2@Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #2 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField3 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #3 Value • Node Type depends on Field Type of Custom Field. |
| Product/CustomField3@Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #3 Name |
| Product/CustomField3@Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #3 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField4 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #4 Value • Node Type depends on Field Type of Custom Field. |
| Product/CustomField4@Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #4 Name |
| Product/CustomField4@Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #4 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField5 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #5 Value • Node Type depends on Field Type of Custom Field. |
| Product/CustomField5@Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #5 Name |
| Product/CustomField5@Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #5 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField6 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #6 Value • Node Type depends on Field Type of Custom Field. |
| Product/CustomField6@Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #6 Name |
| Product/CustomField6@Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #6 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField7 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #7 Value • Node Type depends on Field Type of Custom Field |
| Product/CustomField7@Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #7 Name |

| Element Xpath | Always | Occurs | Type | Description |
|--------------------------------|---------------|---------------|---|---|
| Product/CustomField7 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #7 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField8 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #8 Value • Node Type depends on Field Type of Custom Field |
| Product/CustomField8 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #8 Name |
| Product/CustomField8 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #8 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField9 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #9 Value • Node Type depends on Field Type of Custom Field |
| Product/CustomField9 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #9 Name |
| Product/CustomField9 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #9 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField10 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #10 Value • Node Type depends on Field Type of Custom Field |
| Product/CustomField10 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #10 Name |
| Product/CustomField10 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #10 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField11 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #11 Value • Node Type depends on Field Type of Custom Field |
| Product/CustomField11 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #11 Name |
| Product/CustomField11 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #11 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField12 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #12 Value • Node Type depends on Field Type of Custom Field |
| Product/CustomField12 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #12 Name |
| Product/CustomField12 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #12 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField13 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #13 Value • Node Type depends on Field Type of Custom Field |
| Product/CustomField13 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #13 Name |
| Product/CustomField13 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #13 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField14 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #14 Value • Node Type depends on Field Type of Custom Field |

| Element Xpath | Always | Occurs | Type | Description |
|--------------------------------|---------------|---------------|---|---|
| Product/CustomField14 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #14 Name |
| Product/CustomField14 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #14 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField15 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #15 Value • Node Type depends on Field Type of Custom Field |
| Product/CustomField15 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #15 Name |
| Product/CustomField15 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #15 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField16 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #16 Value • Node Type depends on Field Type of Custom Field |
| Product/CustomField16 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #16 Name |
| Product/CustomField16 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #16 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField17 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #17 Value • Node Type depends on Field Type of Custom Field |
| Product/CustomField17 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #17 Name |
| Product/CustomField17 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #17 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField18 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #18 Value • Node Type depends on Field Type of Custom Field |
| Product/CustomField18 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #18 Name |
| Product/CustomField18 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #18 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField19 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #19 Value • Node Type depends on Field Type of Custom Field |
| Product/CustomField19 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #19 Name |
| Product/CustomField19 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #19 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField20 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #20 Value • Node Type depends on Field Type of Custom Field |
| Product/CustomField20 @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Custom Field #20 Name |
| Product/CustomField20 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #20 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/Taxable | Yes | 1 | Text Node (5 chars max) | Product Taxability (All, None, or State) |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|---------------------------|---|
| Product/Taxable @States | No | 1 | Text Attribute | For Product Taxability of State, this attribute contains a comma-delimited list of taxable states |
| Product/Visibility | Yes | 1 | Text Node (20 chars max) | Product Visibility (All, BtoB, BtoC, Internal, None, or Type) |
| Product/Visibility @Types | No | 1 | Text Attribute | For Product Visibility of Type, this attribute contains a comma-delimited list of Customer Types with visibility |
| Product/HidePrice | No | 1 | Empty Node | Indicates that Product Price(s) are hidden |
| Product/Restricted | No | 1 | Empty Node | Indicates that the product is Restricted |
| Product /Expedited | No | 1 | Empty Node | Indicates that the product requires Expedited Shipping |
| Product /RequiresDryIce | No | 1 | Empty Node | Indicates that the product requires Dry Ice |
| Product/Required | No | 1 | Empty Node | Indicates that the product is Required |
| Product/DiscountEligible | No | 1 | Empty Node | Indicates that the product is eligible for Category Discounts, Order Discounts, and Customer Discounts |
| Product/CartAddendumEligible | No | 1 | Empty Node | Indicates that the product is eligible for the Cart Addendum |
| Product/PendingEditEligible | No | 1 | Empty Node | Indicates that the product may be included in a Pending Edit |
| Product/AllowDirectCheckout | No | 1 | Empty Node | Indicates that Direct Checkout is available |
| Product/AllowReviews | No | 1 | Empty Node | Indicates that the product is Reviewable |
| Product/AllowQuestions | No | 1 | Empty Node | Indicates that the product allows Questions |
| Product/ProductLink | No | 1 | Container | Included if E-Business Type (Settings/Site Options in the OMS) is BtoC or Both |
| Product/ProductLink/StoreFront | Yes* | 1 | URL Node | URL to access the product page in the BtoC Store |
| Product/ProductLink/DirectCheckout | No | 1 | URL Node | If Direct Checkout is enabled (Settings/Boolean Options in the OMS) and the Product/AllowDirectCheckout node is present, this node contains the Direct Checkout URL |
| Product/CustomerTypeUpgrade | No | 1 | Text Node | Customer Type Upgrade (from Customers/Types in the OMS) |
| Product/Description | Yes | 1 | Container | |
| Product/Description/Short | No | 1 | Text Node (255 chars max) | Product Short Description |
| Product/Description/Long | No | 1 | Text Node | Product Long Description |
| Product/Description/CustomSection1 | No | 1 | Text Node | Product Custom Section 1 Text • Included only if the IncludeCustomSections node is present in the ProductQueryRequest |
| Product/Description/CustomSection1 @Label | Yes* | 1 | Text Node (255 chars max) | Product Custom Section 1 Label |
| Product/Description/CustomSection2 | No | 1 | Text Node | Product Custom Section 2 Text • Included only if the IncludeCustomSections node is present in the ProductQueryRequest |
| Product/Description/CustomSection2 @Label | Yes* | 1 | Text Node (255 chars max) | Product Custom Section 2 Label |
| Product/Description/Internal | No | 1 | Text Node | Product Internal Memo |
| Product/Description/Keywords | No | 1 | Text Node | Product Search Keywords |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|---------------------------------|--|
| Product/Created | Yes | 1 | Container | |
| Product/Created/DateTime | Yes | 1 | Container | |
| Product/Created/DateTime/ Date | Yes | 1 | Date Node (mm/dd/yyyy) | Product Created Date |
| Product/Created/DateTime/ Time | Yes | 1 | Time Node (hh:mm) | Product Created Time |
| Product/CreatedBy | Yes | 1 | Container | |
| Product/CreatedBy/Name | Yes | 1 | Container | |
| Product/CreatedBy/Name/ FirstName | No | 1 | Text Node (50 chars max) | Created By User First Name |
| Product/CreatedBy/Name/ LastName | No | 1 | Text Node (50 chars max) | Created By User Last Name |
| Product/CreatedBy/Created ByNote | No | 1 | Text Node (25 chars max) | Created By Note • The list of available values for this field can be viewed in the OMS Advanced Search Options for Products |
| Product/LastUpd | Yes | 1 | Container | |
| Product/LastUpd/DateTime | Yes | 1 | Container | |
| Product/LastUpd/DateTime /Date | Yes | 1 | Date Node (mm/dd/yyyy) | Product Last Updated Date |
| Product/LastUpd/DateTime /Time | Yes | 1 | Time Node (hh:mm) | Product Last Updated Time |
| Product/LastUpdBy | Yes | 1 | Container | |
| Product/LastUpdBy/Name | Yes | 1 | Container | |
| Product/LastUpdBy/Name/ FirstName | No | 1 | Text Node (50 chars max) | Last Updated By User First Name |
| Product/LastUpdBy/Name/ LastName | No | 1 | Text Node (50 chars max) | Last Updated By User Last Name |
| Product/LastUpdBy/LastU pdByNote | No | 1 | Text Node (25 chars max) | Last Updated By Note • The list of available values for this field can be viewed in the OMS Advanced Search Options for Products |
| Product/Overrides | No | 1 | Container | Product Override information • Included only if the IncludeOverrides node is present in the ProductQueryRequest |
| Product/Overrides/QuickB ookSalesAccount | No | 1 | Text Node (100 chars max) | QuickBooks Sales Account Value |
| Product/Overrides/Review ReminderDelay | No | 1 | Integer Node | Review Reminder Time Delay in Days (optional) • Included only if Use Review Reminders is enabled in Reviews/Setup/Review Reminders in the OMS and the product Review Reminder Time Delay has a value |
| Product/Overrides/Individu alShippingPackage | No | 1 | Container | Included if an Individual Shipping Package Override is defined at the Product level |
| Product/Overrides/Individu alShippingPackage/Length | No | 1 | Numeric Node | Shipping Package Length (in inches) |
| Product/Overrides/Individu alShippingPackage/Width | No | 1 | Numeric Node | Shipping Package Width (in inches) |
| Product/Overrides/Individu alShippingPackage/Height | No | 1 | Numeric Node | Shipping Package Height (in inches) |
| Product/Overrides/Individu alShippingPackage/DryIce Weight | No | 1 | Numeric Node | Weight of Dry Ice for Package (in pounds) |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|--------------------------|---|
| Product/Overrides/IndividualShippingPackage/UPSPackaging | No | 1 | Text Node (35 chars max) | UPS Shipping Package Type |
| Product/Overrides/IndividualShippingPackage/FedExGroundPackaging | No | 1 | Text Node (27 chars max) | FedEx Ground Shipping Package Type |
| Product/Overrides/IndividualShippingPackage/FedExExpressPackaging | No | 1 | Text Node (14 chars max) | FedEx Express Shipping Package Type |
| Product/Overrides/IndividualShippingPackage/USPSPackaging | No | 1 | Text Node (28 chars max) | USPS Shipping Package Type |
| Product/Overrides/AlcoholDesignation | No | 1 | Container | Included if an Alcohol Designation Override is defined at the Product level |
| Product/Overrides/AlcoholDesignation @Enabled | Yes* | 1 | Text Attribute | Alcohol Designation Override (Yes, No, or Default) |
| Product/Overrides/AlcoholDesignation/Liters | Yes* | 1 | Numeric Node | Liters of Alcohol being Shipped |
| Product/Overrides/AlcoholDesignation/Type | Yes* | 1 | Text Node (16 chars max) | Type of Alcohol being Shipped |
| Product/Overrides/AlcoholDesignation/PackingUnits | Yes* | 1 | Integer Node | Number of Alcohol Packages being Shipped |
| Product/Overrides/AlcoholDesignation/PackingType | Yes* | 1 | Text Node (6 chars max) | Alcohol Package Type Designation for Alcohol being Shipped |
| Product/Overrides/ShipCompliant | No | 1 | Container | If ShipCompliant processing is enabled (Settings/Compatible Software/ShipCompliant), this field overrides the default settings for ShipCompliant web service. |
| Product/Overrides/ShipCompliant/ProductKey | Yes* | 1 | Text Node (50 chars max) | ShipCompliant Product Key |
| Product/Overrides/ShipCompliant/BrandKey | Yes* | 1 | Text Node (50 chars max) | ShipCompliant Brand Key |
| Product/Overrides/VinNow | No | 1 | Container | Included only if integrated with VinNow (Settings/Compatible Software/VinNow in the OMS) |
| Product/Overrides/VinNow/ProductKey | No | 1 | Text Node (50 chars max) | VinNow Product Key |
| Product/Overrides/VinNow/BrandKey | No | 1 | Text Node (50 chars max) | VinNow Brand Key |
| Product/Overrides/InventoryWarningLevel | No | 1 | Integer Node | If Inventory Control is on (Settings/Site Options/Inventory Control in the OMS), this field overrides the default Warning Level, which is the inventory level at which a notification e-mail is sent to the Primary Contact and any Secondary Contacts as defined at the User Level |
| Product/Overrides/DepletionStatus | No | 1 | Text Node (20 chars max) | Product Depletion Status (Preordered, Backordered, Sold Out, Discontinued) |
| Product/Overrides/ExpectedShippingDays | No | 1 | Integer Node | The number of days within which the product is expected to ship (when in stock) <ul style="list-style-type: none"> • Applicable only if Expected Shipping Time is on at Settings/Site Options/Expected Shipping Time in the OMS • Calendar days, business days, or shipping days may apply, depending on the value selected at Settings/Site Options/Expected Shipping Time/ |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|------------------------------|---|
| Product/Overrides/InStock Message | No | 1 | Text Node (200 chars max) | Product In Stock Message • If Expected Shipping Time is on (Settings/Site Options/Expected Shipping Time in the OMS) this field overrides the default In Stock Message |
| Product/Overrides/Sharing Discount | No | 1 | Currency Node | Product Sharing Discount Amount |
| Product/Overrides/Sharing Discount @Type | Yes* | 1 | Text Attribute (7 chars max) | Product Sharing Discount Type (Amount or Percent) |
| Product/Overrides/Country OfOriginCode | No | 1 | Text Node (2 chars max) | Product Sharing Country Of Origin Code • See Chapter 2 for Country Code information |
| Product/Overrides/UnavailableOption | No | 1 | Container | Product Unavailable Option • Included only if the Product Unavailable Option is not set to Default Message |
| Product/Overrides/UnavailableOption @Option | Yes* | 1 | Text Attribute (7 chars max) | Product Unavailable Option Type (Default, 301, 302, or Custom) |
| Product/Overrides/UnavailableOption/CustomMessage | No | 1 | Text Node | Product Unavailable Custom Message • Included only if the Product Unavailable Option Type is Custom |
| Product/Overrides/UnavailableOption/RedirectTo | No | 1 | URL Node | Product Unavailable Redirect To • Included only if the Product Unavailable Option Type is 301 or 302 |
| Product/EMailAddenda | No | 1 | Container | Product EMail Addenda • Included only if the IncludeEmailAddenda node is present in the ProductQueryRequest and the Product includes at least one E-Mail Addendum |
| Product/EMailAddenda/OrderConfirmation | No | 1 | Text Node | Order Confirmation E-Mail Addendum |
| Product/EMailAddenda/OrderConfirmation @Position | Yes* | 1 | Text Attribute (5 chars max) | Order Confirmation E-Mail Position (Above or Below) |
| Product/EMailAddenda/OrderShipped | No | 1 | Text Node | Shipped E-Mail Addendum |
| Product/EMailAddenda/OrderShipped @Position | Yes* | 1 | Text Attribute (5 chars max) | Shipped E-Mail Addendum Position (Above or Below) |
| Product/EMailAddenda/OrderUpdated | No | 1 | Text Node | Update E-Mail Addendum |
| Product/EMailAddenda/OrderUpdated @Position | Yes* | 1 | Text Attribute (5 chars max) | Update E-Mail Addendum Position (Above or Below) |
| Product/MarketplaceOptions | No | 1 | Container | Product Marketplace Options • Included only if the IncludeMarketplaceOptions node is present in the ProductQueryRequest and the Product includes at least one Marketplace Option |
| Product/MarketplaceOptions/Format | No | 1 | Text Node (10 chars max) | Product Format (Soft Cover, Hard Cover, Audio Book, eBook, CD, DVD, Cassette, Vinyl, VHS) |
| Product/MarketplaceOptions/Manufacturer | No | 1 | Container | Included if a Manufacturer is defined at the Product level |
| Product/MarketplaceOptions/Manufacturer/ManufacturerName | No | 1 | Text Node (50 chars max) | Product Manufacturer Name |
| Product/MarketplaceOptions/Manufacturer/ManufacturerPartNo | No | 1 | Text Node (50 chars max) | Product Manufacturer Part Number |
| Product/MarketplaceOptions/UPC | No | 1 | Text Node (14 chars max) | Product UPC Number |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|---------------------------|---|
| Product/MarketplaceOptions/ISBN | No | 1 | Text Node (13 chars max) | Product ISBN Number |
| Product/MarketplaceOptions/Gender | No | 1 | Text Node (8 chars max) | Product Gender (Male, Female, Unisex) |
| Product/MarketplaceOptions/AgeGroup | No | 1 | Text Node (5 chars max) | Product Age Group (Newborn, Infant, Toddler, Kids, Adult) |
| Product/MarketplaceOptions/Size | No | 1 | Text Node (30 chars max) | Product Size |
| Product/MarketplaceOptions/Color | No | 1 | Text Node (30 chars max) | Product Color |
| Product/MarketplaceOptions/SizeSystem | No | 1 | Text Node (3 chars max) | Product Size System (US, UK, EU, DE, FR, JP, CN, IT, BR, MEX, AU) |
| Product/MarketplaceOptions/SizeType | No | 1 | Text Node (12 chars max) | Product Size Type (Regular, Petite, Plus, Big and Tall, Maternity) |
| Product/MarketplaceOptions/Condition | No | 1 | Text Node (11 chars max) | Product Condition (New, Used, Refurbished) |
| Product/MarketplaceOptions/AlcoholOptions | No | 1 | Container | Product Alcohol Options • Included only if the IncludeMarketplaceOptions node is present in the ProductQueryRequest and the Product includes at least one Alcohol Option |
| Product/MarketplaceOptions/AlcoholOptions/VintageYear | No | 1 | Date Node (yyyy) | Product Vintage Year |
| Product/MarketplaceOptions/AlcoholOptions/Region | No | 1 | Text Node (40 chars max) | Product Region |
| Product/MarketplaceOptions/AlcoholOptions/SubRegion | No | 1 | Text Node (30 chars max) | Product Sub-Region |
| Product/MarketplaceOptions/AlcoholOptions/AlcoholByVolume | No | 1 | Percent Node | Product Alcohol By Volume |
| Product/MarketplaceOptions/AlcoholOptions/VarietalComposition | No | 1 | Text Node (20 chars max) | Product Varietal Composition (Barbera, Cabernet Franc, Cabernet Sauvignon, Canaiolo, Carignan, Carmenere, Chardonnay, Chenin Blanc, Garnacha, Graciano, Grenache, Gruner Veltliner, Macabeo, Malbec, Mazuelo, Merlot, Monastrell, Montepulciano, Mourvedre, Nero D'Avola, Palomino, Petit Verdot, Pinot Grigio, Pinot Noir, Pinotage, Riesling, Sangiovese, Sauvignon Blanc, Semillon, Shiraz, Spatburgunder, Syrah, Tannat, Tempranillo, Trebbiano, Verdejo, Verdicchio, Viognier, Viura, Weissburgunder, Zinfandel, Zweigelt) |
| Product/MarketplaceOptions/AlcoholOptions/BodyDescription | No | 1 | Text Node (10 chars max) | Body Description (Red Wine, White Wine, Rose) |
| Product/SearchEngineMarkup | No | 1 | Container | Product Search Engine Options • Included only if the IncludeSearchEngineMarkup node is present in the ProductQueryRequest and the Product includes at least one Search Engine Option |
| Product/SearchEngineMarkup/TitleTag | No | 1 | Text Node (120 chars max) | HTML Title Tag |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|------------------------------|---|
| Product/SearchEngineMarkup/ImageAltTag | No | 1 | Text Node (120 chars max) | Image Alt Tag |
| Product/SearchEngineMarkup/MetaDescription | No | 1 | Text Node | Meta Description |
| Product/SearchEngineMarkup/MetaKeywords | No | 1 | Text Node | Meta Keywords |
| Product/RelatedProducts | No | 1 | Container | Related Product information • Included only if the IncludeRelate Products node is present in the ProductQueryRequest and the Product has Related Products |
| Product/RelatedProducts/RelatedProduct | No | 1 + | Container | |
| Product/RelatedProducts/RelatedProduct/Product | Yes* | 1 | Text Node (100 chars max) | Related Product Name |
| Product/RelatedProducts/RelatedProduct/SKU | Yes* | 1 | Text Node (50 chars max) | Related Product SKU Number |
| Product/RelatedProducts/RelatedProduct/Category | Yes* | 1 | Text Node (50 chars max) | Related Product Category • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Product/RelatedProducts/RelatedProduct/Relationship | Yes* | 1 | Text Node (255 chars max) | Related Product Relationship Value |
| Product/AutomaticAddTriggers | No | 1 | Container | Automatic Add Triggers |
| Product/AutomaticAddTriggers/Trigger | Yes* | 1 + | Container | |
| Product/AutomaticAddTriggers/Trigger @Type | Yes* | 1 | Text Attribute | Automatic Add Trigger Type (Category, Coupon, Product, or QueryString) |
| Product/AutomaticAddTriggers/Trigger/Name | No | 1 | Text Node | Automatic Add Trigger Name • Included if the Automatic Add Trigger Type is Category, Coupon, or Product |
| Product/AutomaticAddTriggers/Trigger/Parameter | No | 1 | Text Node | Automatic Add Trigger URL Query String Parameter • Included if the Automatic Add Trigger Type is QueryString |
| Product/AutomaticAddTriggers/Trigger/Value | No | 1 | Text Node | Automatic Add Trigger URL Query String Value • Included if the Automatic Add Trigger Type is QueryString |
| Product/AutomaticAddTriggers/Trigger/TriggerQty | No | 1 | Numeric Node | Automatic Add Trigger Trigger Quantity • Included if the Automatic Add Trigger Type is Category or Product |
| Product/AutomaticAddTriggers/Trigger/AddQty | Yes | 1 | Numeric Node | Automatic Add Trigger Add Qty |
| Product/InventoryKits | No | 1 | Container | Inventory Kit Products/SKU's • Included if the product contains an Inventory Kit |
| Product/InventoryKits/KitProduct | Yes* | 1 + | Container | |
| Product/InventoryKits/KitProduct @SKU | Yes* | 1 | Text Attribute | Inventory Kit SKU Number • Included if the Inventory Kit is defined as a SKU Kit |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|---------------------------|--|
| Product/InventoryKits/KitProduct/Product | Yes* | 1 | Text Node | Inventory Kit Product Name |
| Product/InventoryKits/KitProduct @Level | Yes | 1 | Text Attribute | Indicates whether the Inventory Kit Product is defined at the Product Level or the SKU Level |
| Product/InventoryKits/KitProduct/SKU | No | 1 | Text Node | Inventory Kit Product SKU number |
| Product/InventoryKits/KitProduct/Attribute | No | 1 + | Text Node | Inventory Kit Product Attribute Value • Included if the Inventory Kit Product is defined at the SKU Level |
| Product/InventoryKits/KitProduct/Attribute @Name | Yes* | 1 | Text Attribute | Inventory Kit Product Attribute Name • Included if the Inventory Kit Product is defined at the SKU Level |
| Product/InventoryKits/KitProduct/Category | Yes* | 1 | Text Node | Inventory Kit Product Category Name • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Product/InventoryKits/KitProduct/Inventory | No | 1 | Integer Node | Inventory Kit Product Inventory Value • Included only if Inventory Control is enabled at Settings/Site Options/Inventory Control in the OMS |
| Product/InventoryKits/KitProduct/Quantity | Yes* | 1 | Integer Node | Inventory Kit Product Quantity Value |
| Product/ProductReviews | No | 1 | Container | Product Review information • Included only if the IncludeReviews node is present in the ProductQueryRequest and the product has Reviews |
| Product/ProductReviews/ProductReview | No | 1 + | Container | |
| Product/ProductReviews/ProductReview @No | Yes* | 1 | Integer Attribute | Product Review Number |
| Product/ProductReviews/ProductReview/ReviewDate | Yes* | 1 | Container | |
| Product/ProductReviews/ProductReview/ReviewDate/DateTime | Yes* | 1 | Container | |
| Product/ProductReviews/ProductReview/ReviewDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Product Review Date |
| Product/ProductReviews/ProductReview/Title | Yes* | 1 | Text Node (200 chars max) | Product Review Title |
| Product/ProductReviews/ProductReview/Review | Yes* | 1 | Text Node | Product Review Value |
| Product/ProductReviews/ProductReview/Rating | Yes* | 1 | Integer Node | Product Review Rating |
| Product/ProductQuestions | No | 1 | Container | Product Question information • Included only if the Include Questions node is present in the ProductQueryRequest and there are Questions about the Product |
| Product/ProductQuestions/ProductQuestion | Yes* | 1 + | Container | |
| Product/ProductQuestions/ProductQuestion @No | Yes* | 1 | Integer Attribute | Product Question Number |

| Element Xpath | Always | Occurs | Type | Description |
|--|--------|--------|------------------------|--|
| Product/ProductQuestions/ProductQuestion/Question Date | Yes* | 1 | Container | |
| Product/ProductQuestions/ProductQuestion/Question Date/DateTime | Yes* | 1 | Container | |
| Product/ProductQuestions/ProductQuestion/Question Date/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Product Question Date |
| Product/ProductQuestions/ProductQuestion/Question | Yes* | 1 | Text Node | Question Value |
| Product/ProductQuestions/ProductQuestion/Response Date | No | 1 | Container | |
| Product/ProductQuestions/ProductQuestion/Response Date/DateTime | Yes* | 1 | Container | |
| Product/ProductQuestions/ProductQuestion/Response Date/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Date of Product Question Response |
| Product/ProductQuestions/ProductQuestion/Response | No | 1 | Text Node | Response to Product Question |
| Product/ProductQuestions/NextPage | No | 1 | Empty Node | Indicates the existence of a subsequent page of Products |

ProductQueryRequest Example (without CurrentStatus node)

```
<?xml version="1.0" encoding="utf-8" ?>
<ProductQueryRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <Key>Nk5\#/K#0:;!C:SfqVs0</Key>
  </Credentials>
  <ProductName>Caddyshack DVD</ProductName>
</ProductQueryRequest>
```

ProductQueryReply Example (without CurrentStatus node)

```
<?xml version="1.0" encoding="utf-8"?>
<ProductQueryReply AccountName="fairway" Page="1">
  <Product>
    <ProductName>Caddyshack DVD</ProductName>
    <ProductSKU>ff036</ProductSKU>
    <ProductNo>36</ProductNo>
    <COGS>0.00</COGS>
    <Pricing Type="Single">
      <Price PercentDiscount="25.0125062531266">19.99</Price>
    </Pricing>
    <Weight>1.00</Weight>
    <Inventory>989</Inventory>
    <Images>
      <Audio Repetition="Once">http://www.nexternal.com/fairway/images/allthat.wav</Audio>
      <Thumbnail>http://www.nexternal.com/fairway/images/caddyshack-dvd-thumb.gif</Thumbnail>
      <Main>http://www.nexternal.com/fairway/images/caddyshack-dvd-main.jpg</Main>
```

```

    <Large>http://www.nexternal.com/fairway/images/caddyshack-dvd-large.jpg</Large>
</Images>
<Categories>
  <Category No="6">
    <CategoryName>Weekly Specials</CategoryName>
    <Primary />
  </Category>
</Categories>
<Status>Normal</Status>
<Vendor No="15">CaddyShack Industries</Vendor>
<ShipFrom>FirstFairway</ShipFrom>
<Taxable>All</Taxable>
<Visibility>All</Visibility>
<DiscountEligible />
<CartAddendumEligible />
<PendingEditEligible />
<AllowDirectCheckout />
<AllowReviews />
<AllowQuestions />
<ProductLink>
  <StoreFront>http://store.firstfairway.com/caddyshack-dvd-p36.aspx</StoreFront>
  <DirectCheckout>http://store.firstfairway.com/caddyshack-dvd-p36direct.aspx</DirectCheckout>
</ProductLink>
<Description>
  <Long>Tee off with a foursome of the big screen's funniest clowns as the greens keeper starts World
War III against a gopher during a&nbsp;&nbsp;&nbsp;sidesplitting round of fairway foolishness.&nbsp;&nbsp;&nbsp;Caddyshack on DVD&nbsp;&nbsp;&nbsp;is a can't miss for any golfer's movie collection.</Long>
</Description>
<Created>
  <DateTime>
    <Date>11/20/2002</Date>
    <Time>17:04</Time>
  </DateTime>
</Created>
<CreatedBy>
  <Name>
    <FirstName>Demonstration</FirstName>
    <LastName>User</LastName>
  </Name>
</CreatedBy>
<LastUpd>
  <DateTime>
    <Date>09/10/2012</Date>
    <Time>10:54</Time>
  </DateTime>
</LastUpd>
<AutomaticAddTriggers>
  <Trigger Type="QueryString">
    <Parameter>addtocart</Parameter>
    <Value>true</Value>
    <AddQty>1</AddQty>
  </Trigger>
</AutomaticAddTriggers>
</Product>
</ProductQueryReply>

```

ProductQueryReply Schema (with CurrentStatus node)

| Element Xpath | Always | Occurs | Type | Description |
|---|--------|----------|-------------------|--|
| @AccountName | Yes | 1 | Text Attribute | Client's Account Name (e.g. fairway) |
| @Page | Yes | 1 | Integer Attribute | Page number of query results |
| CurrentStatus | No | 1 | Container | Current Status of Products that fall within the specified query range <ul style="list-style-type: none"> Included only if a query range is specified and the CurrentStatus node is present in the ProductQueryRequest |
| CurrentStatus/Product | Yes | 1 - 2000 | Text Node | Product Status (Normal, Preordered, Backordered, Sold Out, or Discontinued) |
| CurrentStatus/Product @No | Yes | 1 | Integer Attribute | Product Number |
| CurrentStatus/Product @Name | Yes | 1 | Text Attribute | Product Name |
| CurrentStatus/Product @SKU | Yes | 1 | Text Attribute | Product SKU (if assigned) |
| CurrentStatus/Product @AllSKUsAvailable | Yes | 1 | Boolean Attribute | SKU-level inventory status (True if all SKU's have one or more items in inventory, False if one or more SKU items has an inventory level less than 1) <ul style="list-style-type: none"> Included only if inventory is assigned at the SKU level |
| NextPage | No | 1 | Empty Node | Indicates the existence of a subsequent page of Products |

ProductQueryRequest Example (with CurrentStatus node)

```
<?xml version="1.0" encoding="utf-8"?>
<ProductQueryRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <Key>Nk5\#/K#0:;!C:SfqVs0</Key>
  </Credentials>
  <ProductCreatedRange>
    <ProductCreatedDateStart>
      <DateTime>
        <Date>07/01/2007</Date>
      </DateTime>
    </ProductCreatedDateStart>
    <ProductCreatedDateEnd>
      <DateTime>
        <Date>07/15/2007</Date>
      </DateTime>
    </ProductCreatedDateEnd>
  </ProductCreatedRange>
  <CurrentStatus />
</ProductQueryRequest>
```

ProductQueryReply Example (with CurrentStatus node)

```
<?xml version="1.0" encoding="utf-8"?>
<ProductQueryReply AccountName="fairway" Page="1">
  <CurrentStatus>
```


<Product No="61" Name="Adams Insight Tour Hat" SKU="ff066">Discontinued</Product>
<Product No="62" Name="Adams Micro-Pima Tour Shirt" SKU="ff062">Normal</Product>
<Product No="63" Name="Callaway Game Series Golf Glove" SKU="ff063">Discontinued</Product>
<Product No="67" Name="Cleveland HiBore XL Driver" SKU="ff067">Normal</Product>
<Product No="60" Name="Nike Men's SP-8 Golf Shoes" SKU="ff060">Normal</Product>
<Product No="64" Name="Nike OZ Black T130 Putter" SKU="ff064">Normal</Product>
<Product No="59" Name="Nike Sphere Dry Polo" SKU="ff059">Normal</Product>
<Product No="65" Name="Oakley Men's Loft Polo Shirt" SKU="ff065">Normal</Product>
<Product No="66" Name="TaylorMade Monza Corza Putter" SKU="ff063">Normal</Product>
</CurrentStatus>
</ProductQueryReply>

13: ProductUpdate

The ProductUpdateRequest is used to add or update product information in the OMS. This allows you to "import" existing product data from an external system.

When updating existing product information, products may be identified by Product Name, Product SKU, or Product Number. You can add or update product information and settings, including Product Descriptions, Product Images and Audio, Product Allocation, Product Overrides, Marketplace Options, Search Engine Options, Price Tiers, Product Attributes and Options, Product SKU's, Write-In Attributes, Product Specifications, Product Categories, and Related Products.

Product Images and Audio can be imported from an external website by specifying the file's URL via the appropriate node. The file is then copied and stored on our servers in the client's images folder (<http://www.nexternal.com/AccountName/images/>). If the image or audio file has already been uploaded to the client's images folder via the OMS or with a prior ProductUpdate just reference the filename and extension to include it in a ProductUpdateRequest.

Please note that adding or removing a Product Attribute, or removing a Product Option, will cause the removal of any SKU items impacted by the change. However, restoring the change on the Attribute or Option level will likewise restore the affected SKU Items. Please note also that the ProductUpdateRequest may not be used to delete Products.

For each successful add and/or update the ProductUpdateReply will return a Product container with the Product Name, Product Number, a Status container outlining the general operations that were performed, and any warnings or logical errors (e.g. Product Taxable has been set to "State" but no taxable states have been defined) that occurred during the update process.

For any product with Enhanced Inventory enabled, updating inventory via Product Update only updates the available quantity, and cannot be used to update the available quantity for Kits or SKU Kits. Please use the [Inventory Update](#) tool to perform comprehensive inventory adjustments for Enhanced Inventory.

The ForceProceed node in the ProductUpdateRequest forces the tool to proceed with valid product updates even if there is invalid update request. In such a scenario the corresponding Product container for the invalid request(s) in the ProductUpdateReply will contain the Error XML elements specified in Chapter 15 (Errors) in lieu of the elements specified in the ProductUpdateReply schema. If the ForceProceed node is not included in the ProductUpdateRequest any invalid Product container will result in the failure of all subsequent Product container(s) in the request.

A single ProductUpdateRequest may contain no more than 15 Product containers, and each Product container may contain no more than 100 SKUItem containers. If you wish

to create or update more than 15 products, or a product with more than 100 SKU items, you must do so in an iterative manner.

ProductUpdateRequest URL:

<https://www.nexternal.com/shared/xml/productupdate.rest>

ProductUpdateRequest Schema

| Element Xpath | Required | Occurs | Type | Description |
|--------------------------|-----------------|---------------|-------------------------------|---|
| Credentials | Yes | 1 | Container | Note that the supplied Credentials must contain the Client's XML Key, <u>or</u> a UserName and Password, but not both |
| Credentials/AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| Credentials/Key | No | 1 | Text Node (20 chars max) | Client's XML Key |
| Credentials/UserName | No | 1 | Text Node (50 chars max) | XML Tools User Name • See Users / New Users / Access Level in the OMS for more information about the XML Tools Access Level |
| Credentials/Password | No | 1 | Text Node (50 chars max) | XML Tools User Password |
| Product | Yes | 1 - 15 | Container | |
| Product @Mode | Yes | 1 | Text Attribute (6 chars max) | Update Mode (Add or Update) |
| Product @MatchingField | No | 1 | Text Attribute (10 chars max) | Indicates which node in the query will be used to match an existing product (ProductNo, ProductName, or ProductSKU) • Optional if Mode="Add"; If this field is included and a product match is found, the existing product is used, and Mode switches to Update • Required if Mode="Update" |
| Product/ProductNo | No | 1 | Integer Node | Product Number (for matching purposes) • Required if MatchingField="ProductNo" • If Mode="Add" and a product match is found, the Mode will be changed to "Update" |
| Product/ProductName | No | 1 | Text Node (100 chars max) | Product Name • Required if MatchingField="ProductName" • If Mode="Add" and a product match is found, the Mode will be changed to "Update" |
| Product/ProductSKU | No | 1 | Text Node (50 chars max) | Product-Level SKU • Required if MatchingField="ProductSKU" • If Mode="Add" and a product match is found, the Mode will be changed to "Update" |
| Product/COGS | No | 1 | Currency Node | Cost Of Goods Sold • Include only if COGS is defined at the Product level |
| Product/Pricing | No | 1 | Container | For Pricing at the Product level only |
| Product/Pricing @Display | No | 1 | Text Attribute (3 chars max) | Display Product Price (Yes or No; default value: Yes) |
| Product/Pricing/Level | No | 1 | Text Node (8 chars max) | Product Pricing Level (Single, Category, Volume, or Bid; default value: Single) |
| Product/Pricing/Detail | No | 1 | Text Node (5 chars max) | Product Price Detail level (None or Table; default value: Table) |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|------------------------------|---|
| Product/Pricing/Price | Yes* | 1 + | Container | |
| Product/Pricing/Price/Qty | No | 1 | Integer Node | Price Quantity level (for Category or Volume Pricing) <ul style="list-style-type: none"> • If Price/Qty and Price/Erase are specified the Category or Volume price matching Price/Qty will be removed • If Price/Qty is not specified and Price/Erase is specified all pricing information for Category or Volume will be removed |
| Product/Pricing/Price/CustomerType | No | 1 | Text Node | Customer Type Name (from Customer/Types in the OMS or "Default" for the default Product Price) <ul style="list-style-type: none"> • If Price/Qty, Price/CustomerType, and Price/Erase are specified the price matching Price/Qty and Price/CustomerType will be removed • If Price/Qty is not specified and both Price/CustomerType and Price/Erase are specified all quantity and pricing information that matches Price/CustomerType will be removed |
| Product/Pricing/Price/Discount | No | 1 | Currency/Percent Node | Price Discount value |
| Product/Pricing/Price/Discount @Option | Yes* | 1 | Text Attribute (8 chars max) | Indicates type of Price Discount specified (Amount or Percent) |
| Product/Pricing/Price/Amount | Yes* | 1 | Currency Node | Product Price |
| Product/Pricing/Price/Erase | No | 1 | Empty Node | Removes prices that match the Pricing Level, the Price/Qty, and/or the Price/CustomerType <ul style="list-style-type: none"> • If Pricing Level is "Single" and neither Price/Qty or Price/CustomerType is specified all pricing information for the Product will be removed • Ignored if Mode="Add" |
| Product/Weight | No | 1 | Numeric Node | Product Weight (in pounds) <ul style="list-style-type: none"> • Include only if Weight is defined at the Product level |
| Product/OrderQty | No | 1 | Container | For Minimum / Maximum Order Quantities at the Product level only |
| Product/OrderQty/MinQty | No | 1 | Integer Node | Minimum Order Quantity |
| Product/OrderQty/MaxQty | No | 1 | Integer Node | Maximum Order Quantity |
| Product/OrderQty/Erase | No | 1 | Empty Node | Removes the Minimum and Maximum Order Quantities <ul style="list-style-type: none"> • Ignored if Mode="Add" |
| Product/ExpectedInStock | No | 1 | Container | For Expected In Stock Date at the Product level only <ul style="list-style-type: none"> • Applicable only if the Product Status is Backordered, Preordered, or Sold Out; and Expected Shipping Time is in use (Settings/Site Options in the OMS) |
| Product/ExpectedInStock/DateTime | Yes* | 1 | Container | |
| Product/ExpectedInStock/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Expected In Stock Date |
| Product/ExpectedInStock/Erase | No | 1 | Empty Node | Removes the Product Expected In Stock date <ul style="list-style-type: none"> • Ignored if Mode="Add" |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|-------------------------------|---|
| Product/Inventory | No | 1 | Container | For Inventory defined at the Product level only • Include only if Inventory Control is enabled at Settings/Site Options/Inventory Control in the OMS, and Inventory Level is None, Product, or Kit |
| Product/Inventory/Level | No | 1 | Text Node (7 chars max) | Product Inventory Level (None, Product, or Kit; default value: Product) |
| Product/Inventory/Qty | No | 1 | Integer Node | Product Inventory quantity (default specified at Settings/Inventory Control in the OMS) |
| Product/Inventory/InventoryKit | No | 1 | Container | For Inventory Level of Kit |
| Product/Inventory/InventoryKit/KitProduct | Yes* | 1 + | Container | |
| Product/Inventory/InventoryKit/KitProduct/ProductName | Yes* | 1 | Text Node (100 chars max) | Inventory Kit Product Name |
| Product/Inventory/InventoryKit/KitProduct/ProductName @SKU | No | 1 | Text Attribute (50 chars max) | Inventory Kit SKU-level SKU Number (for matching purposes) |
| Product/Inventory/InventoryKit/KitProduct/ProductSKU | No | 1 | Text Node (50 chars max) | Inventory Kit Product-level SKU number (for matching purposes) |
| Product/Inventory/InventoryKit/KitProduct/Attribute | No | 1 + | Text Node (50 chars max) | Inventory Kit Product Attribute Value (for matching purposes) |
| Product/Inventory/InventoryKit/KitProduct/Attribute @Name | No | 1 | Text Attribute (50 chars max) | Inventory Kit Product Attribute Name (for matching purposes) |
| Product/Inventory/InventoryKit/KitProduct/Qty | Yes* | 1 | Integer Node | Inventory Kit Product quantity |
| Product/Inventory/InventoryKit/KitProduct/Erase | No | 1 | Empty Node | Remove the Product Inventory Kit that matches KitProduct/ProductName • Ignored if Mode="Add" |
| Product/Inventory/InventoryLocation | No | 1 + | Container | Used to set the available inventory quantity by Location • Include only if Enhanced Inventory is enabled and active for the product |
| Product/Inventory/InventoryLocation/Location | Yes* | 1 | Text Node (50 chars max) | Inventory Location Internal Name |
| Product/Inventory/InventoryLocation/Location @Type | Yes* | 1 | Text Attribute (1 char max) | Inventory Location Type (S or P), where "S" indicates a Shipping location and "P" indicates a Pickup location |
| Product/Inventory/InventoryLocation/Qty | Yes* | 1 | Integer Node | Available inventory at this Location |
| Product/InventoryReservations | No | 1 | Container | For Inventory Reservation • Applicable only if the product has Enhanced Inventory enabled |
| Product/InventoryReservations/Minutes | No | 1 | Integer Node | Inventory Reservation (in minutes) |
| Product/InventoryReservations/Erase | No | 1 | Empty Node | Remove the Inventory Reservation |
| Product/ShippingRates | No | 1 | Container | For overriding the Shipping Rates at the Product level; or defining Shipping Rates at the Product level (Settings/Shipping in the OMS) when Shipping Cost Calculation is UNIT |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|-------------------------------|---|
| Product/ShippingRates/Erase | No | 1 | Empty Node | Removes all Shipping Option overrides for the Product • Ignored if Mode="Add" |
| Product/ShippingRates/Zone | No | 1 + | Container | |
| Product/ShippingRates/Zone @ID | Yes* | 1 | Integer Attribute | Shipping Zone Number (1 – 100) • Zones are defined at Settings Shipping in the OMS |
| Product/ShippingRates/Zone/Erase | No | 1 | Empty Node | Removes all Shipping Option overrides that match ShippingRates/Zone @ID • Ignored if Mode="Add" |
| Product/ShippingRates/Zone/ShippingOption | No | 1 + | Container | |
| Product/ShippingRates/Zone/ShippingOption/ShipMethod | Yes* | 1 | Text Node | Shipping Method |
| Product/ShippingRates/Zone/ShippingOption/ShipRate | No | 1 | Currency Node | Shipping Rate • Required unless the Erase node is present |
| Product/ShippingRates/Zone/ShippingOption/Erase | No | 1 | Empty Node | Removes the Shipping Option override that matches ShippingOption/ShipMethod • Ignored if Mode="Add" |
| Product/Allocation | No | 1 | Container | |
| Product/Allocation @Enabled | No | 1 | Text Attribute (3 chars max) | Enable or disable Product Allocation (Yes or No; default value: Yes, if container is present) |
| Product/Allocation/StartDate | No | 1 | Container | |
| Product/Allocation/StartDate/DateTime | Yes* | 1 | Container | |
| Product/Allocation/StartDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Allocation Start Date |
| Product/Allocation/EndDate | No | 1 | Container | |
| Product/Allocation/EndDate/DateTime | Yes* | 1 | Container | |
| Product/Allocation/EndDate/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Allocation End Date |
| Product/Allocation/Customertypes | No | 1 | Container | |
| Product/Allocation/Customertypes/CustomerType | Yes* | 1 + | Container | |
| Product/Allocation/Customertypes/CustomerType/Name | Yes* | 1 | Text Node (20 chars max) | Product-level Allocation Customer Type Name (from Customer/Types in the OMS) |
| Product/Allocation/Customertypes/CustomerType/Qty | Yes* | 1 | Integer Node | Product-level Allocation Quantity |
| Product/Images | No | 1 | Container | For Images that are defined at the Product level, or if the Product uses an Image Gallery |
| Product/Images/Audio | No | 1 | Text/URL Node | Indicates either the name of an existing audio file (Text Node) or the URL of an external audio file to import (URL Node) |
| Product/Images/Audio @Repetition | No | 1 | Text Attribute (10 chars max) | Audio Clip Repetition (Once, Continuous, or an integer value; default value: Once) |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|------------------------------|---|
| Product/Images/Thumbnail | No | 1 | Text/URL Node | Indicates either the name of a existing image file (Text Node) or the URL of an external image file to import (URL Node) |
| Product/Images/Thumbnail @Scale | No | 1 | Integer Attribute | Image Scale size (in pixels) |
| Product/Images/Thumbnail @Dimension | No | 1 | Text Attribute (6 chars max) | Image Scale Dimension (None, Width, or Height) <ul style="list-style-type: none"> • Required if Thumbnail @Scale is used • Use Dimension="None" to remove an existing Image Scale |
| Product/Images/Main | No | 1 | Text/URL Node | Indicates either the name of a existing image file (Text Node) or the URL of an external image file to import (URL Node) |
| Product/Images/Main @Scale | No | 1 | Integer Attribute | Image Scale size (in pixels) |
| Product/Images/Main @Dimension | No | 1 | Text Attribute (6 chars max) | Image Scale Dimension (None, Width, or Height) <ul style="list-style-type: none"> • Required if Main @Scale is used • Use Dimension="None" to remove an existing Image Scale |
| Product/Images/Large | No | 1 | Text/URL Node | Indicates either the name of a existing image file (Text Node) or the URL of an external image file to import (URL Node) |
| Product/Images/Large @Scale | No | 1 | Integer Attribute | Image Scale size (in pixels) |
| Product/Images/Large @Dimension | No | 1 | Text Attribute (6 chars max) | Image Scale Dimension (None, Width, or Height) <ul style="list-style-type: none"> • Required if Large @Scale is used • Use Dimension="None" to remove an existing Image Scale |
| Product/Images/Gallery | No | 1 | Container | |
| Product/Images/Gallery/Image | No | 1 + | Container | |
| Product/Images/Gallery/Image/Thumbnail | No | 1 | Text/URL Node | Indicates either the name of a existing image file (Text Node) or the URL of an external image file to import (URL Node) |
| Product/Images/Gallery/Image/Main | No | 1 | Text/URL Node | Indicates either the name of a existing image file (Text Node) or the URL of an external image file to import (URL Node) |
| Product/Images/Gallery/Image/Large | No | 1 | Text/URL Node | Indicates either the name of a existing image file (Text Node) or the URL of an external image file to import (URL Node) |
| Product/Images/Gallery/Image/Default | No | 1 | Empty Node | Indicates that the Gallery Image is the default |
| Product/Images/Gallery/Image/Erase | No | 1 | Empty Node | Removes the Product Gallery images that match Gallery/Image/Thumbnail, Gallery/Image/Main, and Gallery/Image/Large <ul style="list-style-type: none"> • Ignored if Mode="Add" |
| Product/Images/Erase | No | 1 | Empty Node | Remove all Product Audio, Image, and Gallery Image files <ul style="list-style-type: none"> • Ignored if Mode="Add" |
| Product/Images/Thumbnail Only | No | 1 | Text Node (3 chars max) | Display only the Product Thumbnail in the Product List (Yes or No; default value: No) |
| Product/Categories | No | 1 | Container | |
| Product/Categories/Category | Yes* | 1 + | Container | At least one Category is required if Mode="Add", and one Category/Default node must be present in the query |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|-------------------------------|--|
| Product/Categories/Category/Name | Yes* | 1 | Text Node | Product Category Name • Subcategories appear as category paths separated by " / " (e.g. Golf Clubs / Putters). Note that there is a space on either side of the forward slash |
| Product/Categories/Category/Visibility | No | 1 | Text Node (20 chars max) | Product Visibility (All, BtoB, BtoC, Internal, None, or Type) |
| Product/Categories/Category/Visibility @Types | No | 1 | Text Attribute | For Product Visibility of Type, this attribute contains a comma-delimited list of Customer Types with visibility |
| Product/Categories/Category/Order | No | 1 | Integer Node | Order in which product is listed in the Category (1 to 100000000; default value: 1) |
| Product/Categories/Category/AllowAdd | No | 1 | Empty Node | Include to create a new category, subcategory, or category tree if no match is found with an existing category and/or subcategory • As a general rule this node should only be used with new products that do not have an existing category in the OMS • Visibility defaults to "All" for top-level categories, and is inherited for child (sub) categories. |
| Product/Categories/Category/Primary | No | 1 | Empty Node | Indicates the Primary Category for the Product |
| Product/Categories/Category/Erase | No | 1 | Empty Node | Removes the Product Category that matches the Category/Name • Ignored if Mode="Add" |
| Product/Attributes | No | 1 | Container | For defining Attributes and Options used to create SKU-level Products |
| Product/Attributes/Attribute | Yes* | 1 + | Container | |
| Product/Attributes/Attribute @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Attribute Name |
| Product/Attributes/Attribute/Name @Overwrites | No | 1 | Text Attribute (50 chars max) | Specifies the name of an existing Attribute that this Attribute should overwrite • If you rename an attribute, the change may affect existing orders. Thus, if a product has orders, it is preferable to remove obsolete attributes and add new ones as needed, than to rename existing ones. • Ignored if Mode="Add" |
| Product/Attributes/Attribute/Option | Yes* | 1 + | Text Node (50 chars max) | Product Attribute Option value (i.e. the name of the attribute option) |
| Product/Attributes/Attribute/Option @GalleryMainImage | No | 1 | Text Attribute (50 chars max) | Gallery Main Image filename and file extension as displayed in the OMS Products / Images / Edit Images and Audio screen • Applicable only if the Product uses an Image Gallery and this Option is associated with an existing Gallery Main Image from the Product Image Gallery |
| Product/Attributes/Attribute/Option @Order | No | 1 | Integer Attribute | Specifies the order in which options and SKUs are displayed (low to high) |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|-------------------------------|--|
| Product/Attributes/Attribute/Option @Overwrites | No | 1 | Text Attribute (50 chars max) | Specifies the name of an existing Option that this Option should overwrite <ul style="list-style-type: none"> • If you rename an option, the change may affect existing orders. Thus, if a product has orders, it is preferable to remove obsolete options and add new ones as needed, than to rename existing ones. • Ignored if Mode="Add" |
| Product/Attributes/Attribute/Eraser | No | 1 | Empty Node | Removes the Product Attribute or Attribute Option that matches Attribute/Name and any declared Attribute/Option(s) <ul style="list-style-type: none"> • Ignored if Mode="Add" |
| Product/WriteIns | No | 1 | Container | |
| Product/WriteIns/WriteIn | Yes* | 1 + | Container | |
| Product/WriteIns/WriteIn @Name | Yes* | 1 | Text Attribute (50 chars max) | Write-In Attribute Name <ul style="list-style-type: none"> • Required if Mode="Add" |
| Product/WriteIns/WriteIn/Name @Overwrites | No | 1 | Text Attribute (50 chars max) | Specifies the name of an existing Write-In Attribute that this Write-In Attribute should overwrite <ul style="list-style-type: none"> • Ignored if Mode="Add" |
| Product/WriteIns/WriteIn/EntryType | Yes* | 1 | Text Node (10 chars max) | Write-In Attribute Type (Text Box, Text Area, Checkbox, or Select Box) <ul style="list-style-type: none"> • Required if Mode="Add" |
| Product/WriteIns/WriteIn/EntryType @Lines | No | 1 | Integer Attribute | Number of Lines for Text Area Write-In Attribute <ul style="list-style-type: none"> • Applicable only if EntryType is TextArea |
| Product/WriteIns/WriteIn/EntryType @Length | No | 1 | Integer Attribute | Write-In Maximum Characters |
| Product/WriteIns/WriteIn/AllowedValues | Yes* | 1 | Text Node | Write-In Attribute Allowed Values (all types of input; only letters, numbers, and spaces; only letters and numbers; only letters and spaces; only letters; only numbers; only whole numbers; only positive numbers and zero; only positive numbers; only positive whole numbers and zero; only positive whole numbers; none) |
| Product/WriteIns/WriteIn/Required | Yes* | 1 | Text Node (10 chars max) | Write-In Attribute Required Field (Yes, No, or Charge) <ul style="list-style-type: none"> • Required if Mode="Add" |
| Product/WriteIns/WriteIn/AdditionalCharge | No | 1 | Currency Node | Write-In Attribute Additional Charge <ul style="list-style-type: none"> • Applicable only if, and required if, WriteIn/Required is "Charge" |
| Product/WriteIns/WriteIn/Eraser | No | 1 | Text Attribute (50 chars max) | Removes the Write-In Attribute that matches WriteIn/Name <ul style="list-style-type: none"> • Ignored if Mode="Add" |
| Product/WriteIns/WriteIn/Options | No | 1 | Container | Included if EntryType is Select Box |
| Product/WriteIns/WriteIn/Option | Yes* | 1 + | Text Node | Select Box Option Value <ul style="list-style-type: none"> • Value can not contain newline, carriage return or line feed characters |
| Product/Specifications | No | 1 | Container | |
| Product/Specifications/Specification | Yes* | 1 + | Container | |
| Product/Specifications/Specification/Name | Yes* | 1 | Text Node (100 chars max) | Product Specification Name |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|---|--|
| Product/Specifications/Specification @Name | No | 1 | Text Node (100 chars max) | The name of an existing Specification that this Specification should overwrite • Ignored if Mode="Add" |
| Product/Specifications/Specification/Value | No | 1 | Text Node (255 chars max) | Specification Value |
| Product/Specifications/Specification/Erse | No | 1 | Empty Node | Removes the Product Specification that matches Specification/Name • Ignored if Mode="Add" |
| Product/Status | No | 1 | Text Node (17 chars max) | Product Status (Normal, Backordered, Preordered, Sold Out, or Discontinued; default value: Normal) |
| Product/Vendor | No | 1 | Text Node (75 chars max) | Vendor Name |
| Product/ShipFrom | No | 1 | Container | |
| Product/ShipFrom/Internal Name | Yes* | 1 | Text Node (50 chars max) | Primary Ship-From Internal Name (defaults to the Primary Ship-From Address specified at Settings/Ship-From Addresses in the OMS) |
| Product/AddlShipFroms | No | 1 | Container | For specifying Additional Ship-From Locations for this Product • Requires that Directed Fulfillment (Settings/Site Options/Inventory Control in the OMS) be enabled |
| Product/AddlShipFroms/InternalName | Yes* | 1 + | Text Node (50 chars max) | Additional Ship-From Internal Name |
| Product/AddlShipFroms/InternalName @Active | No | 1 | Text Attribute (3 chars max) | Ship-From Location is Active (Yes or No; default value: Yes) |
| Product/PickupLocations | No | 1 | Container | |
| Product/PickupLocations @EnablePickup | No | 1 | Text Attribute (3 chars max) | Pickup is enabled for this Product (Yes or No; default value: Yes) |
| Product/PickupLocations @PickupOnly | No | 1 | Text Attribute (3 chars max) | Product is designated as Pickup Only (Yes or No; default value: No) • If set to "Yes" this indicates the Product cannot be shipped |
| Product/PickupLocations/InternalName | Yes* | 1 + | Text Node (50 chars max) | Product Pickup Location Internal Name |
| Product/PickupLocations/InternalName @Active | No | 1 | Text Attribute (3 chars max) | Pickup Location is Active (Yes or No; default value: Yes) |
| Product/WarehouseLocation | No | 1 | Text Node | Warehouse Location |
| Product/CustomField1 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #1 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Product/CustomField1 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #1 Type (Text, Positive Number, Positive Integer, Currency, Date, Yes/No) |
| Product/CustomField2 | No | 1 | Text/Integer/Numeric/Currency/Date Node | Product Custom Field #2 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Product/CustomField2 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #2 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |

| Element Xpath | Required | Occurs | Type | Description |
|----------------------------------|-----------------|---------------|---|--|
| Product/CustomField3 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #3 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Product/CustomField3 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #3 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Product/CustomField4 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #4 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Customer/CustomField4 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #4 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Product/CustomField5 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #5 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Product/CustomField5 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #5 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Product/CustomField6 | No | 1 | Text/Integer/N umeric/Curren cy/Date Node | Product Custom Field #6 Value • Node Type depends on Field Type of Custom Field. For Field Type "Yes/No" the value must be either "Yes" or "No" |
| Product/CustomField6 @Type | Yes* | 1 | Text Attribute (16 chars max) | Product Custom Field #6 Type (Text, Positive Number, Positive Integer, Currency, Date, or Yes/No) |
| Product/Taxable | Yes | 1 | Text Node (5 chars max) | Product Taxability (All, None, or State; default value: None) |
| Product/Taxable @States | No | 1 | Text Attribute | For Product Taxability of State, this attribute contains a comma-delimited list of taxable states (e.g. States="CA, NV, NY") |
| Product/Visibility | Yes | 1 | Text Node (20 chars max) | Product Visibility (All, BtoB, BtoC, Internal, None, or Type; default value: All) |
| Product/Visibility @Types | No | 1 | Text Attribute | For Product Visibility of Type, this attribute contains a comma-delimited list of Customer Types with visibility (from Customer/Types in the OMS) |
| Product /Expedited | No | 1 | Empty Node | Indicates that the product requires Expedited Shipping |
| Product /RequiresDryIce | No | 1 | Empty Node | Indicates that the product requires Dry Ice |
| Product/Restricted | No | 1 | Empty Node | Indicates that the product is Restricted |
| Product/Required | No | 1 | Empty Node | Indicates that the product is Required |
| Product/AllowDiscounts | No | 1 | Empty Node | Indicates that the product is eligible for Category Discounts, Order Discounts, and Customer Discounts |
| Product/CartAddendumEli gible | No | 1 | Empty Node | Indicates that the product is eligible for the Cart Addendum |
| Product/PendingEditEligibl e | No | 1 | Empty Node | Indicates that the product may be included in a Pending Edit |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|------------------------------|--|
| Product/AllowDirectCheckout | No | 1 | Empty Node | Indicates that Direct Checkout is available • Applicable only if the Direct Checkout option (Settings/Site Option/Direct Checkout in the OMS) is on; Product Visibility is All, BtoC, or Type (with the Default Customer Type included); and Product Status is Normal, Backordered, or Preordered |
| Product/AllowQuestions | No | 1 | Empty Node | Indicates that the product allows Questions • Applicable only if Product Questions are allowed at Questions/Setup in the OMS |
| Product/AllowReviews | No | 1 | Empty Node | Indicates that the product is Reviewable • Applicable only if Reviews are activated in the OMS |
| Product/LinkElevation | No | 1 | Empty Node | Indicates that Product Link Elevation applies to the product |
| Product/CustomerTypeUpgrade | No | 1 | Text Node | Customer Type Upgrade (from Customers/Types in the OMS) |
| Product/Description | No | 1 | Container | |
| Product/Description/Short | No | 1 | Text Node (255 chars max) | Product Short Description |
| Product/Description/Long | No | 1 | Text Node | Product Long Description |
| Product/Description/CustomSection1 | No | 1 | Text Node | Product Custom Section 1 Text |
| Product/Description/CustomSection1 @Label | Yes* | 1 | Text Node (255 chars max) | Product Custom Section 1 Label |
| Product/Description/CustomSection2 | No | 1 | Text Node | Product Custom Section 2 Text |
| Product/Description/CustomSection2 @Label | Yes* | 1 | Text Node (255 chars max) | Product Custom Section 2 Label |
| Product/Description/Internal | No | 1 | Text Node | Product Internal Memo |
| Product/Description/Keywords | No | 1 | Text Node | Product Search Keywords |
| Product/Description/Erase | No | 1 | Empty Node | Removes all Product Description values • Ignored if Mode="Add" |
| Product/SKUItems | No | 1 | Container | |
| Product/SKUItems/PriceDetail | No | 1 | Container | Include only if the Product has SKU-level items |
| Product/SKUItems/PriceDetail @Detail | Yes* | 1 | Text Attribute (7 chars max) | SKU Price Detail level (None, Table, or Message; default value: Table) |
| Product/SKUItems/PriceDetail/Messages | Yes* | 1 | Container | |
| Product/SKUItems/PriceDetail/Messages/Message | Yes* | 1 + | Text Node | SKU Price Detail Message value • Applicable only if SKUItems/PriceDetail @Detail="Message" |
| Product/SKUItems/PriceDetail/Messages/Message @CustomerType | No | 1 | Text Attribute | SKU Price Detail Message Customer Type for Customer-Based Pricing (from Customer/Types in the OMS or "Default" for the Default PriceDetail Message) |
| Product/SKUItems/SKUItem | Yes* | 1 - 100 | Container | |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|-------------------------------|---|
| Product/SKUItems/SKUItem@SKU | No | 1 | Text Attribute (50 chars max) | SKU-level SKU value |
| Product/SKUItems/SKUItem/Attributes | No | 1 | Container | Include the Attribute Name/Value pair(s) only if a Product SKU number has not been assigned • Used for SKU-level matching only |
| Product/SKUItems/SKUItem/Attributes/Attribute | Yes* | 1 + | Container | SKU Attribute value (i.e. Option Name, as defined in Product/Attributes/Attribute/Option) |
| Product/SKUItems/SKUItem/Attributes/Attribute@Name | Yes* | 1 | Text Attribute (50 chars max) | SKU Attribute Name (as defined in Product/Attributes/Attribute) |
| Product/SKUItems/SKUItem/COGS | No | 1 | Currency Node | SKU Cost Of Goods Sold • Include only if COGS is defined at the SKU level |
| Product/SKUItems/SKUItem/Pricing | No | 1 | Container | For Pricing at the SKU level only |
| Product/SKUItems/SKUItem/Pricing@Display | No | 1 | Text Attribute (3 chars max) | Display SKU Price (Yes or No; default value: Yes) |
| Product/SKUItems/SKUItem/Pricing/Price | Yes* | 1 + | Container | |
| Product/SKUItems/SKUItem/Pricing/Price/CustomerType | No | 1 | Text Node | Customer Type Name (from Customer/Types in the OMS or "Default" for the default SKU Price) • If Price/CustomerType and Price/Erase are specified all pricing information that matches Price/CustomerType will be removed |
| Product/SKUItems/SKUItem/Pricing/Price/Discount | No | 1 | Currency/Percent Node | SKU Price Discount value |
| Product/SKUItems/SKUItem/Pricing/Price/Discount@Option | Yes* | 1 | Text Attribute (8 chars max) | Indicates type of Price Discount specified (Amount or Percent) |
| Product/SKUItems/SKUItem/Pricing/Price/Amount | Yes* | 1 | Currency Node | Price Value |
| Product/SKUItems/SKUItem/Pricing/Price/Erase | No | 1 | Empty Node | Removes all pricing information for this SKU • Ignored if Mode="Add" |
| Product/SKUItems/SKUItem/UPC | No | 1 | Text Node (14 chars max) | SKU UPC Number • Include only if UPC is defined at the SKU level |
| Product/SKUItems/SKUItem/ManufacturerPartNo | No | 1 | Text Node (50 chars max) | SKU Manufacturer Part Number • Include only if Manufacturer Part Number is defined at the SKU level |
| Product/SKUItems/WarehouseLocation | No | 1 | Text Node | Warehouse Location • Include only if Warehouse Location is defined at the SKU level |
| Product/SKUItems/SKUItem/CustomerTypeUpgrade | No | 1 | Text Node | Customer Type Upgrade (from Customers/Types in the OMS) • Include only if Customer Type Upgrade is defined at the SKU level |
| Product/SKUItems/SKUItem/Weight | No | 1 | Numeric Node | SKU Weight (in pounds) • Include only if Weight is defined at the SKU level |
| Product/SKUItems/SKUItem/OrderQty | No | 1 | Container | For Minimum / Maximum Order Quantities at the SKU level only |
| Product/SKUItems/SKUItem/OrderQty/MinQty | No | 1 | Integer Node | SKU Minimum Order Quantity |
| Product/SKUItems/SKUItem/OrderQty/MaxQty | No | 1 | Integer Node | SKU Maximum Order Quantity |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|-----------------------------|---|
| Product/SKUItems/SKUItem/Inventory/InventoryLocation | No | 1 + | Container | Used to set the available inventory quantity by Location • Include only if Enhanced Inventory is enabled and active for the product |
| Product/SKUItems/SKUItem/Inventory/InventoryLocation/Location | Yes* | 1 | Text Node (50 chars max) | Inventory Location Internal Name |
| Product/SKUItems/SKUItem/Inventory/InventoryLocation/Location @Type | Yes* | 1 | Text Attribute (1 char max) | Inventory Location Type (S or P), where "S" indicates a Shipping location and "P" indicates a Pickup location |
| Product/SKUItems/SKUItem/Inventory/InventoryLocation/Qty | Yes* | 1 | Integer Node | Available inventory at this Location |
| Product/SKUItems/SKUItem/ShippingRates | No | 1 | Container | For overriding the Shipping Rates at the SKU level; or defining Shipping Rates at the SKU level (Settings/Shipping in the OMS) when Shipping Cost Calculation is UNIT |
| Product/SKUItems/SKUItem/ShippingRates/Erase | No | 1 | Empty Node | Removes all Shipping Option overrides for the SKU • Ignored if Mode="Add" |
| Product/SKUItems/SKUItem/ShippingRates/Zone | No | 1 + | Container | |
| Product/SKUItems/SKUItem/ShippingRates/Zone @ID | Yes* | 1 | Integer Attribute | Shipping Zone Number to be overridden (1 – 100) • See Settings / Shipping in the OMS for the number of defined zones |
| Product/SKUItems/SKUItem/ShippingRates/Zone/Erase | No | 1 | Empty Node | Removes all Shipping Option overrides that match ShippingRates/Zone @ID • Ignored if Mode="Add" |
| Product/SKUItems/SKUItem/ShippingRates/Zone/ShippingOption | No | 1 + | Container | |
| Product/SKUItems/SKUItem/ShippingRates/Zone/ShippingOption/ShipMethod | Yes* | 1 | Text Node | Shipping Method to be overridden |
| Product/SKUItems/SKUItem/ShippingRates/Zone/ShippingOption/ShipRate | Yes* | 1 | Currency Node | Shipping Rate to be overridden |
| Product/SKUItems/SKUItem/ShippingRates/Zone/ShippingOption/Erase | No | 1 | Empty Node | Removes the Shipping Option override that matches ShippingRates/Zone @ID/ShippingOption/Method • Ignored if Mode="Add" |
| Product/SKUItems/SKUItem/Allocation | No | 1 | Container | |
| Product/SKUItems/SKUItem/Allocation/CustomerTypes | No | 1 | Container | |
| Product/SKUItems/SKUItem/Allocation/CustomerTypes/CustomerType | Yes* | 1 + | Container | |
| Product/SKUItems/SKUItem/Allocation/CustomerTypes/CustomerType/Name | Yes* | 1 | Text Node (20 chars max) | SKU-level Allocation Customer Type Name (from Customer/Types in the OMS) |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|-------------------------------|---|
| Product/SKUItems/SKUItem/Allocation/CustomerTypes/CustomerType/Qty | Yes* | 1 | Integer Node | SKU-level Allocation Quantity |
| Product/SKUItems/SKUItem/Images | No | 1 | Container | For Images defined at the SKU level only |
| Product/SKUItems/SKUItem/Images/Main | No | 1 | Text/URL Node | Indicates either the name of a existing image file (Text Node) or the URL of an external image file to import (URL Node) |
| Product/SKUItems/SKUItem/Images/Large | No | 1 | Text/URL Node | Indicates either the name of a existing image file (Text Node) or the URL of an external image file to import (URL Node) |
| Product/SKUItems/SKUItem/VinNow | No | 1 | Container | Include only if integrated with VinNow (Settings/Compatible Software/VinNow in the OMS) |
| Product/SKUItems/SKUItem/VinNow/Key | No | 1 | Text Attribute (50 chars max) | VinNow SKU-level Product Key |
| Product/SKUItems/SKUItem/Default | No | 1 | Empty Node | Indicates the default SKU for the Product |
| Product/SKUItems/SKUItem/Erase | No | 1 | Empty Node | Indicates the SKU is no longer available • Ignored if Mode="Add" |
| Product/Overrides | No | 1 | Container | |
| Product/Overrides/QuickBooksSalesAccount | No | 1 | Text Node (100 chars max) | QuickBooks Sales Account Value |
| Product/Overrides/ReviewReminderDelay | No | 1 | Integer Node | Review Reminder Time Delay in Days (optional) • See Use Review Reminders in Reviews/Setup/Review Reminders in the OMS |
| Product/Overrides/IndividualShippingPackage | No | 1 | Container | |
| Product/Overrides/IndividualShippingPackage@Enabled | No | 1 | Text Attribute (3 chars max) | Individual Shipping Package Override (Yes or No; default value: Yes, if container is present) |
| Product/Overrides/IndividualShippingPackage/Length | No | 1 | Numeric Node | Shipping Package Length (in inches) |
| Product/Overrides/IndividualShippingPackage/Width | No | 1 | Numeric Node | Shipping Package Width (in inches) |
| Product/Overrides/IndividualShippingPackage/Height | No | 1 | Numeric Node | Shipping Package Height (in inches) |
| Product/Overrides/IndividualShippingPackage/DryIceWeight | No | 1 | Numeric Node | Weight of Dry Ice for Package (in pounds) |
| Product/Overrides/IndividualShippingPackage/UPSPackaging | No | 1 | Text Node (35 chars max) | UPS Shipping Package Type (Own Packaging, Own Packaging (Additional Handling), UPS Letter/Express Envelope, UPS Tube, UPS Pak, UPS Express Box, UPS 10kg Box, UPS 25kg Box; default value: Own Packaging) |
| Product/Overrides/IndividualShippingPackage/FedExGroundPackaging | No | 1 | Text Node (27 chars max) | FedEx Ground Shipping Package Type (Own Packaging, Own Packaging (Nonstandard); default value: Own Packaging) |
| Product/Overrides/IndividualShippingPackage/FedExExpressPackaging | No | 1 | Text Node (14 chars max) | FedEx Express Shipping Package Type (Own Packaging, FedEx Envelope, FedEx Tube, FedEx Pak, FedEx Box, FedEx 10kg Box, FedEx 25kg Box; default value: Own Packaging) |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|---------------------------|--|
| Product/Overrides/IndividualShippingPackage/USPSPackaging | No | 1 | Text Node (28 chars max) | USPS Shipping Package Type (Own Packaging, Envelope, Flat-Rate Envelope, Legal Flat-Rate Envelope, Small Flat-Rate Envelope, Window Flat-Rate Envelope, Gift Card Flat-Rate Envelope, Padded Flat-Rate Envelope,, Small Flat-Rate Box, Medium Flat-Rate Box, Large Flat-Rate Box, DVD Flat-Rate Box, Large Video Flat-Rate Box, Regional Rate Box A, Regional Rate Box B; Regional Rate Box C; default value: Own Packaging) |
| Product/Overrides/AlcoholDesignation | No | 1 | Container | |
| Product/Overrides/AlcoholDesignation @Enabled | Yes* | 1 | Text Attribute | Alcohol Designation Override (Yes, No, or Default; default value: Yes, if container is present) |
| Product/Overrides/AlcoholDesignation/Liters | Yes* | 1 | Numeric Node | Liters of Alcohol • Required if AlcoholDesignation @Enabled="Yes" |
| Product/Overrides/AlcoholDesignation/Type | Yes* | 1 | Text Node (16 chars max) | Type of Alcohol (Beer, Wine, Distilled Spirits, Ale, Light Wine) • Required if AlcoholDesignation @Enabled="Yes" |
| Product/Overrides/AlcoholDesignation/PackingUnits | Yes* | 1 | Integer Node | Number of Packages of Alcohol • Required if AlcoholDesignation @Enabled="Yes" |
| Product/Overrides/AlcoholDesignation/PackingType | Yes* | 1 | Text Node (6 chars max) | Alcohol Packaging Type (Barrels, Bottles, Cases, Cartons, Others) • Required if AlcoholDesignation @Enabled="Yes" |
| Product/Overrides/ShipCompliant | No | 1 | Container | Applicable only if ShipCompliant (Settings/Compatible Software/Alcoholic Beverage Tools) is in use |
| Product/Overrides/2ShipCompliant/ProductKey | No | 1 | Text Node (50 chars max) | ShipCompliant Product Key |
| Product/Overrides/ShipCompliant/BrandKey | No | 1 | Text Node (50 chars max) | ShipCompliant Brand Key |
| Product/Overrides/InventoryWarningLevel | No | 1 | Integer Node | Inventory Warning Level • Applicable only if Inventory Control is on at Settings/Site Options/Expected Shipping Time in the OMS |
| Product/Overrides/DepletionStatus | No | 1 | Text Node (20 chars max) | Product Depletion Status (Preordered, Backordered, Sold Out, Discontinued) |
| Product/Overrides/ExpectedShippingDays | No | 1 | Integer Node | The number of days within which the product is expected to ship (when in stock) • Applicable only if Expected Shipping Time is on at Settings/Site Options/Expected Shipping Time in the OMS • Calendar days, business days, or shipping days may apply, depending on the value selected at Settings/Site Options/Expected Shipping Time |
| Product/Overrides/InStockMessage | No | 1 | Text Node (200 chars max) | Product In Stock Message • Applicable only if Expected Shipping Time is on at Settings/Site Options/Expected Shipping Time in the OMS |

| Element Xpath | Required | Occurs | Type | Description |
|--|-----------------|---------------|------------------------------|---|
| Product/Overrides/Sharing Discount | No | 1 | Currency Node | Product Sharing Discount Amount |
| Product/Overrides/Sharing Discount @Type | Yes* | 1 | Text Attribute (7 chars max) | Product Sharing Discount Type (Amount or Percent) |
| Product/Overrides/Country OfOriginCode | No | 1 | Text Node (2 chars max) | Product Sharing Country Of Origin Code • See Chapter 2 for Country Code information |
| Product/Overrides/UnavailableOption | No | 1 | Container | Product Unavailable Option |
| Product/Overrides/UnavailableOption @Option | Yes* | 1 | Text Attribute (7 chars max) | Product Unavailable Option Type (Default, 301, 302, or Custom) |
| Product/Overrides/UnavailableOption/CustomMessage | No | 1 | Text Node | Product Unavailable Custom Message • Included only if the Product Unavailable Option Type is Custom |
| Product/Overrides/UnavailableOption/RedirectTo | No | 1 | URL Node | Product Unavailable Redirect To • Included only if the Product Unavailable Option Type is 301 or 302 |
| Product/Overrides/Erase | No | 1 | Container | Removes all Product Overrides • Ignored if Mode="Add" |
| Product/EMailAddenda | No | 1 | Container | |
| Product/EMailAddenda/OrderConfirmation | No | 1 | Text Node | Order Confirmation E-Mail Addendum |
| Product/EMailAddenda/OrderConfirmation @Position | Yes* | 1 | Text Attribute (5 chars max) | Order Confirmation E-Mail Addendum Position (Above or Below) |
| Product/EMailAddenda/OrderShipped | No | 1 | Text Node | Shipped E-Mail Addendum |
| Product/EMailAddenda/OrderShipped @Position | Yes* | 1 | Text Attribute (5 chars max) | Shipped E-Mail Addendum Position (Above or Below) |
| Product/EMailAddenda/OrderUpdated | No | 1 | Text Node | Update E-Mail Addendum |
| Product/EMailAddenda/OrderUpdated @Position | Yes* | 1 | Text Attribute (5 chars max) | Update E-Mail Addendum Position (Above or Below) |
| Product/EMailAddenda/Erase | No | 1 | Empty Node | Removes all Product E-Mail Addenda • Ignored if Mode="Add" |
| Product/MarketplaceOptions | No | 1 | Container | |
| Product/MarketplaceOptions/Format | No | 1 | Text Node (10 chars max) | Product Format (Soft Cover, Hard Cover, Audio Book, eBook, CD, DVD, Cassette, Vinyl, VHS) |
| Product/MarketplaceOptions/Manufacturer | No | 1 | Container | |
| Product/MarketplaceOptions/Manufacturer/ManufacturerName | Yes* | 1 | Text Node (50 chars max) | Product Manufacturer Name |
| Product/MarketplaceOptions/Manufacturer/ManufacturerPartNo | Yes* | 1 | Text Node (50 chars max) | Product Manufacturer Part Number |
| Product/MarketplaceOptions/UPC | No | 1 | Text Node (14 chars max) | Product UPC Number |
| Product/MarketplaceOptions/ISBN | No | 1 | Text Node (13 chars max) | Product ISBN Number |
| Product/MarketplaceOptions/Gender | No | 1 | Text Node (8 chars max) | Product Gender (Male, Female, Unisex) |
| Product/MarketplaceOptions/AgeGroup | No | 1 | Text Node (5 chars max) | Product Age Group (Newborn, Infant, Toddler, Kids, Adult) |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|---------------------------|---|
| Product/MarketplaceOptions/Size | No | 1 | Text Node (30 chars max) | Product Size |
| Product/MarketplaceOptions/Color | No | 1 | Text Node (30 chars max) | Product Color |
| Product/MarketplaceOptions/SizeSystem | No | 1 | Text Node (3 chars max) | Product Size System (US, UK, EU, DE, FR, JP, CN, IT, BR, MEX, AU) |
| Product/MarketplaceOptions/SizeType | No | 1 | Text Node (12 chars max) | Product Size Type (Regular, Petite, Plus, Big and Tall, Maternity) |
| Product/MarketplaceOptions/Condition | No | 1 | Text Node (11 chars max) | Product Condition (New, Used, Refurbished; default value: New) |
| Product/MarketplaceOptions/AlcoholOptions | No | 1 | Container | |
| Product/MarketplaceOptions/AlcoholOptions/VintageYear | No | 1 | Date Node (yyyy) | Product Vintage Year |
| Product/MarketplaceOptions/AlcoholOptions/Region | No | 1 | Text Node (40 chars max) | Product Region |
| Product/MarketplaceOptions/AlcoholOptions/SubRegion | No | 1 | Text Node (30 chars max) | Product Sub-Region |
| Product/MarketplaceOptions/AlcoholOptions/AlcoholByVolume | No | 1 | Percent Node | Product Alcohol By Volume |
| Product/MarketplaceOptions/AlcoholOptions/VarietalComposition | No | 1 | Text Node (20 chars max) | Product Varietal Composition (Barbera, Cabernet Franc, Cabernet Sauvignon, Canaiolo, Carignan, Carmenere, Chardonnay, Chenin Blanc, Garnacha, Graciano, Grenache, Gruner Veltliner, Macabeo, Malbec, Mazuelo, Merlot, Monastrell, Montepulciano, Mourvedre, Nero D'Avola, Palomino, Petit Verdot, Pinot Grigio, Pinot Noir, Pinotage, Riesling, Sangiovese, Sauvignon Blanc, Semillon, Shiraz, Spatburgunder, Syrah, Tannat, Tempranillo, Trebbiano, Verdejo, Verdicchio, Viognier, Viura, Weissburgunder, Zinfandel, Zweigelt) |
| Product/MarketplaceOptions/AlcoholOptions/BodyDescription | No | 1 | Text Node (10 chars max) | Body Description (Red Wine, White Wine, Rose) |
| Product/MarketplaceOptions/Erase | No | 1 | Empty Node | Removes all Marketplace Options • Ignored if Mode="Add" |
| Product/SearchEngineMarkup | No | 1 | Container | |
| Product/SearchEngineMarkup/TitleTag | No | 1 | Text Node (120 chars max) | HTML Title Tag |
| Product/SearchEngineMarkup/ImageAltTag | No | 1 | Text Node (120 chars max) | Image AltTag |
| Product/SearchEngineMarkup/MetaDescription | No | 1 | Text Node | Meta Description |
| Product/SearchEngineMarkup/MetaKeywords | No | 1 | Text Node | Meta Keywords |
| Product/SearchEngineMarkup/Erase | No | 1 | Empty Node | Search Engine Option information • Ignored if Mode="Add" |
| Product/RelatedProducts | No | 1 | Container | For Related Products |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|------------------------------|--|
| Product/RelatedProducts/RelatedProduct | Yes* | 1 + | Container | |
| Product/RelatedProducts/RelatedProduct/ProductName | Yes* | 1 | Text Node (100 chars max) | Related Product Name |
| Product/RelatedProducts/RelatedProduct/Relationship | No | 1 | Text Node (255 chars max) | Related Product Relationship |
| Product/RelatedProducts/RelatedProduct/Erase | No | 1 | Empty Node | Remove the Related Product that matches RelatedProduct/ProductName • Ignored if Mode="Add" |
| Product/AutomaticAddTriggers | No | 1 | Container | For Automatic Add Triggers |
| Product/AutomaticAddTriggers/Trigger | Yes* | 1 + | Container | |
| Product/AutomaticAddTriggers/Trigger @Type | Yes* | 1 | Text Attribute | Automatic Add Trigger Type (Category, Coupon, Product, or QueryString) |
| Product/AutomaticAddTriggers/Trigger/Name | No | 1 | Text Node | Automatic Add Trigger Name • Required if the Automatic Add Trigger Type is Category, Coupon, or Product |
| Product/AutomaticAddTriggers/Trigger/Parameter | No | 1 | Text Node | Automatic Add Trigger URL Query String Parameter • Required if the Automatic Add Trigger Type is QueryString |
| Product/AutomaticAddTriggers/Trigger/Value | No | 1 | Text Node | Automatic Add Trigger URL Query String Value • Required if the Automatic Add Trigger Type is QueryString and Trigger/Erase is not present |
| Product/AutomaticAddTriggers/Trigger/TriggerQty | No | 1 | Numeric Node | Automatic Add Trigger Trigger Quantity • Required if the Automatic Add Trigger Type is Category or Product and Trigger/Erase is not present |
| Product/AutomaticAddTriggers/Trigger/AddQty | No | 1 | Numeric Node | Automatic Add Trigger Add Qty • Required if Trigger/Erase is not present |
| Product/AutomaticAddTriggers/Trigger/Erase | No | 1 | Empty Node | Remove the Automatic Add Trigger that matches Trigger/Name (for Category, Coupon, or Product) or Trigger/Parameter (for QueryString) |
| Product/Erase | No | 1 | Container | Ignored if Mode="Add" |
| Product/Erase/Expedited | No | 1 | Empty Node | Removes the Expedited Shipping restriction |
| Product/Erase/RequiresDryIce | No | 1 | Empty Node | Removes the Dry Ice Shipping restriction |
| Product/Erase/Restricted | No | 1 | Empty Node | Removes the Restricted restriction |
| Product/Erase/Required | No | 1 | Empty Node | Removes the Required restriction |
| Product/Erase/AllowDiscounts | No | 1 | Empty Node | Removes eligibility for Category Discounts, Order Discounts, and Customer Discounts |
| Product/Erase/CartAddendumEligible | No | 1 | Empty Node | Removes eligibility for the Cart Addendum |
| Product/Erase/PendingEditEligible | No | 1 | Empty Node | Removes eligibility for Pending Edit inclusion |
| Product/Erase/AllowDirectCheckout | No | 1 | Empty Node | Removes Direct Checkout availability |
| Product/Erase/AllowQuestions | No | 1 | Empty Node | Removes the ability to submit Questions |
| Product/Erase/AllowReviews | No | 1 | Empty Node | Removes the ability to submit Reviews |

| Element Xpath | Required | Occurs | Type | Description |
|-----------------------------|----------|--------|------------|---|
| Product/Erase/LinkElevation | No | 1 | Empty Node | Removes Product Link Elevation |
| Product/Integration | No | 1 | Container | See External Mapping for more information |
| ForceProceed | No | 1 | Empty Node | Indicates that the Product Update should proceed even if one or more requested updates is invalid |

ProductUpdateReply Schema

| Element Xpath | Always | Occurs | Type | Description |
|------------------------|--------|--------|------------------------------|--|
| @AccountName | Yes | 1 | Text Attribute | Client's Account Name (e.g. fairway) |
| @Page | Yes | 1 | Integer Attribute | Page number of query results |
| Product | Yes | 1 - 15 | Container | |
| Product @Mode | Yes | 1 | Text Attribute (6 chars max) | Add or Update |
| Product/ProductName | Yes | 1 | Text Node (100 chars max) | Product Name |
| Product/ProductSKU | No | 1 | Text Node (50 chars max) | Product SKU (if defined) |
| Product/ProductNo | Yes | 1 | Integer Node | Product Number from the OMS |
| Product/Status | Yes | 1 | Text Node | Product Status (Normal, Backordered, Preordered, Sold Out, or Discontinued) |
| Product/Warning | No | 1 + | Text Node | Included if an Add or Update changes an existing Product setting (e.g. Pricing Level was changed from Product to SKU) |
| Product/InvalidProduct | No | 1 + | Text Node | Included if an Add or Update results in an invalid Product setting (e.g. Inventory Level for the Product is "Kit" but no Kits are defined) |

ProductUpdateRequest Example: Mode="Add"

```
<?xml version="1.0" encoding="utf-8"?>
<ProductUpdateRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <UserName>xmlbob</UserName>
    <Password>XMLDem0Pwd</Password>
  </Credentials>
  <Product Mode="Add">
    <ProductName>Oakley Men's Loft Polo Shirt</ProductName>
    <ProductSKU>ff065</ProductSKU>
    <COGS>29.99</COGS>
    <Pricing>
      <Price>
        <Amount>69.99</Amount>
      </Price>
    </Pricing>
    <Weight>2</Weight>
    <Images>
      <Thumbnail>http://dl.dropbox.com/u/4979976/oakley-polo-navy-thumb.gif</Thumbnail>
      <Gallery>
        <Image>
          <Thumbnail>http://dl.dropbox.com/u/4979976/oakley polo black thumb2.jpg</Thumbnail>
          <Main>http://dl.dropbox.com/u/4979976/oakleypoloblackbigresize.jpg</Main>
        </Image>
      </Gallery>
    </Images>
  </Product>
</ProductUpdateRequest>
```

```

    <Default />
  </Image>
  <Image>
    <Thumbnail>http://dl.dropbox.com/u/4979976/oakley polo navy thumb2.jpg</Thumbnail>
    <Main>http://dl.dropbox.com/u/4979976/oakleypolonavybigresize.jpg</Main>
  </Image>
</Gallery>
</Images>
<Categories>
  <Category>
    <Name>Golf Apparel</Name>
    <Primary />
  </Category>
</Categories>
<Attributes>
  <Attribute Name="Color">
    <Option GalleryMainImage="oakleypoloblackbigresize.jpg">Black</Option>
    <Option GalleryMainImage="oakleypolonavybigresize.jpg">Navy</Option>
  </Attribute>
  <Attribute Name="Size">
    <Option>Small</Option>
    <Option>Medium</Option>
    <Option>Large</Option>
  </Attribute>
</Attributes>
<Vendor>Oakley</Vendor>
<ShipFrom>
  <InternalName>FirstFairway</InternalName>
</ShipFrom>
<Visibility>All</Visibility>
<CustomField1 Type="Text">Oakley</CustomField1>
<CustomField3 Type="Yes/No">Yes</CustomField3>
<Taxable>All</Taxable>
<AllowDiscounts />
<CartAddendumEligible />
<PendingEditEligible />
<AllowDirectCheckout />
<AllowQuestions />
<AllowReviews />
<Description>
  <Long>Short sleeve knit golf polo with 3-button placket and contrast patterning on front. 100%
  Polyester Aerocool</Long>
  <Keywords>Oakley, men, mens, golf, shirt, loft, polo, black, navy</Keywords>
</Description>
<SKUItems>
  <SKUItem>
    <Attributes>
      <Attribute Name="Color">Black</Attribute>
      <Attribute Name="Size">Small</Attribute>
    </Attributes>
    <Inventory>
      <Level>SKU</Level>
      <Qty>550</Qty>
    </Inventory>
    <Default />
  </SKUItem>

```

```

<SKUItem>
  <Attributes>
    <Attribute Name="Color">Black</Attribute>
    <Attribute Name="Size">Medium</Attribute>
  </Attributes>
  <Inventory>
    <Level>SKU</Level>
    <Qty>550</Qty>
  </Inventory>
</SKUItem>
<SKUItem>
  <Attributes>
    <Attribute Name="Color">Black</Attribute>
    <Attribute Name="Size">Large</Attribute>
  </Attributes>
  <Inventory>
    <Level>SKU</Level>
    <Qty>550</Qty>
  </Inventory>
</SKUItem>
<SKUItem>
  <Attributes>
    <Attribute Name="Color">Navy</Attribute>
    <Attribute Name="Size">Small</Attribute>
  </Attributes>
  <Inventory>
    <Level>SKU</Level>
    <Qty>550</Qty>
  </Inventory>
</SKUItem>
<SKUItem>
  <Attributes>
    <Attribute Name="Color">Navy</Attribute>
    <Attribute Name="Size">Medium</Attribute>
  </Attributes>
  <Inventory>
    <Level>SKU</Level>
    <Qty>550</Qty>
  </Inventory>
</SKUItem>
<SKUItem>
  <Attributes>
    <Attribute Name="Color">Navy</Attribute>
    <Attribute Name="Size">Large</Attribute>
  </Attributes>
  <Inventory>
    <Level>SKU</Level>
    <Qty>550</Qty>
  </Inventory>
</SKUItem>
</SKUItems>
</Product>
</ProductUpdateRequest>

```

ProductUpdateRequest Example: Mode="Update"

```
<?xml version="1.0" encoding="utf-8"?>
<ProductUpdateRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <Key>Nk5\#/K#0:;!C:SfqVs0</Key>
  </Credentials>
  <Product Mode="Update" MatchingField="ProductName">
    <ProductName>Oakley Men's Loft Polo Shirt</ProductName>
    <COGS>24.95</COGS>
    <Taxable States="CA">State</Taxable>
  </Product>
</ProductUpdateRequest>
```

ProductUpdateReply Example

```
<?xml version="1.0" encoding="utf-8"?>
<ProductUpdateReply AccountName="fairway">
  <Product Mode="Add">
    <ProductName>Oakley Men's Loft Polo Shirt</ProductName>
    <ProductNo>1863</ProductNo>
    <Status>Normal</Status>
  </Product>
</ProductUpdateReply>
```


14: SavedCart

The SavedCart query will return information about customers who have placed items in their Shopping Carts, but have not yet completed the checkout process. Note that this query will only return saved cart information for customers who logged in and can be identified. Saved Shopping Carts are retained for 30 days before being automatically purged.

You may submit a query based on the shopping cart Expiration Day Range, Expiration Date Range, Product Status, Customer Contact State/Province Code or Country, and Product. For Expiration Day Range you may specify an Expiration Day Start, an Expiration Day End, or both. For Expiration Date Range you may specify an Expiration Date Start, an Expiration Date End, or both. Specifying only a Range Start has the meaning of "greater than or equal to", while only a Range End has the meaning of "less than or equal to". For example, a query based on only an Expiration Day Start of 30 will return all saved shopping carts that expire 30 days from the current date.

A single SavedCartQueryRequest returns no more than 15 SavedCart nodes in the corresponding SavedCartQueryReply, even if the requested query includes more than 15 resulting saved carts. The presence of a NextPage node in the SavedCartQueryReply indicates that a subsequent "page" of results exists. You may then use the Page node in the SavedCartQueryRequest to iteratively request all saved carts in the query.

Note: If the Page node in the SavedCartQueryRequest contains a page number greater than the maximum page number in the query results, the maximum page number is returned.

SavedCartQueryRequest URL: <https://www.nexternal.com/shared/xml/savedcart.rest>

SavedCartQueryRequest Schema

| Element Xpath | Required | Occurs | Type | Description |
|---------------------------------------|----------|--------|--------------------------|--|
| Credentials | Yes | 1 | Container | Note that the supplied Credentials must contain the Client's XML Key, <u>or</u> a UserName and Password, but not both |
| Credentials/AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| Credentials/Key | No | 1 | Text Node (20 chars max) | Client's XML Key |
| Credentials/UserName | No | 1 | Text Node (50 chars max) | XML Tools User Name • See Users / New Users / Access Level in the OMS for more information about the XML Tools Access Level |
| Credentials/Password | No | 1 | Text Node (50 chars max) | XML Tools User Password |
| ExpirationDayRange | No | 1 | Container | For querying by the number of days before the shopping cart will expire |
| ExpirationDayRange/ExpirationDayStart | No | 1 | Integer Node | Expiration Day Range Start • Value must be a number between 0 (cart expires today) and 30 (cart expires 30 days from today) |

| Element Xpath | Required | Occurs | Type | Description |
|---|-----------------|---------------|-------------------------------|--|
| ExpirationDayRange/ExpirationDayEnd | No | 1 | Integer Node | Expiration Day Range End • Value must be a number between 0 (cart expires today) and 30 (cart expires 30 days from today) |
| ExpirationDateRange | No | 1 | Container | For querying by the date a shopping cart will expire |
| ExpirationDateRange/ExpirationDateStart | No | 1 | Container | |
| ExpirationDateRange/ExpirationDateStart/DateTime | Yes* | 1 | Container | |
| ExpirationDateRange/ExpirationDateStart/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Expiration Date Range Start • Value must be a valid date between the current date (cart expires today) and 30 days in the future (cart expires 30 days from now) |
| ExpirationDateRange/ExpirationDateEnd | No | 1 | Container | |
| ExpirationDateRange/ExpirationDateEnd/DateTime | Yes* | 1 | Container | |
| ExpirationDateRange/ExpirationDateEnd/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Expiration Date Range End • Value must be a valid date between the current date (cart expires today) and 30 days in the future (cart expires 30 days from now) |
| Status | No | 1 | Text Node (50 chars max) | Current Product Status (Normal, Backordered, Preordered, Sold Out, or Discontinued) |
| CustomerAddress | No | 1 | Container | Used to query by Customer Contact State/Province Code or Customer Country Code • If this container is included you must also include either the StateProvCode or CountryCode node, but not both |
| CustomerAddress/StateProvinceCode | Yes* | 1 | Text Node (2 chars max) | Customer Contact Address State/Province Code |
| CustomerAddress/CountryCode | Yes* | 1 | Text Node (2 chars max) | Customer Contact Address Country Code |
| Product | No | 1 | Container | Used to query for shopping carts containing a specific Product • If this container is included you must also include a ProductName node, a ProductSKU node, or a ProductNo node |
| Product/ProductName | No | 1 | Text Node (100 chars max) | Product Name |
| Product/ProductSKU | No | 1 | Text Node (50 chars max) | Product-level SKU |
| Product/ProductNo | No | 1 | Integer Node | Product Number |
| Product/SKUItem | No | 1 | Container | Used if the Product in the shopping cart is defined at the SKU level |
| Product/SKUItem/SKU | No | 1 | Text Node (50 chars max) | Product SKU-level SKU number |
| Product/SKUItem/Attributes | No | 1 | Container | Product SKU-level Attributes and Options • If this container is included in the query you may <u>not</u> include the SKUItem/SKU node |
| Product/SKUItem/Attributes/Attribute | Yes* | 1 + | Text Node (50 chars max) | Product SKU-level Attribute Value |
| Product/SKUItem/Attributes/Attribute @Name | Yes* | 1 | Text Attribute (50 chars max) | Product SKU-level Attribute Name |

| Element Xpath | Required | Occurs | Type | Description |
|----------------------|-----------------|---------------|--------------|---|
| Page | No | 1 | Integer Node | Requested page number of query results (default value: 1) |

SavedCartQueryReply Schema

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|-------------------------------|---|
| @AccountName | Yes | 1 | Text Node (10 chars max) | Client's Account Name (e.g. fairway) |
| @Page | Yes | 1 | Integer Attribute | Page number of query results |
| SavedCart | Yes | 1 - 15 | Container | |
| SavedCart/ExpirationDate | Yes | 1 | Container | |
| SavedCart/ExpirationDate/DateTime | Yes | 1 | Container | |
| SavedCart/ExpirationDate/DateTime/Date | Yes | 1 | Date Node (mm/dd/yyyy) | Expiration Date |
| SavedCart/Customer | Yes | 1 | Container | |
| SavedCart/Customer/CustomerNo | Yes | 1 | Integer Node | Customer Number (unique ID) |
| SavedCart/Customer/Email | Yes | 1 | Text Node (50 chars max) | Customer E-Mail Address |
| SavedCart/Customer/Address | Yes | 1 | Container | For Customer Contact Address |
| SavedCart/Customer/Address @Type | Yes | 1 | Text Attribute (11 chars max) | Customer Contact Address Type (Residential or Business) |
| SavedCart/Customer/Address @ID | No | 1 | Integer Attribute | Customer Address Book ID |
| SavedCart/Customer/Address @Label | No | 1 | Text Attribute (25 chars max) | Customer Contact Address Label |
| SavedCart/Customer/Address/Name | Yes | 1 | Container | |
| SavedCart/Customer/Address/Name/FirstName | Yes | 1 | Text Node (50 chars max) | Customer First Name |
| SavedCart/Customer/Address/Name/LastName | Yes | 1 | Text Node (50 chars max) | Customer Last Name |
| SavedCart/Customer/Address/CompanyName | No | 1 | Text Node (100 chars max) | Customer Contact Company Name • Usage of the Company Name field is set at Customers/Types in the OMS |
| SavedCart/Customer/StreetAddress/StreetAddress1 | Yes | 1 | Text Node (100 chars max) | Customer Contact Street Address (Line 1) |
| SavedCart/Customer/StreetAddress/StreetAddress2 | No | 1 | Text Node (100 chars max) | Customer Contact Street Address (Line 2) |
| SavedCart/Customer/Address/City | Yes | 1 | Text Node (50 chars max) | Customer Contact City |
| SavedCart/Customer/Address/StateProvCode | No | 1 | Text Node (2 chars max) | Customer Contact State/Province Code |
| SavedCart/Customer/Address/ZipPostalCode | Yes | 1 | Text Node (20 chars max) | Customer Contact Zip/Postal Code |
| SavedCart/Customer/Address/CountryCode | Yes | 1 | Text Node (2 chars max) | Customer Contact Country Code |
| SavedCart/Customer/Address/PhoneNumber | Yes | 1 | Text Node (50 chars max) | Customer Contact Phone Number |

| Element Xpath | Always | Occurs | Type | Description |
|--|---------------|---------------|-------------------------------|---|
| SavedCart/Customer/Address/PhoneExt | No | 1 | Text Node (30 chars max) | Customer Contact Phone Extension |
| SavedCart/Customer/CustomerType | Yes | 1 | Text Node (20 chars max) | Customer Type |
| SavedCart/Products | Yes | 1 | Container | |
| SavedCart/Products/Product | No | 1 + | Container | |
| SavedCart/Products/Product/ProductNo | No | 1 | Integer Node | Product Number |
| SavedCart/Products/Product/ProductName | No | 1 | Text Node (100 chars max) | Product Name |
| SavedCart/Products/Product/ProductSKU | No | 1 | Text Node (50 chars max) | Product SKU number (if defined) |
| SavedCart/Products/Product/SKUItem | No | 1 | Container | Included if the Product in the shopping cart is defined at the SKU level |
| SavedCart/Products/Product/SKUItem/SKU | No | 1 | Text Attribute (50 chars max) | SKU-level SKU number (if defined) |
| SavedCart/Products/Product/SKUItem/Attributes | No | 1 | Container | |
| SavedCart/Products/Product/SKUItem/Attributes/Attribute | Yes* | 1 + | Text Node (50 chars max) | SKU Attribute Value |
| SavedCart/Products/Product/SKUItem/Attributes/Attribute @Name | Yes* | 1 | Text Attribute (50 chars max) | SKU Attribute Name |
| SavedCart/Products/Product/WriteIn | No | 1 + | Text Node (4000 chars max) | Product Write-In Attribute Value |
| SavedCart/Products/Product/WriteIn @Name | Yes* | 1 | Text Attribute (50 chars max) | Product Write-In Attribute Name |
| SavedCart/Products/Product/SKUItem/Status | Yes | 1 | Text Node (50 chars max) | SKU-level Product Status (Normal, Backordered, Preordered, Sold Out, or Discontinued) |
| SavedCart/Products/Product/Qty | Yes | 1 | Integer Node | Number of Products in the shopping cart |
| SavedCart/Products/Product/InventoryReservation | No | 1 | Container | For Inventory Reservation |
| SavedCart/Products/Product/InventoryReservation/Qty | Yes* | 1 | Integer Node | Quantity reserved |
| SavedCart/Products/Product/InventoryReservation/Minutes | Yes* | 1 | Integer Node | Total number of minutes for which the product is reserved • Does not indicate the number of minutes remaining in the reservation |
| SavedCart/Products/Product/InventoryReservation/Expiration | Yes* | 1 | Container | |
| SavedCart/Products/Product/InventoryReservation/Expiration/DateTime | Yes* | 1 | Container | |
| SavedCart/Products/Product/InventoryReservation/Expiration/DateTime/Date | Yes* | 1 | Date Node (mm/dd/yyyy) | Reservation expiration date |
| SavedCart/Products/Product/InventoryReservation/Expiration/DateTime/Time | Yes* | 1 | Time Node (hh:mm) | Reservation expiration time |

| Element Xpath | Always | Occurs | Type | Description |
|---|---------------|---------------|-------------------------------|--|
| SavedCart/Products/Product/UnitPrice | Yes | 1 | Currency Node | Product Unit Price (if defined) |
| SavedCart/Products/Product/Status | Yes | 1 | Text Node (17 chars max) | Product Status (Normal, Backordered, Preordered, Sold Out, or Discontinued) |
| SavedCart/Products/Product/Warning | No | 1 + | Text Node | Included if one or more product validation or verification steps was not passed (for example, the product has a minimum or maximum quantity requirement) |
| SavedCart/Products/GiftCertificate | No | 1 + | Container | |
| SavedCart/Products/GiftCertificate/GiftCertRecipient | Yes* | 1 | Container | |
| SavedCart/Products/GiftCertificate/GiftCertRecipient/Name | Yes* | 1 | Container | |
| SavedCart/Products/GiftCertificate/GiftCertRecipient/Name/FirstName | Yes* | 1 | Text Node (50 chars max) | Recipient First Name |
| SavedCart/Products/GiftCertificate/GiftCertRecipient/Name/LastName | Yes* | 1 | Text Node (50 chars max) | Recipient Last Name |
| SavedCart/Products/GiftCertificate/GiftCertRecipient/Email | Yes* | 1 | Text Node (50 chars max) | Recipient E-Mail Address |
| SavedCart/Products/GiftCertificate/GiftCertAmount | Yes* | 1 | Currency Node | Gift Certificate Amount |
| SavedCart/Products/GiftCertificate/GiftCertMessage | No | 1 | Text Node | Gift Certificate Message (if provided) |
| SavedCart/SubTotal | Yes | 1 | Currency Node | Saved Cart SubTotal (total before shipping and sales tax) |
| SavedCart/Discounts | No | 1 | Container | Included if any discounts could be applied to the contents of the shopping cart |
| SavedCart/Discounts/CategoryDiscounts | No | 1 | Currency Node | Category Discount Amount(s) total |
| SavedCart/Discounts/CouponDiscount | No | 1 | Currency Node | Coupon Discount Amount |
| SavedCart/Discounts/CouponDiscount @Code | Yes* | 1 | Text Attribute (50 chars max) | Coupon Code (for Coupon Discount) |
| SavedCart/Discounts/CustomerDiscount | No | 1 | Currency Node | Customer Discount Amount |
| SavedCart/Discounts/GiftCardDiscount | No | 1 | Currency Node | FlexCache Gift Card Discount Amount |
| SavedCart/Discounts/GiftCertificateDiscount | No | 1 | Currency Node | Gift Certificate Discount Amount |
| SavedCart/Discounts/OrderDiscount | No | 1 | Currency Node | Order Discount Amount |
| SavedCart/Discounts/SharingDiscounts | No | 1 | Currency Node | Sharing Discount Amount(s) total |
| SavedCart/Discounts/Warning | No | 1 + | Text Node | Included if one or more discounts is inapplicable (for example, a CouponDiscount has expired) |
| SavedCart/Affiliate | No | 1 | Container | Included if there is an associated Affiliate |
| Order/Affiliate/AffiliateName | Yes* | 1 | Text Node (100 chars max) | Affiliate Name |
| SavedCart/Error | No | 1 + | Text Node | Included if there was an error retrieving the shopping cart (for example, an inactive Customer account) |

| Element Xpath | Always | Occurs | Type | Description |
|----------------------|---------------|---------------|-------------|---|
| SavedCart/Warning | No | 1 + | Text Node | Included if one or more validation or verification steps was not passed (for example, the Customer didn't pass an Age Verification requirement) |
| NextPage | No | 1 | Empty Node | Indicates the existence of a subsequent page of orders |

SavedCartQueryRequest Example

```
<?xml version="1.0" encoding="utf-8"?>
<SavedCartQueryRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <Key>Nk5\#/K#0: {!C:SfqVs0</Key>
  </Credentials>
  <ExpirationDayRange>
    <ExpirationDayStart>30</ExpirationDayStart>
    <ExpirationDayEnd>30</ExpirationDayEnd>
  </ExpirationDayRange>
  <Page>1</Page>
</SavedCartQueryRequest>
```

SavedCartQueryReply Example

```
<?xml version="1.0" encoding="utf-8"?>
<SavedCartQueryReply AccountName="fairway" Page="1">
  <SavedCart>
    <ExpirationDate>
      <DateTime>
        <Date>07/13/2012</Date>
      </DateTime>
    </ExpirationDate>
    <Customer>
      <CustomerNo>316</CustomerNo>
      <Email>jack @demo.com</Email>
      <Address>
        <Name>
          <FirstName>Jack</FirstName>
          <LastName>Nicklaus</LastName>
        </Name>
        <StreetAddress1>951 US Highway 1</StreetAddress1>
        <City>North Palm Beach</City>
        <StateProvCode>FL</StateProvCode>
        <ZipPostalCode>33408</ZipPostalCode>
        <CountryCode>US</CountryCode>
        <PhoneNumber>555-555-5555</PhoneNumber>
      </Address>
      <CustomerType>Consumer</CustomerType>
    </Customer>
    <Products>
      <Product>
        <ProductNo>9</ProductNo>
        <ProductName>British Open Towel</ProductName>
        <ProductSKU>ff009</ProductSKU>
        <Qty>1</Qty>
      </Product>
    </Products>
  </SavedCart>
</SavedCartQueryReply>
```

```
<UnitPrice>39.99</UnitPrice>
<Status>Normal</Status>
</Product>
</Products>
<SubTotal>37.99</SubTotal>
<Discounts>
  <CustomerDiscount>2.00</CustomerDiscount>
</Discounts>
</SavedCart>
</SavedCartQueryReply>
```

15: Errors

Error XML is returned whenever the Request XML sent is invalid. Errors resulting in Error XML may be due to a parsing error (i.e. failed validation against the appropriate XSD), or due to a violation of business rules. Errors involving invalid child elements are usually caused by incorrect sequencing of the XML elements; a violation of the schema's Unique Particle Attribution Constraint.

The Error XML usually gives a description of the error so that it may be easily addressed and corrected. In the case of a validation error, the line number of the error is also returned (a value of -1 indicates that the error cannot be localized to a specific line). Bear in mind that only the first error encountered is returned.

In most cases the Error XML constitutes the entire Reply XML when an error is encountered. However, if the ForceProceed node is included in an OrderUpdateRequest or an InventoryUpdateRequest (as detailed in Chapters 6 and 10), the Error XML may be contained within the Order or InventoryProduct container.

Error XML Schema

| Element Xpath | Always | Occurs | Type | Description |
|------------------------|--------|--------|--------------|---|
| Error | Yes | 1 | Container | |
| Error/ErrorDescription | Yes | 1 | Text Node | Error Description |
| Error/ErrorLine | No | 1 | Integer Node | Error Line (for XSD validation errors only) |

Error XML Example

```
<?xml version="1.0" encoding="utf-8"?>
<OrderQueryReply>
  <Error>
    <ErrorDescription>The 'OrderNoRange' start tag on line 7 does not match the end tag of
'OrderQueryRequest'. Line 10, position 3.</ErrorDescription>
  </Error>
</OrderQueryReply>
```


16: External Mapping

The Integration container can be used by third-party developers and applications to associate their own domain-specific information with a Nexternal Customer, Order, or Product record. This container can be used with any XML Tools request except OrderCalculate and SavedCart.

When the Integration container is included within an update request (e.g. CustomerUpdate) you can associate one or more user-defined key/value pairs with the Nexternal record that you are creating or updating. This information can be used with subsequent XML Tools queries to retrieve any records that match the key/value pairs.

When the Integration container is included within a query request (e.g. CustomerQuery) you can use just the Integration Source to retrieve only records that have at least one key/value pair from the Source; or you can include one or more user-defined keys or key/value pairs with the Source to retrieve only records that match the Source and the included key or key/value pairs.

Integration Container

| Element Xpath | Always | Occurs | Type | Description |
|---|--------|--------|--------------------------------------|--|
| Integration | No | 1 | Container | |
| Integration/Source | Yes | 1 | Text Node (50 chars max) | Unique Third-Party Integrator name |
| Integration/ <i>ElementName</i> | No | 1+ | Empty Node, Text Node (50 chars max) | Unique Key Name or Key Name and Key Value pair, where <i>ElementName</i> is the Key Name, and the node value is the Key Value <ul style="list-style-type: none"> • Note that <i>ElementName</i> can be any alphanumeric string |
| Integration/ExcludeIntegrationUpdates | No | 1 | Empty Node | For use with CustomerQuery, ProductQuery, and OrderQuery requests only, excludes records updated by the integrator <ul style="list-style-type: none"> • If Credentials/UserName is specified in the request, excludes records last updated by that user • If no Credentials/UserName is specified in the request, excludes records that have at least one key/value pair from the specified Integration/Source • Incompatible with (and takes precedence over) any Integration/<i>ElementName</i> nodes |
| Integration/ExcludeIntegrationUpdates @Excludes | No | 1 | Text Attribute | Used to explicitly define the integrator records that will be filtered out of the search results (Any, LastUpdated; default value: Any) <ul style="list-style-type: none"> • Any will exclude records that have at least one key/value pair from the Integration/Source • LastUpdated will exclude records that were last updated by the Integration/Source |
| Integration/Locked | No | 1 | Empty Node | When used with OrderCreate or OrderUpdate, this node will "lock" the order to prevent anyone <u>except</u> the third-party application from making changes to the order contents |

| Element Xpath | Always | Occurs | Type | Description |
|---------------------------|---------------|---------------|--|--|
| Integration/Unlocked | No | 1 | Empty Node | When used with OrderCreate or OrderUpdate, this node will "unlock" the order to allow anyone to make changes to the order contents |
| Integration/Information | No | 1 | Empty Node, Text Node (1000 chars max) | When used will display an information message in the OMS. When empty it will remove the information message. |
| Integration/AmazonOrderID | No | 1 | Text Node (20 chars max) | If the Nexternal Amazon Marketplace integration is enabled and active, this will contain the Amazon order number for imported Amazon orders. |
| Integration/Warning | No | 1 | Empty Node, Text Node (1000 chars max) | When used will display a warning message in the OMS. When empty it will remove the warning. |
| Integration/Error | No | 1 | Empty Node, Text Node (1000 chars max) | When used will display an error message in the OMS. When empty it will remove the error. |

Integration Container Examples

CustomerUpdateRequest

```
<?xml version="1.0" encoding="UTF-8" ?>
<CustomerUpdateRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <UserName>xmlbob</UserName>
    <Password>XMLDem0Pwd</Password>
  </Credentials>
  <Customer Mode="Update" MatchingField="Email">
    <Email>demo @demo.com</Email>
    <CustomerType>Consumer</CustomerType>
    <Integration>
      <Source>FirstFairway</Source>
      <Membership>Gold Club</Membership>
    </Integration>
  </Customer>
  <Customer Mode="Update" MatchingField="Email">
    <Email>ackerman_jim @yahoo.com</Email>
    <CustomerType>Business</CustomerType>
    <Integration>
      <Source>FirstFairway</Source>
      <Membership>Platinum Club</Membership>
    </Integration>
  </Customer>
</CustomerUpdateRequest>
```

CustomerUpdateReply

```
<?xml version="1.0" encoding="utf-8"?>
<CustomerUpdateReply AccountName="fairway">
  <Customer Mode="Update">
    <CustomerNo>1011</CustomerNo>
```

```

<Name>
  <FirstName>Adam</FirstName>
  <LastName>Scott</LastName>
</Name>
<Email>demo @demo.com</Email>
<Status>Updated</Status>
<Integration>
  <Source>FirstFairway</Source>
  <Membership>Gold Club</Membership>
</Integration>
</Customer>
<Customer Mode="Update">
  <CustomerNo>157</CustomerNo>
  <Name>
    <FirstName>Jim</FirstName>
    <LastName>Ackerman</LastName>
  </Name>
  <Email>ackerman_jim @yahoo.com</Email>
  <Status>Updated</Status>
  <Integration>
    <Source>FirstFairway</Source>
    <Membership>Platinum Club</Membership>
  </Integration>
</Customer>
</CustomerUpdateReply>

```

CustomerQueryRequest: FirstFairway Gold Club Memberships Only

```

<?xml version="1.0" encoding="UTF-8" ?>
<CustomerQueryRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <UserName>xmlbob</UserName>
    <Password>XMLDem0Pwd</Password>
  </Credentials>
  <Integration>
    <Source>FirstFairway</Source>
    <Membership>Gold Club</Membership>
  </Integration>
</CustomerQueryRequest>

```

CustomerQueryReply

```

<?xml version="1.0" encoding="utf-8"?>
<CustomerQueryReply AccountName="fairway" Page="1">
  <Customer>
    <CustomerNo>1011</CustomerNo>
    [...]
  <Integration>
    <Source>FirstFairway</Source>
    <Membership>Gold Club</Membership>
  </Integration>
</Customer>
</CustomerQueryReply>

```

CustomerQueryRequest: All FirstFairway Customer records

```
<?xml version="1.0" encoding="UTF-8" ?>
<CustomerQueryRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <UserName>xmlbob</UserName>
    <Password>XMLDem0Pwd</Password>
  </Credentials>
  <Integration>
    <Source>FirstFairway</Source>
  </Integration>
</CustomerQueryRequest>
```

CustomerQueryReply

```
<?xml version="1.0" encoding="utf-8"?>
<CustomerQueryReply AccountName="fairway" Page="1">
  <Customer>
    <CustomerNo>1011</CustomerNo>
    [...]
  </Integration>
    <Source>FirstFairway</Source>
    <Membership>Gold Club</Membership>
  </Integration>
</Customer>
  <CustomerNo>157</CustomerNo>
  [...]
  <Integration>
    <Source>FirstFairway</Source>
    <Membership>Platinum Club</Membership>
  </Integration>
</Customer>
</CustomerQueryReply>
```

16: Best Practices

It is strongly recommended that you adhere to the following best practices:

- Design your integration application to be fault tolerant. Rather than assume that your application will run flawlessly every time, have an affirmative plan to handle temporary disruptions (e.g. internet outages). A well-designed application will handle errors smoothly and re-attempt failed requests at a later time.
- Develop a deep understanding of how options in the OMS may affect your application. For example, the Multiple Ship To (Settings/Boolean Options) and Full CC Access: Report/XML (Settings/Site Options) options impact the OrderQueryReply. You may need to educate OMS users not to make specific changes that are not anticipated by your application.
- To the extent possible, allow for future changes to the XML Tools. Nexternal Solutions employs a philosophy of continuous development and enhancement of its core software, and those enhancements often require changes to the XML Tools. When possible, Nexternal accommodates changes by adding new nodes and attributes to XML schemas, leaving pre-existing nodes and attributes unchanged; however, in rare cases, this may not be possible. It is therefore strongly advised that you parse XML replies using an XML parser that references element names and not indices. This will make your application as stable as possible, and minimize the need to make changes.
- Take extra care to protect your XML Key, as it is the primary means of validating access to the XML Tools. Never send the Key via e-mail or any other unsecured format. If you have reason to believe that the Key has been compromised, you may generate a new Key at Settings/XML Tools in the OMS.
- Unless the XML Key is regenerated (Settings/XML Tools in the OMS), it will not change. Furthermore, the Key is always available at Settings/XML Tools in the OMS, once the XML Memorandum of Understanding (MOU) has been accepted and the XML Test has been passed. Thus, there is never a need to pass the XML Test more than once.
- Do not submit an unreasonably large number of scheduled XML queries or updates over a short period of time. Calls to any combination of the CustomerQuery, OrderQuery, ProductQuery, or SavedCartQuery services are limited to 90 calls per minute (i.e., 90 query requests with 15 Order nodes per query is 1350 orders). Excessive service requests are subject to throttling, and may result in revocation of access.
- Repeatedly requesting any XML update that consistently results in an error is subject to throttling, and may result in revocation of access. Calls to any combination of the CustomerUpdate, InventoryUpdate, OrderUpdate, or ProductUpdate services are limited to 45 calls per minute (i.e., 45 updates with 15 Order nodes per update is 675 orders). If the total number of update errors exceeds 15 per minute you will be required to wait five minutes before submitting any other update requests.

- If your application needs to check connectivity with the REST services please "ping" our servers using <http://www.nexternal.com/shared/xml/ping.rest>. The "ping" test should occur one time on application startup, and not before every call to the REST services.

17: Summary of Revisions

- **9/20/2019:** CustomerQuery and CustomerUpdate – Added support for Additional Notifications; OrderCreate, CustomerQuery, and CustomerUpdate – removed PasswordReminder
- **8/28/2019:** OrderQueryReply and ProductQueryReply – Added Vendor nodes and attributes contained within
- **7/18/2019:** OrderQueryReply – Added DiscountDetails containers within Apportionment containers
- **6/20/2019:** InventoryUpdateRequest – Added InventoryUpdate/ProductSKU @MultipleMatches attribute
- **3/15/2019:** OrderCreateRequest and CustomerUpdateRequest – Added support for Credit Card Token
- **3/15/2019:** ProductQueryReply and ProductUpdateRequest – Split FedExPackaging node into FedExGroundPackaging and FedExExpressPackaging
- **2/13/2019:** OrderQueryReply – Added support for Campaign
- **12/7/2018:** OrderQueryRequest, OrderQueryReply, CustomerQueryRequest, OrderUpdateRequest, and OrderUpdateReply – Added support for Segments
- **10/2/2018:** OrderCreateRequest – Added OrderCreate/Layout node. OrderUpdateRequest – Added OrderUpdate/Layout node
- **9/24/2018:** CustomerQueryReply and CustomerUpdateRequest – Added support for Customer Custom Field #7 - #20
- **8/15/2018:** SavedCartReply – Added SavedCart/Products/GiftCert container. OrderQueryReply – Added Order/CreditCardTransaction/PendingReview node
- **8/1/2018:** ProductQueryReply and ProductUpdateRequest – Added support for Product Custom Field #7 - #20
- **12/18/2017:** OrderQueryRequest, OrderQueryReply, OrderUpdateRequest, and OrderCreateRequest – Added support for Tags
- **10/26/2017:** OrderCreateRequest – Added PrimaryShip node to ShipTo address and removed Import only restriction on DoNotSaveAddress for ShipTo address
- **8/23/2017:** OrderCalculateReply – Added support for SalesTaxRate and Taxable attributes
- **6/8/2017:** InventoryUpdateRequest – Added support for Product Number and SKU Number
- **6/1/2017:** CustomerUpdateReply – Updated error messages to include the reason why an address failed validation
- **3/30/2017:** External Mapping – Added Excludes attribute to ExcludeIntegrationUpdates.
- **3/27/2017:** ProductUpdateRequest – Added support for enhanced inventory and Vendor creation
- **11/1/2016:** ProductUpdateRequest – Added support for category visibility; OrderQueryReply – Added Amazon Order Number, if present
- **9/16/2016:** OrderUpdateRequest – Added support for credit card authorization


- **8/25/2016:** OrderQueryReply – Added Order/ShipTo/ShipFrom/LineItem/LineProduct/Category, Order/Pickups/Pickup/LineItem/LineProduct/Category, and Order/GiftCert/Category nodes
- **7/25/2016:** OrderCalculateRequest, OrderCalculateReply, OrderCreateRequest, and OrderQueryReply – Added support for Gratuities
- **7/22/2016:** External Mapping – Added support for Information, Warning, and Error messages
- **7/12/2016:** OrderUpdateRequest – added LineItemAdd container and Reconcile value for CapturePayment node; OrderCalculateRequest, OrderCalculateReply, and OrderCreateRequest – added support for Subscriptions
- **5/19/2016:** Added support for Loyalty Points and Discounts
- **2/25/2016:** OrderUpdateRequest – added OrderUpdate/FulfillmentLocationUpdate container; ProductUpdateRequest and ProductQueryReply – added AddShipFroms container; OrderCreateRequest – added OrderCreate/ShipTos/ShipTo/Products/Product @ShipFrom attribute
- **1/11/2016:** Added support for Trustee and Signature

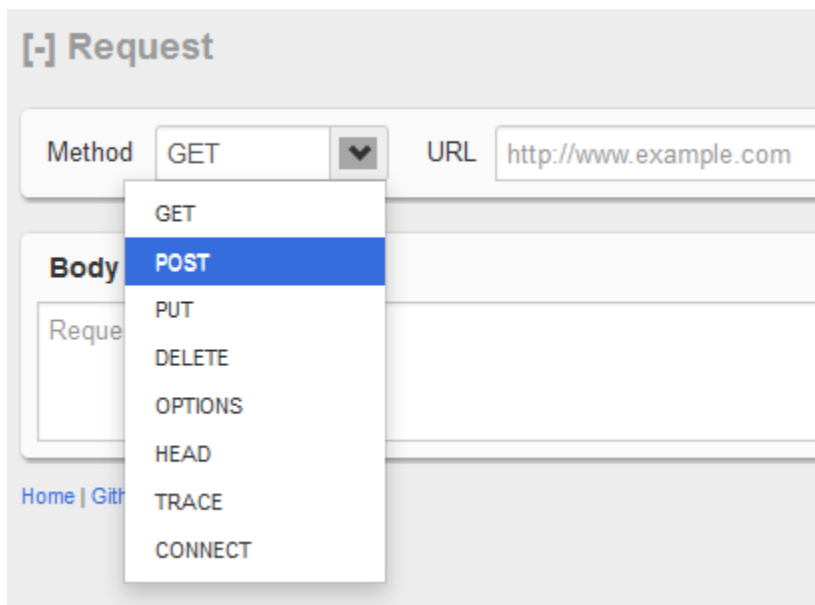
18: Appendix: REST Client

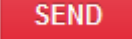
REST Client: A browser extension to test REST services

You can test your queries by installing a "REST client" extension for your web browser. We recommend the **RESTClient** extension, available as a user-supported download from <http://restclient.net>. This extension is currently available for Firefox, and extensions for Safari and Chrome should be available shortly.

Note: The instructions and screenshots below refer to Firefox and version 2.0.1 of the **RESTClient** application; other browsers and versions may differ slightly.

- Install the **RESTClient** extension from <http://restclient.net>, or directly from the Mozilla Add-Ons website at <https://addons.mozilla.org/en-US/firefox/addon/restclient>, and restart Firefox to enable the extension.
- Click on the  icon that will appear to the right of your browser address bar to start the **RESTClient**.
- Change the **Method** option from **GET** to **POST**, enter the REST service endpoint that you want to test in the **URL** field, then type in (or paste) the query you wish to test into the **Body** field.



- Click on the  button to the right of the **URL** field to submit your query and retrieve the results.

Method URL

Body

```
<?xml version="1.0" encoding="utf-8"?>
<OrderCreateRequest>
  <Credentials>
    <AccountName>fairway</AccountName>
    <Key>Nk5\#/K#0:;!C:SfqVs0</Key>
  </Credentials>
  <OrderCreate Mode="Add">
    <Customer MatchingField="Email">
      <Email DefaultTo="Most Recently Created">demo@demo.com</Email>
    </Customer>
    <Payment>
```

[-] Response

[Response Headers](#) [Response Body \(Raw\)](#) [Response Body \(Highlight\)](#) [Response Body \(Preview\)](#)

```
<?xml version="1.0" encoding="utf-8"?>
<OrderCreateReply AccountName="fairway">
  <Order No="102607">
    <OrderStatus>Unshipped</OrderStatus>
    <BillingStatus>Authorized</BillingStatus>
  </Order>
</OrderCreateReply>
```