WSM API Documentation:
Product API V.1.1.13

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Revision History

Version	Updates	Date Modified
1.1.13	**Added optional output for GetIDs endpoint**	2/29/24
1.1.12	**Added basic pagination to the GetIDs endpoint**	2/12/20
1.1.11	**Added Product Fee information to the GET message**	7/22/19
1.1.10	**Added support for product option configuration queries and inventory edits, added Group columns to more tables**	2/14/19
1.1.9	**Clarified timestamp format and timezone in "getIDs", updated hidden field in "Get"**	1/16/19
1.1.8	**Addition of "getIDs" and "getBulk" product functionality**	12/20/18
1.1.7	**Changes to "Add" and general cleanup/formatting** Updated hidden field in "Edit" Removed remarks field from "Get" and "Edit" tables	12/12/18
1.1.6	**Addition of "Add" product functionality (Draft)**	11/13/18
1.1.5	**Addition of the following fields to the Product "Get" and "Edit" API calls:** Handling Requires Shipping Free Ground Shipping Own Box Quote Shipping	9/5/18
1.1.4	**Addition of the following fields to the Product "Get" Response Message:** *Height* *Width* *Length* *Weight* *Summary (Description)* *Summary 2 (Extended Description)* *Tag* *Title (Name)* *UPC Code*	1/16/18

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Section 1. Overview

This document will explain the product API for Web Shop Manager. The product API is designed to give Web Shop Manager clients access to the product system through a standardized set of remote procedure calls. The API is accessed via the API URL. The content of the request will determine the action to be taken.

1.1 URL

Example GET URL:

```
https://put-your-domain-here/api/xml/product/get/
```

Example GETIDS URL:

```
https://put-your-domain-here/api/xml/product/getids/
```

Example GETBULK URL:

```
https://put-your-domain-here/api/xml/product/getbulk/
```

Example EDIT URL:

```
https://put-your-domain-here/api/xml/product/edit/
```

Example ADD URL:

```
https://put-your-domain-here/api/xml/product/add/
```

1.2 Data Format

 XML: *Extensible Markup Language (XML) is a markup language that defines a set of rules for encoding documents in a format that is both human-readable and machine-readable.It is defined in the XML 1.0 Specification produced by the W3C, and several other related specifications, all gratis open standards.*
        -Wikipedia

1.3 Request Method

POST: *In computing, POST is one of many request methods supported by the HTTP protocol used by the World Wide Web. The POST request method is designed to request that a web server accept the data enclosed in the request message body for storage. It is often used when uploading a file or submitting a completed web form.*
        -Wikipedia

1.4 Authentication Methods

API Key based authentication is required to access any of the Web Shop Manager APIs. A key is provided by Web Shop Manager support staff during the implementation process.

1.5 Request Actions

Get:

The 'get' method allows access to retrieve records within the WSM Product Management System.

GetIDs:

The 'getIDs' method allows access to retrieve multiple wsm product IDs within the WSM Product Management System with specified parameters.

GetBulk:

The 'getBulk' method allows access to retrieve multiple wsm product records within the WSM Product Management System. It also allows the specification of data which is returned in the response.

Edit:

The 'edit' method allows modification to specific records within the WSM Product Management System.

Add:

The 'add' method allows the creation of new product records within the WSM Product Management System. The 'add' functionality is limited to 200 product additions per hour, and 40 product additions every 10 minutes.

Section 2.0 API Calls

These are the basis for any request in Web Shop Manager. Each request will contain these control tags (except "SenderIp" which is optional).

2.1 Core Request

Parameter	Data Type	Required	Description
Request	Group	Yes	Enclosing tag for the request
Action	String	Yes	Action to be taken ('get', 'edit or 'add'')
Module	String	Yes	The resource this request is working with ('product')
Auth	Group	Yes	Enclosing tag for the authentication portion of the request.
Key	String	Yes	This authentication key is what WSM uses to authenticate and authorize the request. (This key is issued by the WSM support staff)
Senderip	String	No	The IP from where the request originated. This is optional, but must come after key if included.
Params	Group	Yes	Enclosing tag for the request specific tags.

2.2 Core Response:

Parameter	Data Type	Required	Description
Response	Group	Yes	Enclosing tag for the response
Status	String	Yes	Status of the request. See Appendix 1.3 for list of response codes.

2.3 Action: Get
This action obtains all the available detailed information regarding a single product.

2.3.1 Get Request:
Exactly one of the following fields should be included in the params list to identify the product information to return.

Parameter	Data Type	Required	Description
id	Integer	(Id, stockid, or dealerid must be used)	The unique identifier for the product.
stockid	String	(Id, stockid, or dealerid must be used)	Identification number given to the product by the seller.
dealerid	String	(Id, stockid, or dealerid must be used)	Identification number given to the product by the manufacturer

Get Request Example:

```xml
<?xml version='1.0'?>
<request>
  <action>get</action>
  <module>product</module>
  <auth>
    <key>812b4ba287f5ee0bc2387233bbf5bbe87fb4ea5df2621d268.80adad45</key>
  </auth>
  <params>
    <id>123456</id>
  </params>
</request>
```

2.3.2 Get Response:

Parameter	Data Type	Group	Required	Description
id	Integer	Response	Yes	Unique identifier of the product.
title	String	Response	Yes	The primary product name displayed to customers
dealerid	String	Response	-	Identification number given to the product by the manufacturer
stockid	String	Response	-	Custom stock identification number displayed to customers.
upc	String	Response	No	12 or 13 digit Universal Product Code
priority	Integer	Response	No	Product Priority 0-999. Default is 500.
cost	String	Response	Yes	Base cost of the item. Used to calculate sales profit. Includes leading $.
price	String	Response	Yes	Normal price of the item (not including sales tax shipping handling). Includes leading $.
saleprice	String	Response	Yes	If set, this will override the "Price" field when a customer purchases the item. The sale price will be displayed in addition to the normal price in product listings. Includes leading $.
hidesaleprice	Boolean	Response	No	Set to 1 to hide the sale price until item is added to cart. Empty if not set.
weight	Decimal(14, 4)	Response	No	Product weight in lbs to use when shipping
height	Decimal(14, 4)	Response	No	Product height in inches to use when shipping
width	Decimal(14, 4)	Response	No	Product width in inches to use when shipping
length	Decimal(14, 4)	Response	No	Product length in inches to use when shipping
condition	Enum	Response	No	Identifies the condition of the product ('New','Used','Refurbished','Antique', 'Remanufactured')
availability	Enum	Response	No	If the availability is set to "Sold" or "Out of Stock", then customers will not be able to purchase this item or add it to their cart. Available options are :'Available','Unique','Out of Stock','Sold','Limited Supply','Inventory','Please Call','Not for Sale'
availabilityRemarks	String	Response	No	This field is to give a description about the products availability. Good for letting customers know how long an item will be out

				of stock, or the amount of time it will be on backorder.
remarks	String	Response	No	Shipping remarks that are displayed on the product description page to customers.
options	Group	Response	No	List of product option configurations that apply to this product. Products with no options configurations will have an empty options group listed.
option	Group	options	No	List of parameters applying to an individual product option configuration that is available for this product.
id	Integer	option	Yes	The unique ID of the specific option configuration for this product. This should align with any order queries for the same option configuration. Every option configuration listed must have an ID associated with it.
name	String	option	No	The name of the specific option configuration for this product. This value may include the parent product's name if indicated in the option configuration.
sku	String	option	No	The sku of the specific option configuration for this product. This value may include the parent product's sku if indicated in the option configuration.
inventory	Integer	option	Yes	The number of items with this option configuration that are currently in inventory. Every option configuration listed must have an inventory value associated with it.
inventory	Integer	Response	No	Current number of items in stock
pageTitle	String	Response	No	Title displayed in browser when viewing product.
description	String	Response	No	HTML enabled short description of the product
extendedDescription	String	Response	No	HTML enabled longer description of the product. Displayed after the images on the product page.
tags	String	Response	No	Keywords added on the product page.
tieredPricing	Group	Response	No	Enclosing tag for tiered pricing group tags.
priceGroup	Group	tieredPricing	No	Customer group information for the price tiers.
restrict	Boolean	priceGroup	No	If set to 1 customers in this group can only buy this product in the quantities set in the tiers.

groupId	Integer	priceGroup	No	Customer group id for the containing price tiers. (if there is no group id then the tier is for all users)
groupName	String	priceGroup	No	Name of the customer group for the containing price tiers (if there is no groupName the tier is for all users)
priceTiers	Group	priceGroup	Yes	Enclosing tag for the tiers for the customer group
tier	Group	priceTiers	Yes	Enclosing tag for each individual tier for the customer group
price	Decimal(12, 2)	tier	Yes	Price for this tier
quantity	Integer	tier	Yes	Number of units sold for the price in this tier.
handling	Decimal(12, 2)	Response	No	Handling charged for the product if set
requiresShipping	String	Response	No	A boolean value indicating whether or not the product requires shipping <empty> = No 0 = No 1 = Yes
freeGroundShipping	Integer	Response	No	A multi-value field to determine if the product receives free shipping. This field has the following settings: 0 = Use System configuration settings 1 = Yes, Free Shipping 2 = No, Free Shipping
ownBox	Boolean	Response	No	If set, a boolean value if the product has its own Box. <empty> = No 0 = No 1 = Yes
quoteShipping	Boolean	Response	No	If set, a boolean value if the product is set to quote shipping costs <empty> = No 0 = No 1 = Yes
emailNotes	String	Response	No	These notes are included in the order emails sent to the customer. Allowed tags: <p> <strong><b><em><i>
hidden	Boolean	Response	No	A boolean value if the product is hidden from display in the store catalog <empty> = No 1 = Yes
fees	Group	Response	No	Enclosing tag for the (optional) product fees.
fee	Group	fees	No	Enclosing tag for a single product fee
feeValue	Decimal(12, 2)	fee	No	The amount of the product fee to charge per

				product.
feeLabel	String	fee	No	Label that appears with the amount entered in the feeValue. This value will be displayed in the cart, checkout, and admin of the order.
returnFirstValue	Boolean	fee	No	If customers get the ability to send in their core before the new product is shipped. When this is enabled and the customer makes the selection they will not be charged the Core charge (feeValue) amount. 1 = Yes 0 = No
returnFirstLabel	String	fee	No	The message customers see when returnFirstValue == 1. If Return First is enabled and no label is entered, a default label of "Return product first" will appear.
sku	String	fee	No	SKU / stock number that is used for this fee charge.

Get Response Example:

Success

```xml
<?xml version='1.0'?>
<Response>
  <id>123455</id>
  <title>Test Title of the Product</title>
  <dealerid />
  <stockid>12345678910</stockid>
  <cost>$0.00</cost>
  <price>$25.00</price>
  <saleprice>$0.00</saleprice>
  <hidesaleprice />
  <condition>New</condition>
  <availability>AVAILABLE</availability>
  <availabilityRemarks>Product Availability Remarks</availabilityRemarks>
  <inventory>0</inventory>
  <options>
    <option>
      <id>123</id>
      <name>Small, Red</name>
      <sku>1234567890SMR</sku>
      <inventory>12</inventory>
    </option>
    <option>
      <id>456</id>
      <name>Large, Green</name>
      <sku>1234567890LGG</sku>
```

```xml
      <inventory>21</inventory>
    </option>
  </options>
  <tieredPricing>
    <priceGroup>
      <priceTiers>
        <tier>
          <price>25.00</price>
          <quantity>1</quantity>
        </tier>
        <tier>
          <price>24.00</price>
          <quantity>2</quantity>
        </tier>
        <tier>
          <price>23.00</price>
          <quantity>3</quantity>
        </tier>
        <tier>
          <price>22.00</price>
          <quantity>4</quantity>
        </tier>
        <tier>
          <price>21.50</price>
          <quantity>5</quantity>
        </tier>
      </priceTiers>
    </priceGroup>
    <priceGroup>
      <restrict>1</restrict>
      <groupId>1</groupId>
      <groupName>Name Of Group</groupName>
      <priceTiers>
        <tier>
          <price>23.00</price>
          <quantity>1</quantity>
        </tier>
        <tier>
          <price>21.00</price>
          <quantity>3</quantity>
        </tier>
        <tier>
          <price>20.00</price>
          <quantity>4</quantity>
        </tier>
        <tier>
          <price>19.50</price>
```

```xml
        <quantity>5</quantity>
      </tier>
    </priceTiers>
  </priceGroup>
</tieredPricing>
<fees>
  <fee>
    <feeValue>21.99</feeValue>
    <feeLabel>Supplies fee</feeLabel>
    <returnFirstValue>0</returnFirstValue>
    <returnFirstLabel />
    <sku>AB-12</sku>
  </fee>
  <fee>
    <feeValue>1001.99</feeValue>
    <feeLabel>Core charge</feeLabel>
    <returnFirstValue>1</returnFirstValue>
    <returnFirstLabel>Return first</returnFirstLabel>
    <sku>AB-14</sku>
  </fee>
</fees>
<handling>50.00</handling>
<requiresShipping>1</requiresShipping>
<freeGroundShipping>2</freeGroundShipping>
<ownBox>1</ownBox>
<quoteShipping>0</quoteShipping>
<emailNotes>These are your email notes.</emailNotes>
</Response>
```

Failure

```xml
<?xml version='1.0'?>
<Response>
  <Status>
    <Code>500.3</Code>
    <Message>This product was unable to be located. (Product ID: 1)</Message>
  </Status>
</Response>
```

2.4 Action: GetIDs

This action obtains a list of product IDs that match the supplied query. The response message has a maximum response limit of 50,000 IDs, if your request generates more than this amount, multiple calls are required.

2.4.1 GetIDs Request:

Parameter	Data Type	Group	Required	Description
query	Group	request		The unique identifier for the product.
condition	Group	query		A condition within a query that must match a product for it to be returned in the result. Only 1 condition can sent in a query.
params	Group	request	No	Add additional params as attributes to the product id. Currently available options are; stockid
page	Integer	condition		Specifies the page of data to retrieve.
timeupdated	Group	condition		A time range that matches when a product was last updated.
timeadded	Group	condition		A time range that matches a product's added time. **Note:** This field may not correspond to when a product was actually added to the database since it is an editable field in the WSM admin interface.
start	String (YYYY-MM-DD hh:mm:ss)	timeupdated, timeadded	Yes	The beginning date and time (inclusive) to use when querying records. Must be before the end time parameter. Timezone is America/Los_Angeles.
end	String (YYYY-MM-DD hh:mm:ss)	timeupdated, timeadded	Yes	The ending date and time (inclusive) to use when querying records. Must be after the start time parameter. Timezone is America/Los_Angeles.

GetIDs Request Example:

```xml
<?xml version='1.0'?>
<request>
  <action>getids</action>
  <module>product</module>
  <auth>
    <key>812b4ba287f5ee0bc2387233bbf5bbe87fb4ea5df2621d268.80adad45</key>
  </auth>
  <query>
    <condition>
      <timeupdated>
        <start>2018-01-01 00:00:00</start>
```

```
      <end>2018-12-01 16:43:12</end>
    </timeupdated>
    <page>2</page>
  </condition>
 </query>
</request>
```

2.4.2 GetIDs Response:

Parameter	Data Type	Group	Required	Description
Status	Group	Response	Yes	
Code	Integer	Status	Yes	Return code for the request See appendix 1.0 for valid codes
Message	String	Status	No	When a request fails this will contain a human-readable error message
Page	Group	Response	No	Contains information on results pagination
Current	Integer	Page	No	The current page of data being returned
Previous	Integer	Page	No	The previous page of data, if applicable.
Next	Integer	Page	No	The next page of data, if applicable.
Products	Group	Response	No	Contains the found WSM Product IDs
ProductID	Integer	Products	No	Unique identifier of the product.

GetIDs Response Example:

Success (with products)
```
<?xml version='1.0'?>
<Response>
  <Status>
    <Code>200</Code>
    <Message>Results exceed 50000 record maximum. Page 1 of results
            Returned.
    </Message>
  </Status>
  <Page>
    <Current>2</Current>
```

```xml
      <Previous>1</Previous>
      <Next>3</Next>
   </Page>
   <Products>
     <ProductID>12345</ProductID>
     <ProductID>67890</ProductID>
   </Products>
</Response>
```

Success (with NO products)

```xml
<?xml version='1.0'?>
<Response>
   <Status>
     <Code>200</Code>
   </Status>
   <Products />
</Response>
```

Failure

```xml
<?xml version='1.0'?>
<Response>
   <Status>
     <Code>403</Code>
     <Message>Unauthorized Access. The API Request URL does not match the
authenticated request parameter 'action' or 'module' name.</Message>
   </Status>
</Response>
```

2.5 Action: GetBulk

This action obtains selected detailed information for the supplied list of products.

2.5.1 GetBulk Request:

Parameter	Data Type	Group	Required	Description
params	Group	request	No	Defines the product attribute data you want returned in the response message for the WSM product IDs in the Request. The product ID will always be returned. If no parameters are supplied, results will be returned with ALL parameters.
dealerid	XML Element	params	No	Identification number given to the product by the manufacturer

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stockid	XML Element	params	No	Identification tag given to the product by the seller
title	XML Element	params	No	The name of the product
price	XML Element	params	No	Normal price of the item (not including sales tax shipping handling).
condition	XML Element	params	No	The condition of the product. Available options are: 'New','Used','Refurbished','Antique','Remanufactured'
availability	XML Element	params	No	If the availability is set to "Sold" or "Out of Stock", then customers will not be able to purchase this item or add it to their cart. available options are :'AVAILABLE','UNIQUE','OUT_OF_STOCK','SOLD','LIMITED_SUPPLY', 'INVENTORY','PLEASE_CALL','NOT_FOR_SALE' (must be UPPERCASE)
upc	XML Element	params	No	The product's universal product code. Must be 12-13 digit.
priority	XML Element	params	No	Product Priority 0-999. Default is 500.
cost	XML Element	params	No	Base cost of the item. Used to calculate sales profit
saleprice	XML Element	params	No	If set, this will override the "Price" field when a customer purchases the item. The sale price will be displayed in addition to the normal price in product listings
weight	XML Element	params	No	Weight of product in lbs
height	XML Element	params	No	Height of product in inches
length	XML Element	params	No	Length of product in inches
width	XML Element	params	No	Width of product in inches
pageTitle	XML Element	params	No	Page title displayed in the browser window
description	XML Element	params	No	HTML enabled short description of the product
extendedDescription	XML Element	params	No	HTML enabled long description of the product
metaKeywords	XML Element	params	No	

metaDescription	XML Element	params	No	
tags	XML Element	params	No	Product search keywords
availabilityRemarks	XML Element	params	No	This field is to give a description about the product's availability. Good for letting customers know how long an item will be out of stock, or the amount of time it will be on backorder.
remarks	XML Element	params	No	Shipping remarks that are displayed on the product description page to customers.
options	XML Element	params	No	XML group including information (id, name, sku, inventory) regarding product option configurations.
inventory	XML Element	params	No	Current number of items in stock
handling	XML Element	params	No	Handling charged for the product
requiresShipping	XML Element	params	No	A Boolean value stating whether or not the product requires shipping: ● 0 = No ● 1 = Yes
freeGroundShipping	XML Element	params	No	A multi-value field to determine if the product is allowed to be shipped via free ground shipping. This field has the following settings: ● 0 = Use System configuration settings ● 1 = Yes, allow free ground shipping if offered ● 2 = No, this product should never be shipped via free ground shipping
ownBox	XML Element	params	No	A Boolean value that indicates that the product will be considered to have its own shipping box when calculating shipping charges. This only affects UPS and FedEx rates. ● 0 = No ● 1 = Yes
quoteShipping	XML Element	params	No	A Boolean value that indicates the customer should only be able to quote shipping costs when this item is included in an order. ● 0 = No ● 1 = Yes
emailNotes	String	params	No	These notes are included in the order emails sent to the customer. Allowed tags: <p> <strong><b><em><i>
products	Group	request	Yes	
productid	Integer	products	Yes	The WSM Product ID you want to retrieve

				information on

GetBulk Request Examples:

```xml
<?xml version='1.0'?>
<request>
  <action>getbulk</action>
  <module>product</module>
  <auth>
    <key>812b4ba287f5ee0bc2387233bbf5bbe87fb4ea5df2621d268.80adad45</key>
  </auth>
  <params>
    <stockid />
    <price />
    <availability />
    <options />
  </params>
  <products>
    <productid>12345</productid>
    <productid>67890</productid>
  </products>
</request>
```

```xml
<?xml version='1.0'?>
<request>
  <action>getbulk</action>
  <module>product</module>
  <auth>
    <key>812b4ba287f5ee0bc2387233bbf5bbe87fb4ea5df2621d268.80adad45</key>
  </auth>
  <products>
    <productid>12345</productid>
    <productid>67890</productid>
  </products>
</request>
```

2.5.2 GetBulk Response:

GetBulk will return a list of products that were successfully located in the database. If a product ID does not exist, it will not show up in the list of products in the response.

Parameter	Data Type	Group	Required	Description
Status	Group	Response	Yes	
Code	Integer	Status	Yes	Return code for the request See appendix 1.0 for valid codes
Message	String	Status	No	When a request fails this will contain a human readable error message
Products	Group	Resposne		
Product	Group	Products		
id	Integer	Product	Yes	Unique WSM product identifier. This value will always be returned, even if it is not specified in the Request message.
title	String	Product	No	The name of the product
price	Decimal(12,2)	Product	No	Normal price of the item (not including sales tax shipping handling).
condition	Enum	Product	No	The condition of the product. Available options are: 'New','Used','Refurbished','Antique','Remanufactured'
availability	Enum	Product	No	If the availability is set to "Sold" or "Out of Stock", then customers will not be able to purchase this item or add it to their cart. available options are :'AVAILABLE','UNIQUE','OUT_OF_STOCK','SOLD','LIMITED_SUPPLY','INVENTORY','PLEASE_CALL','NOT_FOR_SALE' (must be UPPERCASE)
upc	Integer	Product	No	The product's universal product code. Must be 12-13 digit.
dealerid	String	Product	No	Identification number given to the product by the manufacturer Can not be changed, not compatible with dealerid or productid, If multiple products have the same dealerid only one will be updated
priority	Integer	Product	No	Product Priority 0-999. Default is 500.
stockid	String	Product	No	Custom stock identification number displayed to customers. Can not be changed, not compatible with stockid or productid.If multiple products have the same stockid only one will be update
cost	Decimal(12,2)	Product	No	Base cost of the item. Used to calculate sales profit
saleprice	Decimal(12, 2)	Product	No	If set, this will override the "Price" field when a customer purchases the item. The sale price will be displayed in addition to the

				normal price in product listings
weight	Decimal(14, 4)	Product	No	Weight of product in lbs
height	Decimal(14, 4)	Product	No	Height of product in inches
length	Decimal(14, 4)	Product	No	Length of product in inches
width	Decimal(14, 4)	Product	No	Width of product in inches
pageTitle	String	Product	No	Page title displayed in the browser window
description	String	Product	No	HTML enabled short description of the product
extendedDescription	String	Product	No	HTML enabled long description of the product
metaKeywords	String	Product	No	
metaDescription	String	Product	No	
tags	String	Product	No	Product search keywords
availabilityRemarks	String	Product	No	This field is to give a description about the products availability. Good for letting customers know how long an item will be out of stock, or the amount of time it will be on backorder.
remarks	String	Product	No	Shipping remarks that are displayed on the product description page to customers.
inventory	Integer	Product	No	Current number of items in stock
handling	Decimal(12, 2)	Product	No	Handling charged for the product
requiresShipping	Boolean	Product	No	A Boolean value stating whether or not the product requires shipping: ● 0 = No ● 1 = Yes
freeGroundShipping	Integer	Product	No	A multi-value field to determine if the product is allowed to be shipped via free ground shipping. This field has the following settings: ● 0 = Use System configuration settings ● 1 = Yes, allow free ground shipping if offered ● 2 = No, this product should never be shipped via free ground shipping
ownBox	Boolean	Product	No	A Boolean value that indicates that the product will be considered to have its own shipping box when calculating shipping charges. This only affects UPS and FedEx rates. ● 0 = No ● 1 = Yes

quoteShipping	Boolean	Product	No	A Boolean value that indicates the customer should only be able to quote shipping costs when this item is included in an order. • 0 = No • 1 = Yes
emailNotes	String	Product	No	These notes are included in the order emails sent to the customer. Allowed tags: <p> <strong><b><em><i>

GetBulk Response Example:

Success

```xml
<?xml version='1.0'?>
<Response>
  <Status>
    <Code>200</Code>
  </Status>
  <Products>
    <Product>
      <id>12345</id>
      <stockid>abc123</stockid>
      <price>110.00</price>
      <availability>AVAILABLE</availability>
      <options>
        <option>
          <id>123</id>
          <name>Small, Red</name>
          <sku>1234567890SMR</sku>
          <inventory>12</inventory>
        </option>
      </options>
    </Product>
    <Product>
      <id>67890</id>
      <stockid>xyz789</stockid>
      <price>1250.50</price>
      <availability>NOT_FOR_SALE</availability>
      <options />
    </Product>
  </Products>
</Response>
```

Failure

2.6 Action: Edit

2.6.1 Edit Request:
Multiple <product> entries can be included in a single edit request.

Parameter	Data Type	Group	Required	Description
product	Group	request	Yes	Enclosing tag for the product
parameters	Group	product	Yes	Enclosing tag for all the attributes of a product
productid	Integer	parameters	1 of 3	First choice to lookup the product based on this unique identifier of the product. Value will not be changed, strictly READ-ONLY to identify the product to edit.
dealerid	String	parameters	1 of 3	Second choice (if productid is not present or are unsuccessful) to lookup the product based on this unique Identification number given to the product by the manufacturer. Value will not be changed, strictly READ-ONLY to identify the product to edit. If multiple products have the same dealerid only one will be updated.
stockid	String	parameters	1 of 3	Third choice (if productid and dealerid are not present or are unsuccessful) to lookup the product based on this custom stock identification number displayed to customers. Value will not be changed, strictly READ-ONLY to identify the product to edit. If multiple products have the same stockid only one will be updated.
optionconfigid	Integer	parameters	No	The option configuration ID that applies to this product. Setting this will make the inventory value below apply to the option configuration associated with this product. All of the other values edited will apply to the product itself.
upc	Integer	parameters	No	The product's universal product code. Must be 12-13 digit.
title	String	parameters	No	The name of the product
priority	Integer	parameters	No	Product Priority 0-999. Default is 500.
cost	Decimal(12, 2)	parameters	Yes	Base cost of the item. Used to calculate sales profit
price	Decimal(12, 2)	parameters	Yes	Normal price of the item (not including sales tax shipping handling).
saleprice	Decimal(12, 2)	parameters	Yes	If set, this will override the "Price" field when a customer purchases the item. The sale price will be displayed in addition to the normal price in product listings

hidesaleprice	Boolean	parameters	No	Set to 1 to hide the sale price until item is added to cart. Empty if not set.
weight	Decimal(14, 4)	parameters	No	Weight of product in lbs
height	Decimal(14, 4)	parameters	No	Height of product in inches
length	Decimal(14, 4)	parameters	No	Length of product in inches
width	Decimal(14, 4)	parameters	No	Width of product in inches
pageTitle	String	parameters	No	Page title displayed in the browser window
description	String	parameters	No	HTML enabled short description of the product
extendedDescription	String	parameters	No	HTML enabled long description of the product
tags	String	parameters	No	Product search keywords
condition	String	parameters	No	The condition of the product. Available options are: 'New','Used','Refurbished','Antique','Remanufactured'
availability	Enum	parameters	No	If the availability is set to "Sold" or "Out of Stock", then customers will not be able to purchase this item or add it to their cart. available options are :'AVAILABLE','UNIQUE','OUT_OF_STOCK','SOLD','LIMITED_SUPPLY','INVENTORY','PLEASE_CALL','NOT_FOR_SALE' (must be UPPERCASE)
availabilityRemarks	String	parameters	No	This field is to give a description about the products availability. Good for letting customers know how long an item will be out of stock, or the amount of time it will be on backorder.
inventory	Integer	parameters	No	Current number of items in stock. If the optionconfigid value is set, the inventory edited here will apply to the option configuration indicated, NOT the product itself.
handling	Decimal(12, 2)	parameters	No	Handling charged for the product
requiresShipping	Boolean	parameters	No	A Boolean value stating whether or not the product requires shipping: ● 0 = No ● 1 = Yes
freeGroundShipping	Integer	parameters	No	A multi-value field to determine if the product receives free shipping. This field has the following settings: ● 0 = Use System configuration settings

				• 1 = Yes, Free Shipping • 2 = No, Free Shipping
ownBox	Boolean	parameters	No	A Boolean value if the product has its own Box: • 0 = No • 1 = Yes
quoteShipping	Boolean	parameters	No	A Boolean value if the product is set to quote shipping costs: • 0 = No • 1 = Yes
emailNotes	String	parameters	No	These notes are included in the order emails sent to the customer. Allowed tags: <p> <strong><b><em><i>
hidden	Boolean	parameters	No	A Boolean value indicating that the product is either hidden or not: • 0 = No • 1 = Yes
tieredPricing	Group	parameters	No	Enclosing tag for tiered pricing group tags.
priceGroup	Group	tieredPricing	No	Customer group information for the price tiers.
restrict	Boolean	priceGroup	No	If set to 1 customers in this group can only buy this product in the quantities set in the tiers.
groupId	Integer	priceGroup	No	Customer group id for the containing price tiers. (if there is no group id then the tier is for all users)
groupName	String	priceGroup	No	Name of the customer group for the containing price tiers (if there is no groupName the tier is for all users)
priceTiers	Group	priceGroup	Yes	Enclosing tag for the tiers for the customer group
tier	Group	priceTiers	Yes	Enclosing tag for each individual tier for the customer group
price	Decimal(12, 2)	tier	Yes	Price for this tier
quantity	Integer	tier	Yes	Number of units sold for the price in this tier.

Edit Request Example:

```xml
<?xml version='1.0'?>
<request>
  <action>edit</action>
  <module>product</module>
  <auth>
```

```xml
    <key>812b4ba287f5ee0bc4523453bbf5bbe87fb4ea5df2621d268.8adsad145</key>
</auth>
<product>
  <parameters>
    <productid>2878165</productid>
    <optionconfigid>12</optionconfigid>
    <upc>612345678906</upc>
    <title>Fancy New Product</title>
    <dealerid>Dealer123</dealerid>
    <stockid>Sku123</stockid>
    <priority>499</priority>
    <cost>10.99</cost>
    <price>15.99</price>
    <saleprice>9.99</saleprice>
    <hidesaleprice>1</hidesaleprice>
    <weight>99.999</weight>
    <height>10</height>
    <length>12.34</length>
    <width>123.4456</width>
    <pageTitle>A big page title!</pageTitle>
    <description><![CDATA[<b>Great New Product!</b>]]></description>
    <extendedDescription>More Description</extendedDescription>
    <tags>Tag1</tags>
    <condition>New</condition>
    <availability>UNIQUE</availability>
    <availabilityRemarks>Rarely in stock.</availabilityRemarks>
    <inventory>3</inventory>
    <handling>50.00</handling>
    <requiresShipping>1</requiresShipping>
    <freeGroundShipping>2</freeGroundShipping>
    <ownBox>1</ownBox>
    <quoteShipping>0</quoteShipping>
    <hidden>0</hidden>
    <emailNotes>These are your email notes.</emailNotes>
    <tieredPricing>
      <priceGroup>
        <restrict>1</restrict>
        <groupId>4</groupId>
        <groupName>Dealers</groupName>
        <priceTiers>
          <tier>
            <price>250.00</price>
            <quantity>1</quantity>
          </tier>
        </priceTiers>
      </priceGroup>
      <priceGroup>
```

```xml
        <priceTiers>
          <tier>
            <price>130.00</price>
            <quantity>3</quantity>
          </tier>
          <tier>
            <price>130.00</price>
            <quantity>1</quantity>
          </tier>
        </priceTiers>
      </priceGroup>
    </tieredPricing>
  </parameters>
</product>
</request>
```

2.6.2 Edit Response:

Parameter	Data Type	Group	Required	Description
Status	Group	Response	Yes	
Code	Integer	Status	No	Return code for the request See appendix 1.0 for valid codes
Message	String	Status	Yes	When a request fails this will contain a human readable error message
Products	Group	Response	Yes	Collection of import statuses for each product
Product	Group	Products	No	
StockID	String	Product	No	Stock ID provided in the request
ProductID	Integer	Product	No	Product ID provided in the request
DealerID	String	Product	No	Dealer ID provided in the request
Status	String	Product	No	Status of the product import: ● Updated - product updated ● Noop - No operation needed, data unchanged ● Missing - Product not found in WSM database

Edit Response Example:

```xml
<?xml version='1.0'?>
<Response>
  <Status>
    <Message>Successfully save 2878165. </Message>
  </Status>
  <Products>
    <Product>
      <ProductID>2878165</ProductID>
      <Status>Updated</Status>
    </Product>
  </Products>
</Response>
```

2.7 Action: Add

2.7.1 Add Request:

Multiple products may be added in a given request by adding multiple <product> elements. Order of parameters does not matter.

Parameter	Data Type	Group	Required	Description
product	Group	request	Yes	Enclosing tag for the product
requestid	String	product	Yes	An identifying string that will be used by the response to indicate success or failure for this product. This value may be a hash, UUID, stockid, or some other value, but for best results, this should be unique among all products being submitted in a multi-product add request.
title	String	product	Yes	The name of the product
price	Decimal(12,2)	product	Yes	Normal price of the item (not including sales tax shipping handling).
condition	Enum	product	Yes	The condition of the product. Available options are: 'New','Used','Refurbished','Antique','Remanufactured'
availability	Enum	product	Yes	If the availability is set to "Sold" or "Out of Stock", then customers will not be able to purchase this item or add it to their cart. available options are :'AVAILABLE','UNIQUE','OUT_OF_STOCK','SOLD','LIMITED_SUPPLY','INVENTORY','PLEASE_CALL','NOT_FOR_SALE' (must be UPPERCASE)
upc	Integer	product	No	The product's universal product code. Must be 12-13 digit.
dealerid	String	product	No	Identification number given to the product by the manufacturer Can not be changed, not compatible with dealerid or productid, If multiple products have the same dealerid only one will be updated
priority	Integer	product	No	Product Priority 0-999. Default is 500.
stockid	String	product	No	Custom stock identification number displayed to customers. Can not be changed, not compatible with stockid or productid.If multiple products have the same stockid only one will be update
cost	Decimal(12, 2)	product	No	Base cost of the item. Used to calculate sales profit
saleprice	Decimal(12, 2)	product	No	If set, this will override the "Price" field when a customer purchases the item. The sale price will be displayed in addition to the normal price in product listings

weight	Decimal(14, 4)	product	No	Weight of product in lbs
height	Decimal(14, 4)	product	No	Height of product in inches
length	Decimal(14, 4)	product	No	Length of product in inches
width	Decimal(14, 4)	product	No	Width of product in inches
pageTitle	String	product	No	Page title displayed in the browser window
description	String	product	No	HTML enabled short description of the product
extendedDescription	String	product	No	HTML enabled long description of the product
metaKeywords	String	product	No	
metaDescription	String	product	No	
tags	String	product	No	Product search keywords
availabilityRemarks	String	product	No	This field is to give a description about the products availability. Good for letting customers know how long an item will be out of stock, or the amount of time it will be on backorder.
remarks	String	product	No	Shipping remarks that are displayed on the product description page to customers.
inventory	Integer	product	No	Current number of items in stock
handling	Decimal(12, 2)	product	No	Handling charged for the product
requiresShipping	Boolean	product	No	A Boolean value stating whether or not the product requires shipping: • 0 = No • 1 = Yes
freeGroundShipping	Integer	product	No	A multi-value field to determine if the product is allowed to be shipped via free ground shipping. This field has the following settings: • 0 = Use System configuration settings • 1 = Yes, allow free ground shipping if offered • 2 = No, this product should never be shipped via free ground shipping
ownBox	Boolean	product	No	A Boolean value that indicates that the product will be considered to have its own shipping box when calculating shipping charges. This only affects UPS and FedEx rates. • 0 = No • 1 = Yes
quoteShipping	Boolean	product	No	A Boolean value that indicates the customer should only be able to quote shipping costs when this item is included in an order. • 0 = No • 1 = Yes

emailNotes	String	product	No	These notes are included in the order emails sent to the customer. Allowed tags: <p> <strong><b><em><i>

Add Request Example:

```xml
<?xml version='1.0'?>
<request>
  <action>add</action>
  <module>product</module>
  <auth>
    <key>812b4ba287f5ee0bc4523453bbf5bbe87fb4ea5df2621d268.8adsad145</key>
  </auth>
  <product>
    <requestid>94b2149d-5598-4a0f-afb8-3623f5f8bfe3</requestid>
    <title>This is an example product title </title>
    <condition>New</condition>
    <price>99.99</price>
    <availability>AVAILABLE</availability>
    <stockid>123example456</stockid>
    <dealerid>789ExDealId</dealerid>
    <upc>712345678904</upc>
    <priority>490</priority>
    <cost>43.62</cost>
    <saleprice>39.99</saleprice>
    <weight>12.3456</weight>
    <height>12</height>
    <length>18</length>
    <width>6.5</width>
    <pageTitle>Example Product</pageTitle>
    <description>This describes an example product.</description>
    <inventory>12</inventory>
    <handling>4.99</handling>
    <requiresShipping>1</requiresShipping>
    <freeGroundShipping>2</freeGroundShipping>
    <ownBox>1</ownBox>
    <quoteShipping>1</quoteShipping>
  </product>
  <product>
    <requestid>66916216511cb09e5f31bbbf5775e9ce</requestid>
    <title>This is another example product title </title>
    <condition>Refurbished</condition>
    <price>10.99</price>
    <availability>UNIQUE</availability>
    <stockid>Sample123</stockid>
    <dealerid>890ExDealId</dealerid>
```

```xml
    <upc>709876543214</upc>
    <priority>510</priority>
    <cost>1.52</cost>
    <saleprice>8.99</saleprice>
    <weight>10.3</weight>
    <height>4.0</height>
    <length>6.0</length>
    <width>6</width>
    <pageTitle>Second Example Product</pageTitle>
    <description>This describes another example product.</description>
    <inventory>12</inventory>
    <handling>4.99</handling>
    <requiresShipping>0</requiresShipping>
    <freeGroundShipping>0</freeGroundShipping>
    <ownBox>0</ownBox>
    <quoteShipping>0</quoteShipping>
    <emailNotes>These are your email notes.</emailNotes>
    </product>
</request>
```

2.7.2 Add Response:

Parameter	Data Type	Group	Required	Description
Status	Group	Response	Yes	
Code	Integer	Status	Yes	Return code for the request See appendix 1.0 for valid codes
Message	String	Status	No	A human-readable error or success message
Products	Group	Response	No	Collection of import statuses for each product
Product	Group	Products	No	Collection of individual product data
RequestID	String	Product	Yes	The requestid field that was submitted with the product in the request. This is used to identify the results of the work for a product with the original request.
ProductID	Integer	Product	No	WSM Product ID created during the request if successful
StockID	String	Product	No	Stock ID provided in the request
DealerID	String	Product	No	Dealer ID provided in the request
Status	String	Product	Yes	Status of the product creation: ● "Created" - Product was created ● "Failed" - Product failed to be created
Message	String	Product	No	An optional human-readable message regarding the status of the specific product request.

Add Response Example:

Success

```xml
<?xml version='1.0'?>
<Response>
  <Status>
    <Code>200</Code>
    <Message>Request completed for 2 products.</Message>
  </Status>
  <Products>
    <Product>
      <RequestID>94b2149d-5598-4a0f-afb8-3623f5f8bfe3</RequestID>
      <ProductID>2878165</ProductID>
      <StockID>123example456</StockID>
      <DealerID>789ExDealId</DealerID>
      <Status>Created</Status>
      <Message>Successfully completed RequestID:
```

```xml
94b2149d-5598-4a0f-afb8-3623f5f8bfe3</Message>
    </Product>
    <Product>
       <RequestID>66916216511cb09e5f31bbbf5775e9ce</RequestID>
       <StockID>Sample123</StockID>
       <DealerID>890ExDealId</DealerID>
       <Status>Failed</Status>
    </Product>
  </Products>
</Response>
```

Failure

```xml
<?xml version='1.0'?>
<Response>
  <Status>
    <Code>400.2</Code>
    <Message>Malformed XML Request (Opening and ending tag mismatch: FOOBAR line 7
and product, Opening and ending tag mismatch: product line 6 and request, Premature
end of data in tag request line 2)</Message>
  </Status>
</Response>
```

Appendices

Appendix 1.0

Response Codes

Code	Description
200	Success
202	Accepted
400	Bad Request
400.1	Unexpected XML request
400.1b	Status not supported
400.1b	Problem with Tracking numbers
400.1a	Invalid order ID
400.2	Malformed XML Request
403	Forbidden
403.1	Unable to authenticate this API key for this request
403.2	The API key was not valid for requests against this API
403.3	The API key was not valid for requests against this API
404	Not found
404.1a	Order not found
405	Method not allowed
408	Request timeout
500	Internal server error
500.1	Invalid input type
500.2	Internal server error
500.3	Invalid input parameters
500.5	Invalid input type
500.6	Internal server error