



# Guide to using the Amazon Inventory Management API

## Abstract

The Amazon Inventory Management (AIM) API provides a secure and automated method to upload inventory and manage orders on Amazon.com Marketplace, zShops and Seller Central. This guide provides a detailed description of this API.

**Please Note:** To use the AIM APIs you must be a registered Pro-Merchant on an Amazon Marketplace, or an upgraded seller for Seller Central.

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07/09/07

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# 1 Introduction

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## 1.1 Amazon Inventory Management (AIM) API

Amazon Inventory Management API provides a secure and automated method to upload inventory and manage orders on Amazon.com Marketplace, or on Seller Central for upgraded accounts. Sellers can use the API to execute the following operations:

- Upload Inventory
- Generate and download Order Reports
- Issue Bulk Refunds
- Generate and download Open Listings Reports
- Query status of uploads and reports

These APIs can be accessed by using HTTPS POST requests and the results are returned as XML responses.

## 1.2 Security

The APIs are available via a standard HTTPS interface and utilize the underlying SSL protocol for secure transmission of data. The identity of the seller will be verified using the HTTP Basic Authentication Scheme. The seller will provide his or her e-mail address and password in the HTTPS header, encoded using base64. For example, the user name "Aladdin" and password "open sesame" would be combined as "Aladdin:open sesame" – which is equivalent to QWxhZGRpbjpvGVuIHNlc2FtZQ== when encoded in base-64 [7 bit]. This is provided as an HTTP header that looks like the following:

```
Authorization: Basic QWxhZGRpbjpvGVuIHNlc2FtZQ==
```

### 1.3 Automation and Structure of the APIs

Since the APIs are available via standard HTTP(S) requests, any HTTPS client can be used to communicate with the AIM server. In addition to the *Authorization* header, the following two additional headers are required for every AIM request:

**Content-Type:** text/xml

**Cookie:** x-main=YvjPkwfntqDKun0QEmVRPcTTZDMe?Tn?; ubid-main=002-8989859-9917520; ubid-tacbus=019-5423258-4241018;x-tacbus=vtm4d53DvX@Sc9LxTnAnxsFL3DorwxJa; ubid-tcmacb=087-8055947-0795529; ubid-ty2kacbus=161-5477122-2773524; session-id=087-178254-5924832; session-id-time=950660664

Please note that for Seller Central AIM calls, cookies are not mandated.

AIM functions are invoked as simple HTTPS POST requests. Each request contains the following parts:

**URL:** This determines the function being invoked

**HTTP Headers:** These are used to provide parameters for the request.

The following are *required*:

**Authorization** Basic Authentication via HTTP headers

**Content-Type** Must be "text/xml"

**Cookie** This should be as shown below

**Request Body** This is optional and contains the uploaded file

**Request Response:** The Response can be one of the following:

**Downloaded File:** For download requests

**XML Response:** Other responses contain the requested data or Success/Failure responses

**Note:** For Seller Central please use the "merchant-query.amazon.com" endpoint, otherwise use the "secure.amazon.com" endpoint. For details on regional endpoints, look at section 2 below.

An example of a query API for US Marketplace:

**Request:**

```
POST https://secure.amazon.com/exec/panama/seller-admin/manual-reports/get-report-status
Authorization: Basic base64EncodedEmailPasswordString==
Content-Type: text/xml
Cookie: x-main=YvjPkwfntqDKun0QEmVRPcTTZDMe?Tn?; ubid-main=002-8989859-9917520; ubid-tacbus=019-5423258-4241018;x-
tacbus=vtm4d53DvX@Sc9LxTnAnxsFL3DorwxJa; ubid-tcmacb=087-8055947-0795529; ubid-ty2kacbus=161-5477122-2773524; session-
id=087-178254-5924832; session-id-time=950660664
NumberOfReports: 10
ReportName: OpenListingsLite
```

**Response:**

```
HTTP/1.1 202 Accepted
Connection: close
Date: Sun, 24 Oct 2004 22:42:36 GMT
Server: Apache
Content-Length: 1080
Content-Type: text/xml

<Reports>
  <Report>reportstarttime=10-18-2004:10-50-56 reportendtime=10-18-2004:10-50-56 reportid=12345456 </Report>
  <Report>reportstarttime=10-11-2004:15-02-21 reportendtime=10-11-2004:15-02-21 reportid=23664721 </Report>
</Reports>
```

This example shows all components of the API except an attached file. The following sections provide detailed description of all the APIs available via the AIM system.

## 2 Amazon Canada, France, Germany, Japan and UK AIM API URL's

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**PLEASE NOTE:** All URL examples are for the Amazon.com (US) Marketplace. For international platforms and for Seller Central, please substitute the following information in the example URLs.

### Marketplace and SellerCentral

**US URL:** <https://secure.amazon.com/exec/panama/seller-admin/catalog-upload/modify-only>

**Canada:** Replace “.com” with “.ca”

Example: <https://secure.amazon.ca/exec/panama/seller-admin/catalog-upload/modify-only>

**France:** Replace “.com” with “.fr”

Example: <https://secure.amazon.fr/exec/panama/seller-admin/catalog-upload/modify-only>

**Germany:** Replace “.com” with “.de”

Example: <https://secure.amazon.de/exec/panama/seller-admin/catalog-upload/modify-only>

**Japan:** Replace “secure.amazon.com” with “vendornet.amazon.co.jp”

Example: <https://vendornet.amazon.co.jp/exec/panama/seller-admin/catalog-upload/modify-only>

**UK:** Replace “.com” with “.co.uk”

Example: <https://secure.amazon.co.uk/exec/panama/seller-admin/catalog-upload/modify-only>

## 3 Managing Inventory

---

### 3.1 Uploading Inventory Management Files

Sellers can manage their inventory at Amazon.com by uploading files containing data about the items. The items can be added to, modified and deleted from the Amazon.com Marketplace / Seller Central. For convenience three different modes of operation are provided as well as three different URLs for accessing them:

- **Add/Modify/Delete: Limit of 10 MB per file, one file per hour**

A seller should use the Add/Modify/Delete request to upload a batch of Amazon Marketplace and/or zShops or Seller Central listings containing additions, modifications, and/or deletions to their current inventory. Deletions must be marked as such in their template, (with a **d** in the add-delete field) and the system will update changed items to reflect the modifications.

**URL:** <https://{SERVICE-URL}/exec/panama/seller-admin/catalog-upload/add-modify-delete>

- **Modify/Delete: Limit of 10 MB per file, one file per hour**

A seller should use the Modify/Delete request when they want to upload modifications to their current inventory but don't want to supply all of the fields that an Add/Modify/Delete file requires. The field "sku" is required in this upload file, as well as at least one additional field that they are choosing to modify. The allowable fields of modification in the Modify/Delete Only option are price and quantity. Please note: to submit a delete, use the quantity column and enter "0" as the value

**URL:** <https://{SERVICE-URL}/exec/panama/seller-admin/catalog-upload/modify-only>

- **Purge and Replace: For sellers with < 50K listings. Sellers with > 50K listings see [Section 6 : Workflow and Best Practices for the AIM APIs](#)**

A seller should use the Purge and Replace request when they want to completely purge all of their current Amazon Marketplace and/or zShops or Seller Central listings and replace them with a new set of offerings contained in their template

**URL:** <https://{SERVICE-URL}/exec/panama/seller-admin/catalog-upload/purge-replace>

**Note:** Please note that uploads are processed in the order received, one file at a time.

Please refer to the following table to substitute "{SERVICE-URL}" with your appropriate region specific end point.

Region	Marketplace	Seller Central
US	secure.amazon.com	merchant-query.amazon.com
Canada	secure.amazon.ca	Not yet supported
France	secure.amazon.fr	merchant-query.amazon.fr
Germany	secure.amazon.de	merchant-query.amazon.de
Japan	vendornet.amazon.co.jp	Not yet supported
Germany	secure.amazon.de	merchant-query.amazon.de
UK	secure.amazon.co.uk	merchant-query.amazon.co.uk



### 3.1.1 Regional Add/Modify/Delete Templates

The body of the message should include the actual inventory file desired for upload with the required Amazon.com headers and values. The links below will provide you with information on how to build the appropriate regional Add/Modify/Delete template.

- **Amazon.COM Template:** Send a blank email to [uploader-template-request@amazon.com](mailto:uploader-template-request@amazon.com) to receive the template. Alternatively you can view the template at: <http://s1.amazon.com/templates/MyAmazonInventory.xls> or check the following page: <http://www.amazon.com/exec/obidos/tg/browse/-/1161318/>.
- **Amazon.CA Template:** Send a blank email to [uploader-template-request@amazon.ca](mailto:uploader-template-request@amazon.ca) to receive the template. Alternatively, check the following page: <http://www.amazon.ca/exec/obidos/tg/browse/-/10195081/>
- **Amazon.CO.UK Template:** Send a blank email to [uploader-template-request@amazon.co.uk](mailto:uploader-template-request@amazon.co.uk) to receive the template. Alternatively you can view the template at: <http://ec1.images-amazon.com/images/G/02/00/00/00/30/70/82/30708202.xls> or check the following page: <http://www.amazon.co.uk/exec/obidos/tg/browse/-/3149261/>
- **Amazon.DE Template:** Check the following page: <http://www.amazon.de/exec/obidos/tg/browse/-/3366421/>
- **Amazon.FR Template:** Send a blank email to [uploader-template-request@amazon.fr](mailto:uploader-template-request@amazon.fr) to receive the template. Alternatively, check the following page: <http://www.amazon.fr/exec/obidos/tg/browse/-/10385191/>
- **Amazon.JP Template:** Send a blank email to [uploader-template-request@amazon.co.jp](mailto:uploader-template-request@amazon.co.jp) to receive the template. Alternatively, check the following page: <http://www.amazon.co.jp/exec/obidos/tg/browse/-/1085276/>

Add-Modify-Delete: <a href="https://{SERVICE-URL}/exec/panama/seller-admin/catalog-upload/add-modify-delete">https://{SERVICE-URL}/exec/panama/seller-admin/catalog-upload/add-modify-delete</a> Modify-Delete: <a href="https://{SERVICE-URL}/exec/panama/seller-admin/catalog-upload/modify-only">https://{SERVICE-URL}/exec/panama/seller-admin/catalog-upload/modify-only</a> Purge-Replace: <a href="https://{SERVICE-URL}/exec/panama/seller-admin/catalog-upload/purge-replace">https://{SERVICE-URL}/exec/panama/seller-admin/catalog-upload/purge-replace</a>											
Purpose	Header Name	Possible Values	.COM	.CA	.CO.JP	.CO.UK	.DE	.FR	Seller Central All Regions	Notes	
All three operations use the same input parameters	UploadFor	MarketplaceOnly	x	x	x	x	x	x	n/a	Specifies where the items are created	
		Marketplace	x	x	x	x	x	x	n/a		
		zShop	x	n/a	n/a	x	x	x	n/a		
	FileFormat	UIEE	x	x	x	x	x	x	x	Future Support	Used to specify the file format ('TabDelimited' for standard inventory loader and others for loading books)
		TabDelimited	x	x	x	x	x	x	x	x	
		TabDelimitedBooks	x	x	x	x	x	x	x	x	
	enable-expedited-shipping	Y/N	x	x	x	x	x	x	x	n/a	
	AsinMatchCreate	Y/N	x	x	x	x	x	x	x	n/a	Enables asin match and create.
	Asinate	Y/N	x	x	n/a	x	n/a	n/a	n/a	n/a	This allows matching of books
	email	Y/N	x	x	x	x	x	x	x	n/a	Send email confirmation of upload
BatchID	Y/N		n/a	n/a	n/a	n/a	n/a	n/a	n/a	If set to Y, the success response reports the batch id of uploaded feed.	

Response Types		Response	Notes
All three operations have the same responses:	Success	<Success>SUCCESS</Success>	Upload succeeded
	Success	<BatchID>1234567</BatchID>	Upload succeeded. BatchID parameter was set to Y for Seller Central request.
	Error	<BusinessLogicError>CUSTOMER_UNAUTHORIZED</BusinessLogicError>	Authentication failed
	Error	<BusinessLogicError>INVALID_FILE_FORMAT</BusinessLogicError>	Invalid format specified
	Error	<BusinessLogicError>INVALID_LISTING_PROGRAM</BusinessLogicError>	Invalid Program specified

Please refer to the following table to substitute “{SERVICE-URL}” with your appropriate region specific end point.

Region	Marketplace	Seller Central
US	secure.amazon.com	merchant-query.amazon.com
Canada	secure.amazon.ca	Not yet supported
France	secure.amazon.fr	merchant-query.amazon.fr
Germany	secure.amazon.de	merchant-query.amazon.de
Japan	vendornet.amazon.co.jp	Not yet supported
Germany	secure.amazon.de	merchant-query.amazon.de
UK	secure.amazon.co.uk	merchant-query.amazon.co.uk

## 3.2 Checking Inventory Upload Status

These APIs allow sellers to query the status of previously uploaded inventory files. Once a seller has uploaded their inventory on the Amazon.com platform, they may want to check the status of their upload. Each inventory upload (whether it is an Add/Delete/Modify, Delete/Modify or Purge/Replace) has a batch ID associated with it. Sellers can either check the status of multiple batches, or retrieve error logs and/or quick fix files for specific batch IDs

### 3.2.1 Checking Pending Upload Count

This API can be used to determine the number of uploads currently pending (since uploaded files are processed one at a time).

Checking Pending Upload Count: <a href="https://{SERVICE-URL}/exe/panama/seller-admin/manual-reports/get-pending-uploads-count">https://{SERVICE-URL}/exe/panama/seller-admin/manual-reports/get-pending-uploads-count</a>								
No Parameters	.COM	.CA	.CO.JP	.CO.UK	.DE	.FR	Seller Central All Regions	Notes
This API can be used to determine the number of uploads currently pending (since uploaded files are processed one at a time).	x	x	x	x	x	x	x	
Response Types	Response							Notes
Success	<PendingUploadsCount> N </PendingUploadsCount>							The pending uploads count is returned

Please refer to the following table to substitute “{SERVICE-URL}” with your appropriate region specific end point.

Region	Marketplace	Seller Central
US	secure.amazon.com	merchant-query.amazon.com
Canada	secure.amazon.ca	Not yet supported
France	secure.amazon.fr	merchant-query.amazon.fr
Germany	secure.amazon.de	merchant-query.amazon.de
Japan	vendornet.amazon.co.jp	Not yet supported
Germany	secure.amazon.de	merchant-query.amazon.de
UK	secure.amazon.co.uk	merchant-query.amazon.co.uk

### 3.2.2 Checking Upload Status

A seller should use the Upload Status request when they want to find out the status of their latest uploads. Each upload (or “batch”) will return a batch ID, status report, and other information. If the status of a particular batch is negative, the seller can use the batch ID to retrieve an error log or quick fix file. (see below).

Checking Upload Status: <a href="https://{SERVICE-URL}/exe/panama/seller-admin/catalog-upload/get-batches">https://{SERVICE-URL}/exe/panama/seller-admin/catalog-upload/get-batches</a>										
Purpose	Header Name	Possible Values	.COM	.CA	.CO.JP	.CO.UK	.DE	.FR	Seller Central All Regions	Notes
To find the status of the latest inventory uploads	NumberofBatches	[insert number]	x	x	x	x	x	x	x	default number = 10
Response Types		Response								Notes
Success		<pre>&lt;Batches&gt; &lt;Batch&gt;batchid=12345 status=Done dateandtime=10/22/2004 10:47:44 PDT activateditems=20304 numberofwarnings=1 itemsnotactivated=3280 &lt;/Batch&gt; &lt;/Batches&gt;</pre>								An array of batch data is returned

Please refer to the following table to substitute “{SERVICE-URL}” with your appropriate region specific end point.

Region	Marketplace	Seller Central
US	secure.amazon.com	merchant-query.amazon.com
Canada	secure.amazon.ca	Not yet supported
France	secure.amazon.fr	merchant-query.amazon.fr
Germany	secure.amazon.de	merchant-query.amazon.de
Japan	vendornet.amazon.co.jp	Not yet supported
Germany	secure.amazon.de	merchant-query.amazon.de
UK	secure.amazon.co.uk	merchant-query.amazon.co.uk

### 3.2.3 Retrieval of Inventory Upload Error Log

If something goes wrong with a specific inventory upload, the seller can retrieve the upload's Error Log to determine what caused the problem. The Error Log will contain the row number of any applicable error or warning, the SKU, and the item name. It will also contain the message type (status message, data error, template error, etc.) and the message itself. The seller can use this information to fix any errors and re-upload those rows.

Download Error Log: <a href="https://{SERVICE-URL}/exec/panama/seller-admin/download/errorlog">https://{SERVICE-URL}/exec/panama/seller-admin/download/errorlog</a>										
Purpose	Header Name	Possible Values	.COM	.CA	.CO.JP	.CO.UK	.DE	.FR	Seller Central All Regions	Notes
Download Error Log	BatchID	[insert BatchID here]	x	x	x	x	x	x	x	Specify a valid batch id
Response Types		Response							Notes	
Success		The body of the response will contain the requested error log								
Error		<BusinessLogicError>INVALID_BATCH</BusinessLogicError>							BatchID not specified or invalid	
Error		<FileError>FILE_NOT_FOUND</FileError>							The file was not found on the server	

Please refer to the following table to substitute “{SERVICE-URL}” with your appropriate region specific end point.

Region	Marketplace	Seller Central
US	secure.amazon.com	merchant-query.amazon.com
Canada	secure.amazon.ca	Not yet supported
France	secure.amazon.fr	merchant-query.amazon.fr
Germany	secure.amazon.de	merchant-query.amazon.de
Japan	vendornet.amazon.co.jp	Not yet supported
Germany	secure.amazon.de	merchant-query.amazon.de
UK	secure.amazon.co.uk	merchant-query.amazon.co.uk

### 3.2.4 Retrieval of Inventory Upload Quick Fix File

A seller can also retrieve a Quick Fix file if something goes wrong with a particular upload. A Quick Fix file is similar to an Error Log, except that it contains only the error rows that did not get uploaded to the site due to missing required information or inappropriate information.

Download Quick Fix File: <a href="https://{SERVICE-URL}/exec/panama/seller-admin/download/quickfix">https://{SERVICE-URL}/exec/panama/seller-admin/download/quickfix</a>										
Purpose	Header Name	Possible Values	.COM	.CA	.CO.JP	.CO.UK	.DE	.FR	Seller Central All Regions	Notes
Download Quick Fix	BatchID	[insert BatchID here]	x	x	x	x	x	x	Future Support	Specify a valid batch id
Response Types		Response								Notes
Success		The body of the response will contain the requested quick fix file								
Error		<BusinessLogicError>INVALID_BATCH</BusinessLogicError>								BatchID not specified or invalid
Error		<FileError>FILE_NOT_FOUND</FileError>								The file was not found on the server

Please refer to the following table to substitute “{SERVICE-URL}” with your appropriate region specific end point.

Region	Marketplace	Seller Central
US	secure.amazon.com	merchant-query.amazon.com
Canada	secure.amazon.ca	Not yet supported
France	secure.amazon.fr	merchant-query.amazon.fr
Germany	secure.amazon.de	merchant-query.amazon.de
Japan	vendornet.amazon.co.jp	Not yet supported
Germany	secure.amazon.de	merchant-query.amazon.de
UK	secure.amazon.co.uk	merchant-query.amazon.co.uk

## 4 Generating and Retrieving Reports

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Sellers can programmatically request generation of Order Fulfillment and Open Listings Reports and use the APIs to query the status of these reports and to download them. This API can be used to request the generation of an OFR. Once this report is generated (verified by using the get-report-status API), it can be downloaded using the download API.

### 4.1 Report Types

#### 4.1.1 Order Fulfillment Reports

Order fulfillment reports contain information about the orders placed for the Seller's items. These can be regularly scheduled (containing new orders) or manually generated (containing orders in a given period). APIs are provided to request manual generation of order reports and to get the status of all order reports and retrieve them. Once this report is generated (verified by using the get-report-status API), it can be downloaded using the download API.

Order Fulfillment Reports can be **automatically generated** at various intervals using the following link:

<https://sellercentral.amazon.com/gp/SDPSupport/orderReportSchedule-US.html>  
<https://sellercentral-europe.amazon.com/gp/SDPSupport/orderReportSchedule-GB.html>  
<https://sellercentral-europe.amazon.com/gp/SDPSupport/orderReportSchedule-DE.html>  
<https://sellercentral-europe.amazon.com/gp/SDPSupport/orderReportSchedule-FR.html>  
<https://sellercentral-japan.amazon.com/gp/SDPSupport/orderReportSchedule-JP.html>

Use the Get-Report-Status and Pickup-Report API's to pickup automatically generated OFRs.

#### 4.1.2 Open Listings Reports

An Open Listings Report contains a snapshot of the seller's inventory (with price and availability information). These reports can be used to ensure a seller's inventory is accurately reflected on Amazon's site. Please see [Section 6 : Workflow and Best Practices for the AIM APIs](#) of this document for more information on inventory reconciliation via Open Listings/ Open Listings Lite/ Open Listings LITER reports.

There are three flavors of Open Listings Reports:

- **Open Listings:** This is a detailed list of inventory items
- **Open Listings Lite:** This contains just the SKU, ASIN, Price and Quantity fields
- **Open Listings LITER:** This contains just the SKU and Quantity fields

**Sellers with > 50K items should use the Open Listings Lite or LITER.** The full Open Listings report will often time out for sellers with > 50K items.

#### 4.1.3 Batch Refund Reports

The Batch Refund Report allows sellers to review the status of their batch refund submissions. It is important to review all batch refund submissions to ensure that the refund was processed.



For more information on the Batch Refund Process, please see the [Section 5 : Batch Refunds](#) section of this document.

## 4.2 Generating Reports

Sellers can programmatically request generation of Order Fulfillment, Open Listings and Batch Refund Reports using Generate-Report-Now API. Once this report is generated (verified by using the Get-Report-Status API), it can be downloaded using the Download API.

Generate Report Now: <a href="https://{SERVICE-URL}/exec/panama/seller-admin/manual-reports/generate-report-now">https://{SERVICE-URL}/exec/panama/seller-admin/manual-reports/generate-report-now</a>										
Purpose	Header Name	Possible Values	.COM	.CA	.CO.JP	.CO.UK	.DE	.FR	Seller Central All Regions	Notes
To generate an Order Fulfillment Report (OFR)	ReportName	Order	x	x	x	x	x	x	x	Seller Central merchants that haven't upgraded their order reports can use this to get their order reports in a format compatible with Marketplace.
		OrderReport	n/a	n/a	n/a	n/a	n/a	n/a	x	Seller Central merchants that have upgraded their order reports should use this to get their order reports in the new format.
	NumberofDays	15	x	x	x	x	x	x	x	Includes orders during the relative date ranges for a trailing 15, 30 or 60 days
		30	x	x	x	x	x	x	x	
		60	x	x	x	x	x	x	x	
	To generate an Open Listings Report	ReportName	OpenListings	x	x	x	x	x	x	x
OpenListingsLite			x	x	x	x	x	x	x	OpenListingsLite = SKU, ASIN, Price & Quantity
OpenListingsLiter			x	x	x	x	x	x	x	OpenListingsLiter = SKU & Quantity

Response Types	Response	Notes
Success	<Success>SUCCESS</Success>	The report has been scheduled

Please refer to the following table to substitute “{SERVICE-URL}” with your appropriate region specific end point.

Region	Marketplace	Seller Central
US	secure.amazon.com	merchant-query.amazon.com
Canada	secure.amazon.ca	Not yet supported
France	secure.amazon.fr	merchant-query.amazon.fr
Germany	secure.amazon.de	merchant-query.amazon.de
Japan	vendornet.amazon.co.jp	Not yet supported
Germany	secure.amazon.de	merchant-query.amazon.de
UK	secure.amazon.co.uk	merchant-query.amazon.co.uk

### 4.3 Verifying Report Status

This API can be used to check on the status of any generated report. This function returns the report IDs for the reports that the seller can then subsequently download. The NumberOfReports header parameter can be used to limit the number of results returned

Get-Report-Status: <a href="https://{SERVICE-URL}/exec/panama/seller-admin/manual-reports/get-report-status">https://{SERVICE-URL}/exec/panama/seller-admin/manual-reports/get-report-status</a>										
Purpose	Header Name	Possible Values	.COM	.CA	.CO.JP	.CO.UK	.DE	.FR	Seller Central All Regions	Notes
To determine the status of a requested report	NumberOfReports	[insert # of reports here]	x	x	x	x	x	x	x	Used to limit the number of results returned
	ReportName	Order	x	x	x	x	x	x	x	
		Preorder	x	x	x	x	x	x	x	
		BatchRefund	x	x	x	x	x	x	x	
		OpenListings	x	x	x	x	x	x	x	
		OpenListingsLite	x	x	x	x	x	x	x	
OpenListingsLiter	x	x	x	x	x	x	x			
Response Types		Response								Notes
Success	<pre>&lt;Reports&gt; &lt;Report&gt;reportstarttime=10-18-2004:10-50-56 reportendtime=10-18-2004:10-50-56 reportid=12345456 &lt;/Report&gt; &lt;Report&gt;reportstarttime=10-11-2004:15-02-21 reportendtime=10-11-2004:15-02-21 reportid=23664721 &lt;/Report&gt; &lt;/Reports&gt;</pre>								An array of report data is returned	

Please refer to the following table to substitute “{SERVICE-URL}” with your appropriate region specific end point.

Region	Marketplace	Seller Central
US	secure.amazon.com	merchant-query.amazon.com
Canada	secure.amazon.ca	Not yet supported
France	secure.amazon.fr	merchant-query.amazon.fr
Germany	secure.amazon.de	merchant-query.amazon.de
Japan	vendornet.amazon.co.jp	Not yet supported
Germany	secure.amazon.de	merchant-query.amazon.de
UK	secure.amazon.co.uk	merchant-query.amazon.co.uk

## 4.4 Downloading Reports

This API can be used to download a specific report (by specifying the ReportID parameter) or the latest report available (by specifying the ReportName parameter).

Pickup Report (download/report): <a href="https://{SERVICE-URL}/exec/panama/seller-admin/download/report">https://{SERVICE-URL}/exec/panama/seller-admin/download/report</a>											
Purpose	Header Name	Possible Values	.COM	.CA	.CO.JP	.CO.UK	.DE	.FR	Seller Central All Regions	Notes	
To download a requested report that has completed processing.	ReportID	[insert ReportID here]	x	x	x	x	x	x	x	The ReportID is retrieved through the Get-Report-Status call	
	<b>OR</b>	<b>OR</b>									
	ReportName	Order		x	x	x	x	x	x	x	<b>Please Note:</b> For this API call use either the ReportID header or the ReportName header. Do not use both headers.
		OrderReport		n/a	n/a	n/a	n/a	n/a	n/a	x	
		Preorder		x	x	x	x	x	x	<b>Future Support</b>	
		BatchRefund		x	x	x	x	x	x	x	
		OpenListings		x	x	x	x	x	x	x	
		OpenListingsLite		x	x	x	x	x	x	x	
OpenListingsLiter		x	x	x	x	x	x	x			

Response Types	Response	Notes
Success	The body of the response will contain the requested report	
Error	<FileError>FILE_NOT_FOUND<FileError>	The File was not found on the server

Please refer to the following table to substitute “{SERVICE-URL}” with your appropriate region specific end point.

Region	Marketplace	Seller Central
US	secure.amazon.com	merchant-query.amazon.com
Canada	secure.amazon.ca	Not yet supported
France	secure.amazon.fr	merchant-query.amazon.fr
Germany	secure.amazon.de	merchant-query.amazon.de
Japan	vendornet.amazon.co.jp	Not yet supported
Germany	secure.amazon.de	merchant-query.amazon.de
UK	secure.amazon.co.uk	merchant-query.amazon.co.uk

## 5 Batch Refunds

This function can be used to submit customer order refunds in bulk. The process is very similar to automatically sending inventory loader file, but in this case you send a tab delimited text file that contains information on your batch refunds.

batch-refund: <a href="https://{{SERVICE-URL}}/exec/panama/seller-admin/catalog-upload/batch-refund">https://{{SERVICE-URL}}/exec/panama/seller-admin/catalog-upload/batch-refund</a>								
No Parameters: See Below	.COM	.CA	.CO.JP	.CO.UK	.DE	.FR	Seller Central All Regions	Notes
	x	x	x	x	x	x	x	
<b>Please Note:</b> The body of the message should contain the actual refund file. The bulk refund information should be sent as a tab delimited file with the following required headers in this exact order.								
Bulk Refund File Header Information	Field Notes							
order-id								
payments-transaction-id	put the order-item-id in this field							
refund-amount								
reason								
message	you can leave the message field blank, but the header must be included in the file							
Response Types	Response						Notes	
Success	<Success>SUCCESS</Success>						Upload succeeded	
Error	<BusinessLogicError>CUSTOMER_UNAUTHORIZED</BusinessLogicError>						Authentication failed	
Error	<BusinessLogicError>INVALID_FILE_FORMAT</BusinessLogicError>						Invalid format specified	

Please refer to the following table to substitute “{SERVICE-URL}” with your appropriate region specific end point.

Region	Marketplace	Seller Central
US	secure.amazon.com	merchant-query.amazon.com
Canada	secure.amazon.ca	Not yet supported
France	secure.amazon.fr	merchant-query.amazon.fr
Germany	secure.amazon.de	merchant-query.amazon.de
Japan	vendornet.amazon.co.jp	Not yet supported
Germany	secure.amazon.de	merchant-query.amazon.de
UK	secure.amazon.co.uk	merchant-query.amazon.co.uk

## 6 Workflow and Best Practices for the AIM APIs

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This section is designed to illustrate the workflow and best practices for the Amazon Inventory Management APIs.

### 6.1 Inventory Management

#### 6.1.1 Adding Inventory to Amazon – OR – Modifying or Deleting Inventory from Amazon

1. Build an Add/Modify/Delete inventory file using the appropriate regional template (see section 3.1.1).
- OR --
1. Build a Modify/Delete (see section 3.1) file that includes the records that you would like to adjust the quantity of or delete.
2. Ensure that the file size does not exceed the 10 MB file-size limit
3. Send the inventory file to Amazon using the Add/Modify/Delete API (see section 3.1).
4. Amazon processes inventory files as we receive them, therefore a queue may develop. To determine the status of your inventory files use the Get Batches API (see section 3.2.2).
5. Using the batchID taken from the Get Batches API, download the Error Log (see section 3.2.3) or Quick Fix File (see section 3.2.4) to ensure your maximize your listings onsite at Amazon.
6. **Please Note:** To automatically determine current Marketplace pricing, check out Amazon's Web Service APIs: <http://www.amazon.com/webservices>.

#### 6.1.2 Reconciling Inventory on Amazon – *Inventory Reconciliation should be conducted weekly for large sellers*

1. Download an Open Listings Report  
**\*\* Please Note: For sellers with > 50K open listings, use the Open Listings Lite or Open Listings Liter reports**
2. Determine what inventory is not onsite that should be. Concurrently, determine what inventory needs to be remove or have the quantity/price adjusted.
3. Build an Add/Modify/Delete file reflecting the needed changes and submit the file using the Add/Modify/Delete API (see section 3.1).

**Thank you for selling on Amazon!**