amazonservices
Europe

Invoice Uploader Guide

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Sellers who are not enrolled in Amazon's VAT Calculation Service can create invoices using their own tax calculation data, and can upload these invoices using an [Amazon Marketplace Web Service](#) (Amazon MWS) application. This guide shows you how to use Amazon MWS to create an application that can automatically upload invoices for every order made using the application. **Note.** This guide applies to you only if you are developing an application for sellers who want upload invoices without enrolling in Amazon's VAT Calculation Service. See the [VAT Calculation Service (VCS) Guide](#) to create applications for sellers who have enrolled in Amazon's VAT calculation service and have chosen the option to upload their own invoices.

How to upload invoices

You can upload invoices using the Invoicing Feed (_UPLOAD_VAT_INVOICE_) of the Amazon MWS Feeds API section. Call the SubmitFeed operation using the following parameters to submit an invoice for an order in PDF format. You can upload multiple invoices and credit notes for one order ID. If you use the Amazon MWS client libraries, the client code will handle encoding the PDF file for you. If you do not use the client libraries, you must encode the PDF document yourself, using Base64 encoding.

SubmitFeed parameters:
- **MarketplaceIdList.** Specify the marketplace in which the order was placed. Specify only one marketplace per order. The following marketplaces are supported for invoice uploads:

Marketplace	MarketplaceId
Spain	A1RKKUPIHCS9HS
UK	A1F83G8C2ARO7P
France	A13V1IB3VIYZZH
Germany	A1PA6795UKMFR9
Italy	APJ6JRA9NG5V4
Netherlands	A1805IZSGTT6HS
Poland	A1C3SOZRARQ6R3
Sweden	A2NODRKZP88ZB9

- **FeedOptions**. Specify key-value pairs to provide important metadata along with the PDF invoice. The keys in these key-value pairs are:
  - **OrderId** (required). The identifier of the order for which the invoice is being submitted.
  - **InvoiceNumber** (required). The invoice number used in the invoice
  - **DocumentType** (required). Possible values: *Invoice*. Use this you are uploading an invoice. *CreditNote*. Use this you are uploading a credit note for a refund or a return. Default: *Invoice*.
  - **TotalAmount** (optional, but recommended). The total amount on the invoice. This is VAT-inclusive prices on items, gift wrap, and shipping, minus the VAT on all promotions.
  - **TotalVATAmount** (optional, but recommended). The total VAT amount on the invoice. This is the VAT on the items, gift wrap, and shipping, minus the VAT on all promotions.

  Separate the key-value pairs with a semicolon. Add `metadata:` before each key.

  Invoice upload example:

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```
metadata:orderid=206-2341234-3455465;metadata:invoicenumber=INT-3431-
XJE3;metadata:documenttype=Invoice
```

Credit note example:

```
metadata:orderid=206-2341234-3455465;metadata:invoicenumber=INT-3431-
XJE3;metadata:documenttype=CreditNote
```

Do not add quotation marks around keys or values. Amazon only accepts the following characters: commas, forward slashes, backslashes, spaces, dashes, underscores, semi colons, colons, 0-9, A-Z, a-z, #. Amazon trims extra space.

- **FeedContent**. This contains the feed content, in PDF format. You can use the following example code to attach the PDF file. While this example is in Java, you can use it as a model for other programming languages.

```java
Map<String, String> feedOptions = new HashMap<>(); // building parameter map

    feedOptions.put("metadata:OrderId", "XXX-XXXXXXX-XXXXXXX");
    feedOptions.put("metadata:TotalAmount", String.format(TOTALAMMOUNT));
    feedOptions.put("metadata:TotalVATAmount", String.format(TOTALVATAMMOUNT));
    feedOptions.put("metadata:InvoiceNumber", INVOICE_NUMBER);

    String options = feedOptions.entrySet().stream()
            .map(e -> String.format("%s=%s", e.getKey(), e.getValue()))
            .collect(Collectors.joining(";"));

    File pdfD = new File("<PATH TO PDF>");

    byte[] pdfDocument = FileUtils.readFileToByteArray(pdfD); // read pdf document to byte array
    String contentMD5 = Base64.encodeBase64String(pdfDocument); // building hash code
    InputStream contentStream = new ByteArrayInputStream(pdfDocument); // inputstream of

    SubmitFeedResponse response = submitFeed(contentStream, contentMD5, "_UPLOAD_VAT_INVOICE_",
options, ContentType.OctetStream);


    public SubmitFeedResponse submitFeed(InputStream, String contentMD5, String feedType, String
feedOptions, ContentType contentType)
{

    SubmitFeedRequest request = new SubmitFeedRequest();

    request.setContentMD5(contentMD5);
    request.setFeedContent(inputStream);
    request.setFeedOptions(feedOptions);
    request.setFeedType(feedType);
    request.setMarketplaceIdList(new IdList(Arrays.asList(getMarketPlaces()));
    request.setMerchant(configuration.getAmazon().getSellerId());
    request.setMWSAuthToken(configuration.getAmazon().getMwsAuthToken());
    request.setContentType(contentType);

    return getMarketplaceWebServiceClient().submitFeed(request);
```

```
}
```

Throttle limits

The throttling limit for the Invoicing Feed (_UPLOAD_VAT_INVOICE_) is one invoice upload every three seconds.

Invoice upload errors

Use the GetSubmissionFeedResult operation of the Feeds API section to get a feed processing report for the feeds that you submit. Here are the errors that can be returned when you submit a feed to upload an invoice.

- MarketplaceIDInputError
    - **When it occurs**: When multiple marketplaces are specified, or no marketplace is specified, or an unsupported marketplace is specified. Supported marketplaces are Spain, UK, France, Netherlands, Germany, Italy, Switzerland, and Poland.
    - **Description in feed result**: Please provide only one valid marketplace while uploading an invoice.
    - **Error Code**: 79523
- MissingRequestPreferences:
    - **When it occurs**: When one or more required key-value pairs are missing in the metadata uploaded with the feed. You can input up to seven key-value pairs, some of which are required and some of which are optional, depending on the type of transaction.
    - **Description in feed result**: Please provide {missingParameters}
    - **Error Code**: 79513
- InvalidDocumentType
    - **When it occurs**: When the DocumentType key has value other than 'Invoice' or 'CreditNote'.
    - **Description in feed result**: The document type {documentType} is not supported
    - Error Code: 79531
- InvoiceFileIsNotPDF:
    - **When it occurs**: When the uploaded file is not a PDF.
    - **Description in feed result**: Invoice uploaded is not pdf for shipmentId {shipmentId}, orderId {orderId} and InvoiceNumber {invoiceNumber}
    - **Error Code**: 79503
- NoFileUpload:
    - **When it occurs**: When you submit the feed without an invoice.
    - **Description in feed result**: Invoice missing in feed submission. Please provide an invoice for shipmentId {shipmentId}, orderId {orderId} and invoiceNumber {invoiceNumber}
    - **Error Code**: 79540
- NoCreditNoteFileUpload:
    - **When it occurs**: When you submit the feed without an credit note.
    - **Description in feed result**: Invoice missing in feed submission. Please provide an invoice for shipmentId {shipmentId}, orderId {orderId} and invoiceNumber {invoiceNumber}
    - **Error Code**: 79544
- InvalidOrderId:
    - **When it occurs**: When the uploaded order ID does not exist, does not belong to the seller, or the shipment has not yet been dispatched. You must upload invoices after you dispatch your shipments. Amazon rejects invoices that are uploaded before shipment.
    - **Description in feed result**: Order Id {orderId} is invalid or shipment has not yet been dispatched

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-       o **Error Code**: 79517
- `MarketplaceIDDoesNotMatchShipmentID`:
  - o **When it occurs**: When the specified shipment ID is not for an order from the specified marketplace ID.
  - o **Description in feed result**: The marketplace {marketplaceId} seller input is wrong because the invoice seller tried to upload is not in this marketplace for order ID {orderId} or shipment ID {shipmentId}
  - o **Error Code**: 79535
- `IDUInvoiceVirusScanFailed`:
  - o **When it occurs**: When the uploaded invoice contains a virus or other malicious code.
  - o **Error Code**: 79552
- `IDUCreditNoteVirusScanFailed`:
  - o **When it occurs**: When the uploaded credit note contains a virus or other malicious code.
  - o **Error Code**: 79553