



**Food Safety and Inspection Service (FSIS)  
United States Department of Agriculture (USDA)**

**Public Health Information System (PHIS)  
Export Batch User Guide**

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## Introduction

The PHIS Batch process allows you to create and update PHIS export applications by:

- Uploading export application data via individual XML files
- Uploading export application packages that include XML application files and associated supplemental PDF documents as a zip file
- Uploading export application data via individual Excel files
- Uploading export application packages that include the Excel application files and associated supplemental PDF documents as a zip file

There are two options for uploading (or transferring) the files to PHIS:

- Machine-to-machine (XML only)
- PHIS Interface (XML and Excel)

These options provide flexibility for different-sized establishments and various corporate structures to manage PHIS export applications.

Using the machine-to-machine option (via a web service) requires that you:

- Have an eAuthentication account with a completed identity verification
- Register for a Service Account in PHIS (requires either the Export Broker or Export Applicant role)

Using the PHIS Interface requires that you:

- Have an eAuthentication account with a completed identity verification
- Have either the Export Broker or Export Applicant role

Once the file(s) are uploaded, the batch processor operates the same as the online process. As the process reaches certain milestones, status updates are recorded within PHIS. Batch result updates are available by:

- An Application Program Interface (API) call from the web service
- The Batch Results page in PHIS
- Email messages from the application (the application sends messages to the email addresses referenced in the XML or Excel files)
- For information about other calls you can make from the web service, see Appendix D: Sample SOAP Request and Appendix E: Service Calls and Responses starting on page 93

## Methods for Transferring Batch Files

Two methods are available to transfer Batch files to PHIS:

### Method 1: Machine-to-machine

Applicant system connects to the web service, which results in the following events happening:

- eAuthentication procedure
- File(s) transferred
- Logging process begins

### Method 2: PHIS Interface

Applicant logs into PHIS

- Opens the Batch Processing menu
- Selects Upload Files and follows steps to upload the file(s)
- Logging process begins

## Process Flow

The batch application process follows many of the same steps as the online process. You still need to collect the necessary information to create the application, but rather than entering the information online via the PHIS application, you enter the data into a local system that then creates an application file. The created application file provides data for the following pages/tabs in PHIS:

- My Establishment
- Application Type
- Export Country Information
- Import Country Information
- Products Summary
- Shipment Information
- Access Control
- Statements
- Submission for Approval

Files can be .xml, .xlsx, or .xls.

The XML file contains:

- Application envelope (the beginning and end of the xml message, mandatory element)
- Product data
- Access control information

The Excel file (either .xlsx or .xls) contains the following tabs:

- Instructions (Do not edit information on this tab.)
- Overall
- Access Control
- Application
- Statements

- Custom Placeholders
- Container
- Importer & Exporter
- Attachments
- Products

## PHIS Pre-Processing Steps

Once the files are transferred, PHIS performs the following steps:

- Export Batch Pre-Processor
  - Receives the files from the web service
  - Evaluates the file types
    - Verifies the files are .xml, .xls, .xlsx, or .zip
    - Generates email response, if applicable
    - For the PHIS Interface process, PHIS displays status messages in real-time
  - Unpacks the zip files (if applicable)
    - Zip files are required for PDF attachment files
    - At least one XML or Excel file must be included in each zip file
    - Zip files can contain multiple application XML and Excel files and associated PDFs
  - Extracts data from the XML or Excel file
    - Stores application data in a temporary location
    - Verifies the PDF attachment exists if referenced in the batch file

## PHIS Processing and Application Creation Steps

When the Pre-Processing milestone is successful, the system uses the Batch Application Processor to create one or more applications in PHIS based on the information from the XML/Excel file(s).

- Batch Application Processor
  - Processes application data, including:
    - Identity data (ApplicationUID/Application Number/Applicant Name/Notification Email)
    - Access control information
    - Exporter information
    - Importer information
  - Processes the product data
    - Processes each product individually
  - Submit Flag
    - Application can be marked for submission (Submit=true or 1) or added with a status of Unsubmitted (Submit=false or 0)  
**Note:** The Submit flag is case-sensitive and it must be in all lowercase letters. The next section explains more about how to submit an application for approval.

## PHIS Submission Steps

As PHIS finishes with the processing step, PHIS notes if the Submit flag in the file is set to true or false (or 1 or 0). If false, PHIS adds the application as an unsubmitted application; otherwise, PHIS starts the submission steps. These steps are analogous to selecting the Submit button on the Submit Application

page in the user interface.

- Submission
  - All required application fields are populated
  - All required product fields are populated
  - Product information, together with other information, is validated against published Rule Sets in the PHIS Export Library.

If the submission process is successful, PHIS changes the status of the application to Submitted. If the submission process is not successful, PHIS still creates the application, but the status is Unsubmitted.

## PHIS Review and Approval Steps

The review and approval steps for export applications are the same regardless of how the applications were created.

## PHIS Status

Successfully created applications are viewable from the Create/View 9060-6 Export Applications page. If you are an Export Broker or an Export Applicant, this page includes only the applications and certificates that you can access based on the Access Control page of the record.

On the 9060 grid, PHIS lists the status of the applications and other attributes but does not indicate how the applications were created. However, after selecting an application to view or edit from the 9060 grid, a History tab is available that displays user information, date and time stamps for the following actions:

- Create
- Submit
- Update
- Unlock

When applicable, PHIS indicates when those actions were processed through the batch function.

## Updates

You can edit unsubmitted applications via the:

- User interface
- Transfer of updated application records by manual file uploads via the batch function
- Transfer of updated application records by machine-to-machine file uploads via the batch function

For all applications with a status of Submitted, PHIS creates inspection tasks for FSIS personnel. Updates to a submitted application can be made up until the final approval by FSIS by unlocking the application. Applications with statuses of Submitted, Reviewed by CSI, and Signed by 1<sup>st</sup> PHV can be unlocked, edited, and re-submitted. Please notify your FSIS In-Plant Personnel (IPP) of any updates you make to the application after the first Submittal action. Statuses that do not allow updates, with a few exceptions (detailed in the next paragraph) include: Pending Upload, Approved, Pending Replacement, Replaced, and Rejected.

The updates that are allowed up until final approval (Statuses = Pending Upload and Approved) include: Exporter and Importer data, Product Name(s), weights and numbers of packages, slaughter and processing establishments, Total Net Weight, container, seal and Port of Entry values. Additional

updates include, adding or removing statements and custom placeholder data, selecting or deselecting PHIS generated statements for replacements and unique identifier. For replacement type applications, values for Total Net Weight, product weight and number of packages can be only reduced in value.

Another exception is that most countries allow you to edit the seal and container information, even after the application is Approved. You cannot update the seal and container information for certificates that are pending replacement (Status = Pending Replacement) have been replaced (Status = Replaced) or applications that have been rejected (Status = Rejected). Some importing countries require that additional data values are completed at the time of approval. For example, before approval by FSIS, applications to export product to China require Commercial Seal and Container data values to be present at the time when the application is reviewed by FSIS and prior to signing of the Certificate by an FSIS PHV.

## PHIS Milestones

When the processing is complete, you can view the milestones of your file transfers through a number of methods.

The first such method is email. If you included email addresses in your files, PHIS sends status emails for every failed application. Only one email address is allowed per XML or Excel file. PHIS may send multiple email messages for a failed application as the system reviews the application at several processing stages. For each set of successful applications transferred over a 24-hour period, PHIS sends a summary email with a list of all the successfully transferred applications.

The second method is the Batch Results page. The Batch Results page in PHIS displays the upload and processing details for all file transfers.

The third method is a web-service API call. You can request the status information for a specific batch ID by using web service API call. The web service returns the batch ID as part of the return information once the file upload process concludes. For more information about calls you can make from the web service, see Appendix D: Sample SOAP Request and Appendix E: Service Calls and Responses starting on page 93

## Batch Upload through PHIS User Interface

### Upload Files

The Upload Files page (*Figure 1*) has options to:

- Download the Statements Record CSV file for country-specific Statement Records by selecting one or more Importing Countries from the drop-down list. The downloaded Excel file contains Statement Record Codes. When you insert a Statement Record Code is into a batch file, the code instructs PHIS to include one of the importing country's statements. Some Statement records also require additional data values that are required by the importing country. The Statement Record CSV file has a second worksheet that contains Statement Record Codes and related Custom Placeholder Codes.
- Download the Export Batch Schema XSD to create well-formed XML files.
- Download the Export Batch Schema Excel File to create well-formed Excel files.
- Select a file or files to upload to PHIS. Multiple files can be selected at a time when choosing files to upload. Like the web service (used for machine-to-machine communication), only XML,

Excel, and zip files can be uploaded. The PDF files must be in a zip file to be uploaded. A maximum of 5 MB is enforced for each file in the zip file, while the zip file itself should not be larger than 25 MB. Multiple PDFs can be included for each application as long as those attached PDF files are identified within the corresponding XML or Excel files.

you are here: Home > Upload Files

## Upload File of Export Applications

[Download the Statement Records CSV](#)

Importing Country:

[Download the Export Batch Schema XSD](#)

[Download the Export Batch Schema Excel File](#)

\*Please select the file(s) to upload:

(Only .xls, .xlsx, .xml, and .zip files can be uploaded. The maximum file size for a PDF file is 5 MB. All PDF files must be zipped before uploading.)

Figure 1 - Upload File Page

## Batch Results

The Batch Results page provides a view of all the attempted batch application file uploads that passed the first critical milestone of having the application Global Universal ID (GUID) read. The results are recorded in Central Time.

**Batch Results**

Date Range: **1**  Two Days  One Week  One Month  Date Range

File Name:

Establishment Number:

Identifier:

**2** Search [Reset](#)

**3**  UI/Service  UI  Service  All  With Errors  Without Errors

Received On	Type	Batch Info	# of App.	# of Attach.	Errors?	Batch	Log
02/28/2018 1:36 PM	XML	Create New Application_mistake.xml [3.6 KB] 327336AR-55E0-4F18-A43B-7AD762E143A submitted by [U-DEST-30532]	--	--	with errors	<b>4</b>	<b>4</b>
<b>7</b> 02/28/2018 1:35 PM	XML	Create New Application.xml [3.6 KB] 8E2D42C8-8904-4CA6-B799-02564DB73276 submitted by [U-DEST-30532]	1	--		<b>4</b>	<b>4</b>
<b>Batch File Details</b>			<b>9060-6 Export Application</b>				
<b>App. Info</b>	<b># of Attach.</b>	<b>Errors?</b>	<b>Log</b>	<b>App. Number</b>	<b>9060 Status</b>	<b>Cert. Number</b>	
New (P46320) 0832686E-8B6C-423E-98E7-EA6EBAE3AE05 [Marked as Submitted]	--		<b>4</b>	<b>5</b> 0000330	<b>6</b> Submitted	0000330	
02/28/2018 9:38 AM	XML	Create New Application.xml [3.6 KB] B19C3E65-1527-48FF-8F47-8FE94D73370D submitted by [U-DEST-30532]	1	--		<b>4</b>	<b>4</b>
02/28/2018 9:36 AM	XML	Create New Application_mistake.xml [3.6 KB] 3601D2EE-5F9D-4C41-A68E-50F2A4A004FC submitted by [U-DEST-30532]	1	--	with errors	<b>4</b>	<b>4</b>
<b>Batch File Details</b>			<b>9060-6 Export Application</b>				
<b>App. Info</b>	<b># of Attach.</b>	<b>Errors?</b>	<b>Log</b>	<b>App. Number</b>	<b>9060 Status</b>	<b>Cert. Number</b>	
New (P46320) 56C39C1D-C678-47BA-B5A7-36778921E55F	--	with errors	<b>4</b>	0000316	Deleted	0000316	

**Figure 2 - Batch Results Page**

The Batch Results page includes the following functions:

1. Filter by date, file name, establishment, and/or Application UID (unique identifier generated specifically for each application)
2. Filter by method by which the files were transferred to PHIS
3. Filter records with and/or without errors
4. Download batch file submitted for processing along with milestone log files with details of any errors recorded at both the record and application levels
5. Ability to directly access the application created through a hyperlink
6. Ability to view the 9060 application status
7. Ability to expand batch record and display application record on one page

A list of common error messages is available in Appendix B – Common Error Messages.

If you uploaded an XML/Excel file, but do not see a corresponding entry on the Batch Results page, this may be because you were not granted access in the Access Control section of the XML/Excel file.

## Manage Service Accounts

The service administrator uses the Manage Service Accounts page to complete the Non-Disclosure Agreement/Interconnection Security Agreement (NDA/ISA) agreement required for machine-to-machine communication and to set up the service accounts and settings. Any active user with Export Applicant or Export Broker role can create a service account on behalf of their organization.

Account	Roles	Status		
Applicant account	Export Batch Submitter	Active	<a href="#">Open</a>	<a href="#">Delete</a>

**Figure 3 - Service Accounts Main Page**

Details on completing the NDA/ISA and setting up service accounts are provided in a later section of the guide (see page 74).

## Data File Specifications

Data files must conform to certain specifications to be accepted by the system.

- Application files are in XML or Excel
- Files can perform different functions:
  - Create a new application
  - Update an existing application
  - Cancel an existing application
  - Perform certificate replacement functions:
    - One-to-one
    - Split
    - Consolidation
- Rules
  - Follow the XSD validation
    - The XSD allows creation of incomplete applications
    - Product fields are required for submission
  - Excel files do not have an XSD, but the system performs a set of similar data validations

## XML Assumptions

In processing XML files to create 9060 applications in PHIS for review and approval, the following assumptions are made:

- XML, Excel, and zip files are uploaded through a web service accessible through a PHIS user interface (human-to-machine interaction) or through a programmatic interface (machine-to-machine interaction).
- You can upload an incomplete application based on the assumption that an updated XML/Excel will be uploaded later or that updates will be made through the PHIS user interface to complete any outstanding information.
- After submitting properly formed XML/Excel application files and after processing by PHIS, you can expect PHIS to assign Application Number(s).
- Each XML/Excel application produces either a message with an Application Number or an error message explaining the nature of the error.
- A previously submitted application can be updated by using the same application UID. PHIS subjects the data to the same validation as the originally accepted application. For more information, see Updates on page 9.
- You can upload a Cancel file to cancel an application as long as the application is not Rejected, Replaced, or Approved. You identify the application by using the same application UID that was used to create it or its application number.

XML fields that are not on the 9060 but maintained in PHIS as part of the Batch Results record:

- Application UID. This ID is a GUID provided by the applicant that is a unique identifier for the application.
- Product UID. Similar to the Application UID but at the product level.

## XSD

General notes used to evaluate the XSD elements necessary to create a well-formed XML file.

## Application Number vs. Certificate Number

When a 9060 application is first created, PHIS assigns it an Application Number. This Application Number is used to identify the application as it goes through the PHIS system. Once the application has been approved by IPP, the Application Number becomes the Certificate Number.

## Data Size

Elements with a String data type in the following tables have a size value in parenthesis if it is limited in length outside of what is listed in the XSD. For example, the Additional Statement information included in the XML is limited to 500 characters.

Decimal numbers have a similar layout as strings but show two values: precision and scale. Precision indicates how many total digits can be used in the number while scale indicates the number of digits that can be used to the right of the decimal point.

## Structures

### Envelope

Table 1 contains elements required for all applications in an XML file. Each file must have one and only one envelope structure.

*Table 1: Envelope Structure*

Element	Node Name	Req	Data Type	Count	Notes
Access Control	AccessControl		Access Control	1	Information regarding the permissions applied to the resultant application.
Notification Email	NotificationEmail	See note	Email	0 or 1	An email address to send process notifications. See note on page 23.  This field is optional but recommended.
Export Application 9060s	ExportApplication9060s		Collection of Export Application 9060	1	Collection of all 9060 applications to process (at least one application is required)

## Export Application 9060

Table 2 represents a single, new 9060 application in XML form.

Only a basic amount of information is required to create an application. Subsequent update files may be uploaded to submit the application for approval. In Table 2, the Req (Required) column provides two answers. The first answers the question whether the element is required to create the application and the second answers the question whether the element is required to submit the application. If there is only one answer, the same answer applies to both questions.

*Table 2: Export Application 9060 Structure*

Element	Node Name	Req	Data Type	Count	Notes
Additional Statement	AdditionalStatement	No	String (500)	0 or 1	Any additional statements to make regarding the application or any of the products.
Applicant	Applicant	No/ Yes	Applicant	0 or 1	The name of the individual responsible for the 9060 application. This name goes in the signature section of the 9060 application.  <b>Once an application has been created through the batch process, the only way to update this value is through an Export Application 9060 Update structure. The Applicant field is not available in the user interface when editing an application record.</b>
Application UID	ApplicationUID	Yes	GUID	1	An arbitrary unique identifier assigned by the applicant to identify the application.

Element	Node Name	Req	Data Type	Count	Notes
Country of Destination	CountryOfDestination	Yes	String (3)	1	The country code where the export is immediately headed. This can be: <ul style="list-style-type: none"> <li>• 2-character country code</li> <li>• 3-character country code</li> <li>• 3-digit country code</li> </ul>
Country of Final Destination	CountryOfFinalDestination	Yes	String (3)	1	The country code where the export is ultimately headed. This can be: <ul style="list-style-type: none"> <li>• 2-character country code</li> <li>• 3-character country code</li> <li>• 3-digit country code</li> </ul>
Export Application Attachments	ExportApplicationAttachments	No	Collection of Attachment	0 or 1	A collection of all attachments associated with this application. This block is optional.
Consignor/ Exporter	ConsignorExporter	Yes	Import/Export Entity	1	The block containing the consignor/exporter information
Export Establishment Number	ExportEstablishmentNumber	Yes	String (64)	1	The official establishment number of the exporting establishment.  Include the predominant Grant type as it applies to the application, i.e. M9999 or P1111.

Element	Node Name	Req	Data Type	Count	Notes
Include Prefix	IncludePrefix	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 – Include Commodity prefix false or 0 – Do not include Commodity prefix
I Certify Statement	IcertifyStatement	No/ Yes	String (selection)	0 or 1	Acceptable values are: <ul style="list-style-type: none"> <li>• Meat</li> <li>• Poultry</li> <li>• Meat and Poultry</li> <li>• Siluriformes Fish</li> <li>• None of the Above</li> </ul>
Consignee/ Importer	ConsigneeImporter	Yes	Import/Export Entity	1	The block containing the consignee/ importer information

Element	Node Name	Req	Data Type	Count	Notes
Shipment Type	ShipmentType	No/ Yes	Integer	0 or 1	<p>Acceptable values are:</p> <ul style="list-style-type: none"> <li>• 1: Commercial Sale</li> <li>• 2: Personal Consumption</li> <li>• 3: Ship's Store</li> <li>• 4: U.S. Military</li> <li>• 5: Samples</li> <li>• 6: U.S. Embassy</li> <li>• 7: Airlines</li> </ul> <p><b>Once an application has been created through the batch process, the only way to update this value is through an Export Application 9060 Update structure. There is no Shipment Type field available in the user interface when editing an application record.</b></p>
Submit	Submit	See note	Boolean	1	<p><b>true or false (or 1 or 0)</b></p> <p>**The Submit field is required. See note on page 23.</p> <p>More information on the Submit Flag and submission is on page 8.</p>
Total Net Weight in Pounds	TotalNetWeightInPounds	No/ Yes	Weight	0 or 1	<p>The total net weight of all the products in pounds.</p> <p>This field or Total Net Weight in Kilograms is required to submit the application.</p>

Element	Node Name	Req	Data Type	Count	Notes
Total Net Weight in Kilograms	TotalNetWeightInKilograms	No/Yes	Weight	0 or 1	The total net weight of all the products in kilograms.  This field or Total Net Weight in Pounds is required to submit the application.
Unique Identifier	UniqueIdentifier	No/Yes	String (50)	0 or 1	The unique identifier to use as the export mark. This ID cannot be used in conjunction with USDA Export Mark.  This field is required if tag UsdaExportMark = 2
USDA Export Mark	UsdaExportMark	No/Yes	Integer	0 or 1	Acceptable values are: <ul style="list-style-type: none"> <li>• 1: USDA Export Mark</li> <li>• 2: Unique Identifier</li> </ul>
Final Destination Port	FinalDestinationPort	No	String	0 or 1	This is the receiving port for the importing country. This corresponds to the field labeled Port of Entry in the PHIS user interface.
Containers	Containers	No	Collection of Container	0 or 1	A collection of all containers associated with this application

Element	Node Name	Req	Data Type	Count	Notes
Statements	StatementCode	No	String (64)	0 or 1	Statement record(s) are inserted into the Remarks section of the application to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple Statement Code values.
Placeholder Code	PlaceholderCode	No	String (64)	0 or 1	Placeholder record(s) are inserted into the statements that are in turn inserted into Remarks section of the application to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple Placeholder Code values.
Placeholder Value	PlaceholderValue	No	String (64)	0 or 1	Placeholder value(s) are inserted into the indicated statements that are in turn inserted into Remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple values for multiple Placeholder Value entries.

Element	Node Name	Req	Data Type	Count	Notes
Replacement history remarks	ShowReplacementHistoryRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 - PHIS generated replacement history remarks false or 0 - Do not include PHIS generated history remarks
Display export remarks (unique identifier)	ShowExportMarkRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 - PHIS generated remarks when unique identifier value is entered as the export mark false or 0 - Do not include PHIS generated remarks when unique identifier value is entered as the export mark
Display container remarks	ShowContainerRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 - PHIS generated container remarks with container data value false or 0 - Do not include PHIS generated container remarks

Element	Node Name	Req	Data Type	Count	Notes
Display seal remarks	ShowSealRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 - PHIS generated seal remarks with seal data value false or 0 - Do not include PHIS generated seal remarks
Display Port of Entry remarks	ShowPortRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 - PHIS generated port of entry remarks with port data value false or 0 - Do not include PHIS generated port of entry remarks
Export Application Products	ExportApplication9060Products	Yes	Collection of Export Application 9060 Product	1	A collection of all products in the export application.

\*\*A Submit value of true or 1 explicitly informs PHIS that after the file has been parsed and the first stage of processing has been successful, it should apply the PHIS Export Library rule set validation process. If the validation fails, PHIS returns an error indicating the problem or problems with the file and/or the application to the Batch Results page. PHIS also emails the pertinent information about the failure to the notification user. Even though the file was not submitted, it stills resides in PHIS for future resubmission.

A Submit value of false or 0 explicitly informs PHIS to not apply the PHIS Export Library rule set validation process.

### Export Application 9060 Cancel

This structure includes the Cancel tag and requests cancelation of an existing 9060 application. To identify the application, either the Application Number or Application UID must be provided. If the

Application Number is provided, the Application UID is ignored.

*Table 3 ExportApplication 9060 Cancel Structure*

Element	Node Name	Req	Data Type	Count	Notes
Application Number	ApplicationNumber	See note	Application Number	0 or 1	The Application Number of the 9060 that is being cancelled. PHIS uses this field over the Application UID if both are provided.  This field is required if ApplicationUID is not present.
Application UID	ApplicationUID	See note	GUID	0 or 1	An arbitrary unique identifier previously assigned by the applicant to identify the application that is being cancelled.  This field is required if ApplicationNumber is not present.

### Export Application 9060 Basic

Table 4 describes the structure of a basic 9060 application where only an identifier is needed. This is used to reference previously submitted applications for actions during Cancels, Replacements, Splits, and Consolidations.

To identify the application, either the Application Number or Application UID must be provided. If the Application Number is provided, the Application UID is ignored.

*Table 4: Export Application 9060 Basic Structure*

Element	Node Name	Req	Data Type	Count	Notes
Application Number	ApplicationNumber	See note	Application Number	0 or 1	The Application Number of the 9060 Certificate that is being replaced, updated or canceled. PHIS uses this field over the Application UID if both are provided.  This field is required if ApplicationUID is not present.
Application UID	ApplicationUID	See note	GUID	0 or 1	An arbitrary unique identifier previously assigned by the applicant to identify the application.  This field is required if ApplicationNumber is not present.

### Export Application 9060 Update

This structure contains the Update tag and represents an update of a single existing 9060 application in XML form. This is largely the same as Export Application 9060 except for the application number element, which can be used as an alternate identifier for the application instead of the Application UID.

*Table 5: Export Application 9060 Update Structure*

Element	Node Name	Req	Data Type	Count	Notes
Additional Statement	AdditionalStatement	No	String (500)	0 or 1	Any additional statements to make regarding the application or any of the products.

Element	Node Name	Req	Data Type	Count	Notes
Applicant	Applicant	No/ Yes	Applicant	0 or 1	<p>The name of the individual responsible for the 9060 application. This name goes in the signature section of the 9060 application.</p> <p><b>Once an application has been created through the batch process, the only way to update this value is through an Export Application 9060 Update structure. The Applicant field is not available in the user interface when editing an application record.</b></p>
Application Number	ApplicationNumber	See note	Application Number	0 or 1	<p>The PHIS-generated Application Number that uniquely identifies the application. If present for new files, it is ignored</p> <p>PHIS uses this field over the Application UID if both are provided.</p> <p>This field is required if ApplicationUID is not present.</p>

Element	Node Name	Req	Data Type	Count	Notes
Application UID	ApplicationUID	See note	GUID	0 or 1	An arbitrary unique identifier assigned by the applicant to identify the application.  This field is required if ApplicationNumber is not present.
Country of Destination	CountryOfDestination	Yes	String (3)	1	The country code where the export is immediately headed. This can be: <ul style="list-style-type: none"> <li>• 2-character country code</li> <li>• 3-character country code</li> <li>• 3-digit country code</li> </ul>
Country of Final Destination	CountryOfFinalDestination	Yes	String (3)	1	The country code where the export is ultimately headed. This can be: <ul style="list-style-type: none"> <li>• 2-character country code</li> <li>• 3-character country code</li> <li>• 3-digit country code</li> </ul>
Export Application Attachments	ExportApplicationAttachments	No	Collection of Attachment	0 or 1	A collection of all attachments associated with this application.
Consignor/ Exporter	ConsignorExporter	Yes	Import/Export Entity	1	The block containing the consignor/exporter information.

Element	Node Name	Req	Data Type	Count	Notes
Export Establishment Number	ExportEstablishmentNumber	Yes	String (64)	1	The official establishment number of the exporting establishment.  Include the predominant Grant type as it applies to the application, i.e. M9999 or P1111.
Include Prefix	IncludePrefix	No	Boolean	1	<b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b> )  9060-6 and 9060-5 PDFs  true or 1 – Include Commodity prefix  false or 0 – Do not include Commodity prefix
I Certify Statement	ICertifyStatement	No/ Yes	String (selection)	0 or 1	Acceptable values are:  <ul style="list-style-type: none"> <li>• Meat</li> <li>• Poultry</li> <li>• Meat and Poultry</li> <li>• Siluriformes Fish</li> <li>• None of the Above</li> </ul>
Consignee/Importer	ConsigneeImporter	Yes	Import/Export Entity	1	The block containing the consignee/importer information.

Element	Node Name	Req	Data Type	Count	Notes
Shipment Type	ShipmentType	Yes	Integer	0 or 1	Acceptable values are: <ul style="list-style-type: none"> <li>• 1: Commercial Sale</li> <li>• 2: Personal Consumption</li> <li>• 3: Ships Store</li> <li>• 4: U.S. Military</li> <li>• 5: Samples</li> <li>• 6: U.S. Embassy</li> <li>• 7: Airlines</li> </ul>
Submit	Submit	Yes	Boolean	1	**The Submit field is required. See note on page 23. More information on the Submit Flag and submission is on page 8.
Total Net Weight in Pounds	TotalNetWeightInPounds	See Note	Weight	0 or 1	The total net weight of all the products in pounds. This field or Total Net Weight in Kilograms is required to submit the application.
Total Net Weight in Kilograms	TotalNetWeightInKilograms	See Note	Weight	0 or 1	The total net weight of all the products in kilograms. This field or Total Net Weight in Pounds is required to submit the application.

Element	Node Name	Req	Data Type	Count	Notes
Unique Identifier	UniqueIdentifier	See note	String (50)	0 or 1	The unique identifier to use as the export mark. This cannot be used in conjunction with USDA Export Mark.  This field is required if tag UsdaExportMark = 2.
USDA Export Mark	UsdaExportMark	No/ Yes	Integer	0 or 1	Acceptable values are: <ul style="list-style-type: none"> <li>• 1: USDA Export Mark</li> <li>• 2: Unique Identifier</li> </ul>
Final Destination Port	FinalDestinationPort		String	0 or 1	This is the receiving port for the importing country. This corresponds to the field labeled Port of Entry in the PHIS user interface.
Containers	Containers		Collection of Container	0 or 1	A collection of all containers associated with the application.

Element	Node Name	Req	Data Type	Count	Notes
Statements	StatementCode	No	String (500)	0 or 1	Statement record(s) matching codes is inserted into the remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple Statement Code values.
Placeholder Code	PlaceholderCode	No	String (64)	0 or 1	Placeholder values matching codes is inserted into the statements that are in turn inserted into remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple Placeholder Code values.

Element	Node Name	Req	Data Type	Count	Notes
Placeholder Value	PlaceholderValue	No	String (64)	0 or 1	Placeholder values matching placeholder codes are inserted into statements indicated that are in turn inserted into remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple values for multiple Placeholder Code entries.
Replacement history remarks	ShowReplacementHistoryRemarks	No	Boolean	1	<b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b> ) 9060-6 and 9060-5 PDFs true or 1 – PHIS generated replacement history remarks false or 0 – Do not include PHIS generated history remarks

Element	Node Name	Req	Data Type	Count	Notes
Display export remarks (unique identifier)	ShowExportMarkRemarks	No	Boolean	1	<p><b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b>)</p> <p>9060-6 and 9060-5 PDFs</p> <p>true or 1 – PHIS generated remarks when unique identifier value is entered as the export mark</p> <p>false or 0 – Do not include PHIS generated remarks when unique identifier value is entered as the export mark</p>
Display container remarks	ShowContainerRemarks	No	Boolean	1	<p><b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b>)</p> <p>9060-6 and 9060-5 PDFs</p> <p>true or 1 – PHIS generated container remarks with container data value</p> <p>false or 0 – Do not include PHIS generated container remarks</p>

Element	Node Name	Req	Data Type	Count	Notes
Display seal remarks	ShowSealRemarks	No	Boolean	1	<b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b> ) 9060-6 and 9060-5 PDFs true or 1 – PHIS generated seal remarks with seal data value false or 0 – Do not include PHIS generated seal remarks
Display Port of Entry remarks	ShowPortRemarks	No	Boolean	1	<b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b> ) 9060-6 and 9060-5 PDFs true or 1 - PHIS generated port of entry remarks with port data value false or 0 - Do not include PHIS generated port of entry remarks
Export Application Products	ExportApplication9060Products	Yes	Collection of Export Application 9060 Product	1	A collection of all products in the application for export.

### Export Application 9060 Replacement

This structure contains the Replacement tag and represents the 1:1 replacement of an approved 9060 certificate.

This structure is largely the same as Export Application 9060 except for the presence of the Application Number element, which can be used as an alternate identifier for the approved application, and Products are represented by a more restricted Product block.

This operation differs from an Update in that this operation, if successful, results in one new Application Number. All Update operations keep the existing Application Number.

Table 6: Export Application 9060 Replacement Structure

Element	Node Name	Req	Data Type	Count	Notes
Additional Statement	AdditionalStatement	No	String (500)	0 or 1	Any additional statements to make regarding the application or any of the products.
Applicant	Applicant	No/ Yes	Applicant	0 or 1	<p>The name of the individual responsible for the 9060 application. This name goes in the signature section of the 9060 application.</p> <p><b>Once an application has been created through the batch process, the only way to update this value is through an Export Application 9060 Update structure. The Applicant field is not available in the user interface when editing an application record.</b></p>

Element	Node Name	Req	Data Type	Count	Notes
Application Number	ApplicationNumber	See note	Application Number	0 or 1	The PHIS-generated Application Number that uniquely identifies the application. PHIS uses this field over the Application UID if both are provided. This field is required if ApplicationUID is not present.
Application UID	ApplicationUID	See note	GUID	0 or 1	An arbitrary unique identifier assigned by the applicant to identify the application. This field is required if ApplicationNumber is not present.
Country of Destination	CountryOfDestination	Yes	String (3)	1	The country code where the export is immediately headed. This can be: <ul style="list-style-type: none"> <li>• 2-character country code</li> <li>• 3-character country code</li> <li>• 3-digit country code</li> </ul>

Element	Node Name	Req	Data Type	Count	Notes
Country of Final Destination	CountryOfFinalDestination	Yes	String (3)	1	The country code where the export is ultimately headed. This can be: <ul style="list-style-type: none"> <li>• 2-character country code</li> <li>• 3-character country code</li> <li>• 3-digit country code</li> </ul>
Export Application Attachments	ExportApplicationAttachments	No	Collection of Attachment	0 or 1	A collection of all attachments associated with this application.
Consignor/ Exporter	ConsignorExporter	Yes	Import/Export Entity	1	The block containing the consignor/exporter information.
Export Establishment Number	ExportEstablishmentNumber	Yes	String (64)	1	The official establishment number of the exporting establishment.  Include the predominant Grant type as it applies to the application, i.e. M9999 or P1111.
Include Prefix	IncludePrefix	No	Boolean	1	<b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b> )  9060-6 and 9060-5 PDFs  true or 1 – Include Commodity prefix  false or 0 – Do not include Commodity prefix

Element	Node Name	Req	Data Type	Count	Notes
I Certify Statement	ICertifyStatement	No/Yes	String (selection)	0 or 1	Acceptable values are: <ul style="list-style-type: none"> <li>• Meat</li> <li>• Poultry</li> <li>• Meat and Poultry</li> <li>• Siluriformes Fish</li> <li>• None of the Above</li> </ul>
Consignee/Importer	ConsigneeImporter	Yes	Import/Export Entity	1	The block containing the consignee/importer information.
Reason for Replacement	ReasonForReplacement	Yes	Integer	1	The reason the replacement is requested. Acceptable values are: <ul style="list-style-type: none"> <li>• 1: Lost Certificate</li> <li>• 2: Incorrect Certificate</li> <li>• 3: Importer/Exporter Changed</li> <li>• 4: Certificate Missing Required Information</li> <li>• 5: Importing Country Border Closure</li> </ul>

Element	Node Name	Req	Data Type	Count	Notes
Shipment Type	ShipmentType	No/ Yes	Integer	0 or 1	Acceptable values are:” <ul style="list-style-type: none"> <li>• 1: Commercial Sale</li> <li>• 2: Personal Consumption</li> <li>• 3: Ships Store</li> <li>• 4: U.S. Military</li> <li>• 5: Samples</li> <li>• 6: U.S. Embassy</li> <li>• 7: Airlines</li> </ul>
Submit	Submit	Yes	Boolean	1	The Submit field is required. See note on page 23.  More information on the Submit Flag and submission is on page 8.
Total Net Weight in Pounds	TotalNetWeightInPounds	See Note	Weight	0 or 1	The total net weight of all the products in pounds.  This field or Total Net Weight in Kilograms is required to submit the application.
Total Net Weight in Kilograms	TotalNetWeightInKilograms	See Note	Weight	0 or 1	The total net weight of all the products in kilograms.  This field or Total Net Weight in Pounds is required to submit the application.

Element	Node Name	Req	Data Type	Count	Notes
Unique Identifier	UniqueIdentifier	See note	String (50)	0 or 1	The unique identifier to use as the export mark. This cannot be used in conjunction with USDA Export Mark.  This field is required if tag UsdaExportMark = 2.
USDA Export Mark	UsdaExportMark	No/ Yes	Integer	0 or 1	Acceptable values are: <ul style="list-style-type: none"> <li>• 1: USDA Export Mark</li> <li>• 2: Unique Identifier</li> </ul>
Final Destination Port	FinalDestinationPort	No	String	0 or 1	This is the receiving port for the importing country. This corresponds to the field labeled Port of Entry in the PHIS user interface.
Containers	Containers	No	Collection of Container	0 or 1	A collection of all containers associated with this application

Element	Node Name	Req	Data Type	Count	Notes
Statements	StatementCode	No	String (500)	0 or 1	Codes assigned to statement records documented in PHIS to indicate inclusion in Application and Certificate packages. Statements apply to Importing Countries or Importing Country/Species combinations.
Placeholder Code	PlaceholderCode	No	String (64)	0 or 1	Placeholder values are inserted into the statements that are in turn inserted into Remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple Placeholder Code values.

Element	Node Name	Req	Data Type	Count	Notes
Placeholder Value	PlaceholderValue	No	String (64)	0 or 1	Placeholder values are inserted into the indicated statements that are in turn inserted into remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple values for multiple Placeholder value entries.
Replacement history remarks	ShowReplacementHistoryRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs  true or 1 - PHIS generated replacement history remarks  false or 0 - Do not include PHIS generated history remarks

Element	Node Name	Req	Data Type	Count	Notes
Display export remarks (unique identifier)	ShowExportMarkRemarks	No	Boolean	1	<p><b>true</b> or <b>false</b>(or <b>1</b> or <b>0</b>)</p> <p>9060-6 and 9060-5 PDFs</p> <p>true or 1 - PHIS generated remarks when unique identifier value is entered as the export mark</p> <p>false or 0 – Do not include PHIS generated remarks when unique identifier value is entered as the export mark</p>
Display container remarks	ShowContainerRemarks	No	Boolean	1	<p><b>true</b> or <b>false</b>(or <b>1</b> or <b>0</b>)</p> <p>9060-6 and 9060-5 PDFs</p> <p>true or 1 - PHIS generated container remarks with container data value</p> <p>false or 0 - Do not include PHIS generated container remarks</p>

Element	Node Name	Req	Data Type	Count	Notes
Display seal remarks	ShowSealRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 - PHIS generated seal remarks with seal data value false or 0 - Do not include PHIS generated seal remarks
Display Port of Entry remarks	ShowPortRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 - PHIS generated port of entry remarks with port data value false or 0 - Do not include PHIS generated port of entry remarks
Export Application 9060 Product Replacement	ExportApplication9060Products	Yes	Collection of Export Application 9060 Product Replacement	1	A collection of products from the original approved certificate. Changes from original values are limited to Product Name(s) and decreases in marked Net Weight of Lot values

## Export Application 9060 Paper Replacement

This structure contains the Export Application 9060 Paper Replacement tag represents a request to replace an existing paper export certificate with a digital application in PHIS. This differs from a Replacement application in that it does not require an existing certificate in PHIS.

*Table 7: Export Application 9060 Paper Replacement Structure*

Element	Node Name	Req	Data Type	Count	Notes
Additional Statement	AdditionalStatement	No	String (500)	0 or 1	Any additional statements to make regarding the application or any of the products.
Applicant	Applicant	No/Yes	Applicant	0 or 1	The name of the individual responsible for the 9060 application. This name goes in the signature section of the 9060 application.  <b>Once an application has been created through the batch process, the only way to update this value is through an Export Application 9060 Update structure. The Applicant field is not available in the user interface when editing an application record.</b>
Application Number	ApplicationNumber	Yes	Application Number	1	The original paper application number is inserted into the Applicant Number field to create a 1:1 paper replacement. The format should be three letters and six numbers, for example: MPL123456.  This field is required when creating a 1:1 paper replacement application record.

Element	Node Name	Req	Data Type	Count	Notes
Application UID	ApplicationUID	Yes	GUID	1	An arbitrary unique identifier assigned by the applicant to identify the application.
Country of Destination	CountryOfDestination	Yes	String (3)	1	The country code where the export is immediately headed. This can be: <ul style="list-style-type: none"> <li>• 2-character country code</li> <li>• 3-character country code</li> <li>• 3-digit country code</li> </ul>
Country of Final Destination	CountryOfFinalDestination	Yes	String (3)	1	The country code where the export is ultimately headed. This can be: <ul style="list-style-type: none"> <li>• 2-character country code</li> <li>• 3-character country code</li> <li>• 3-digit country code</li> </ul>
Export Application Attachments	ExportApplicationAttachments	No	Collection of Attachment	0 or 1	A collection of all attachments associated with this application. This block is optional.
Consignor/ Exporter	ConsignorExporter	Yes	Import/Export Entity	1	The block containing the consignor/exporter information.
Export Establishment Number	ExportEstablishmentNumber	Yes	String (64)	1	The official establishment number of the exporting establishment. Include the predominant Grant type as it applies to the application, i.e. M9999 or P1111.

Element	Node Name	Req	Data Type	Count	Notes
Include Prefix	IncludePrefix	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 – Include Commodity prefix false or 0 – Do not include Commodity prefix
I Certify Statement	ICertifyStatement	No/Yes	String (selection)	0 or 1	Acceptable values are: <ul style="list-style-type: none"> <li>• Meat</li> <li>• Poultry</li> <li>• Meat and Poultry</li> <li>• Siluriformes Fish</li> <li>• None of the Above</li> </ul>
Consignee/Importer	ConsigneeImporter	Yes	Import/Export Entity	1	The block containing the consignee/importer information.
Reason for Replacement	ReasonForReplacement	Yes	Integer	1	The reason the replacement is requested. Acceptable values are: <ul style="list-style-type: none"> <li>• 1: Lost Certificate</li> <li>• 2: Incorrect Certificate</li> <li>• 3: Importer/ Exporter Changed</li> <li>• 4: Certificate Missing Required Information</li> <li>• 5: Importing Country Border Closure</li> </ul>
Shipment Type	ShipmentType	No/Yes	Integer	0 or 1	Acceptable values are: <ul style="list-style-type: none"> <li>• 1: Commercial Sale</li> <li>• 2: Personal Consumption</li> <li>• 3: Ships Store</li> <li>• 4: U.S. Military</li> <li>• 5: Samples</li> <li>• 6: U.S. Embassy</li> <li>• 7: Airlines</li> </ul>

Element	Node Name	Req	Data Type	Count	Notes
Submit	Submit	No/ Yes	Boolean	1	The Submit field is required. See note on page 23.  More information on the Submit Flag and submission is on page 8.
Total Net Weight in Pounds	TotalNetWeightInPounds	See Note	Weight	0 or 1	The total net weight of all the products in pounds.  This field or Total Net Weight in Kilograms is required to submit the application.
Total Net Weight in Kilograms	TotalNetWeightInKilograms	See Note	Weight	0 or 1	The total net weight of all the products in kilograms.  This field or Total Net Weight in Pounds is required to submit the application.
Unique Identifier	UniqueIdentifier	See note	String (50)	0 or 1	The unique identifier to use as the export mark. This cannot be used in conjunction with USDA Export Mark.  This field is required if tag UsdaExportMark = 2.
USDA Export Mark	UsdaExportMark	No/ Yes	Integer	0 or 1	Acceptable values are: 1: USDA Export Mark 2: Unique Identifier
Final Destination Port	FinalDestinationPort	No	String	0 or 1	This is the receiving port for the importing country. This corresponds to the field labeled Port of Entry in the PHIS user interface.
Containers	Containers	No	Collection of Container	0 or 1	A collection of all containers associated with this application.

Element	Node Name	Req	Data Type	Count	Notes
Statements	StatementCode	No	String (500)	0 or 1	Statement record(s) matching codes is inserted into the remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple Statement Code values.
Placeholder Code	PlaceholderCode	No	String (64)	0 or 1	Placeholder values matching codes is inserted into the statements that are in turn inserted into remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple Placeholder Code values.
Placeholder Value	PlaceholderValue	No	String (64)	0 or 1	Placeholder values matching placeholder codes are inserted into statements indicated that are in turn inserted into remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple values for multiple Placeholder value entries.
Replacement history remarks	ShowReplacementHistoryRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 - PHIS generated replacement history remarks false or 0 - Do not include PHIS generated history remarks

Element	Node Name	Req	Data Type	Count	Notes
Display export remarks (unique identifier)	ShowExportMarkRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 – PHIS generated remarks when a unique identifier value is entered as the export mark  false or 0 - Do not include PHIS generated remarks when a unique identifier value is entered as the export mark
Display container remarks	ShowContainerRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 - PHIS generated container remarks with container data value  false or 0 - Do not include PHIS generated container remarks
Display seal remarks	ShowSealRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 PHIS generated seal remarks with seal data value  false or 0 - Do not include PHIS generated seal remarks
Display Port of Entry remarks	ShowPortRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 PHIS generated port of entry remarks with port data value  false or 0 - Do not include PHIS generated port of entry remarks

Element	Node Name	Req	Data Type	Count	Notes
Export Application Products	ExportApplication9060 Products	Yes	Collection of Export Application 9060 Product Replacement	1	A collection of all products in the application for replacement.  IPP validate that weight values entered do not exceed original product and total net weights.

### Export Application 9060 Consolidate Replacement

This structure contains the tag called Export Application 9060 Consolidate Replacement and represents the consolidation of multiple 9060 certificates into one 9060 application.

*Table 8: Export Application 9060 Consolidate Replacement Structure*

Element	Node Name	Req	Data Type	Count	Notes
Source Applications	SourceApplications	Yes	Collection of Export Application 9060 Basic	1	This is a collection of 9060 certificates that are being consolidated into one application.
Consolidated Application	ConsolidatedApplication	Yes	Collection of Export Application 9060	1	Collection of 9060 source application data
Reason for Replacement	ReasonForReplacement	Yes	Integer	1	The reason the replacement is being requested.  Acceptable values are: <ul style="list-style-type: none"> <li>• 1: Lost Certificate</li> <li>• 2: Incorrect Certificate</li> <li>• 3: Importer/Exporter Changed</li> <li>• 4: Certificate Missing Required Information</li> <li>• 5: Importing Country Border Closure</li> </ul>

Table 9 represents a truncated view of a 9060-application data used for consolidations. The data contained in this object is a subset of the overall 9060 data and represents the fields that can be updated through the Batch Export process.

**Table 9: Consolidation Source Application**

Element	Node Name	Req	Data Type	Count	Notes
Additional Statement	AdditionalStatement	No	String (500)	0 or 1	Any additional statements to make regarding the application or any of the products.
Applicant	Applicant	No/Yes	Applicant	0 or 1	<p>The name of the individual responsible for the application. This name goes in the signature section of the 9060 application.</p> <p><b>Once an application has been created through the batch process, the only way to update this value is through an Export Application 9060 Update structure. The Applicant field is not available in the user interface when editing an application record.</b></p>
Application UID	ApplicationUID	Yes	GUID	1	An arbitrary unique identifier assigned by the applicant/broker to identify the application.
Country of Destination	CountryOfDestination	Yes	String (3)	1	<p>The country code where the export is immediately headed. This can be:</p> <ul style="list-style-type: none"> <li>• 2-character country code</li> <li>• 3-character country code</li> <li>• 3-digit country code</li> </ul>

Element	Node Name	Req	Data Type	Count	Notes
Country of Final Destination	CountryOfFinalDestination	Yes	String (3)	1	The country code where the export is ultimately headed. This can be: <ul style="list-style-type: none"> <li>• 2-character country code</li> <li>• 3-character country code</li> <li>• 3-digit country code</li> </ul>
Export Application Attachments	ExportApplicationAttachments	No	Collection of Attachments	0 or 1	A collection of all attachments associated with this application.
Consignor/ Exporter	ConsignorExporter	Yes	Import/Export Entity	1	The block containing the consignor/exporter information
Export Establishment Number	ExportEstablishmentNumber	Yes	String (64)	1	The official establishment number of the exporting establishment.  Include the predominant Grant type as it applies to the application, i.e. M9999 or P1111.
Include Prefix	IncludePrefix	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs  true or 1 – Include Commodity prefix  false or 0 – Do not include Commodity prefix
I Certify Statement	ICertifyStatement	No/ Yes	String (selection)	0 or 1	Acceptable values are: <ul style="list-style-type: none"> <li>• Meat</li> <li>• Poultry</li> <li>• Meat and Poultry</li> <li>• Siluriformes Fish</li> <li>• None of the Above</li> </ul>
Consignee/ Importer	ConsigneeImporter	Yes	Import/Export Entity	1	The block containing the consignee/ importer information

Element	Node Name	Req	Data Type	Count	Notes
Shipment Type	ShipmentType	No/ Yes	Integer	0 or 1	Acceptable values are: 1: Commercial Sale 2: Personal Consumption 3: Ship's Store 4: U.S. Military 5: Samples 6: U.S. Embassy 7: Airlines
Submit	Submit	Yes	Boolean	1	The Submit field is required. See note on page 23.  More information on the Submit Flag and submission is on page 8.
Total Net Weight in Pounds	TotalNetWeightInPounds	See Note	Weight	0 or 1	The total net weight of all the products in pounds.  This field or Total Net Weight in Kilograms is required to submit the application.
Total Net Weight in Kilograms	TotalNetWeightInKilograms	See Note	Weight	0 or 1	The total net weight of all the products in kilograms.  This field or Total Net Weight in Pounds is required to submit the application.
Unique Identifier	UniqueIdentifier	See note	String (50)	0 or 1	The unique identifier to use as the export mark. This cannot be used in conjunction with USDA Export Mark.  This field is required if tag UsdaExportMark = 2

Element	Node Name	Req	Data Type	Count	Notes
USDA Export Mark	UsdaExportMark	No/Yes	Integer	0 or 1	Acceptable values are: 1: USDA Export Mark 2: Unique Identifier
Final Destination Port	FinalDestinationPort	No	String	0 or 1	This is the receiving port for the importing country. This corresponds to the field labeled Port of Entry in the PHIS user interface.
Containers	Containers	No	Collection of Container	0 or 1	A collection of all containers associated with this application
Statements	StatementCode	No	String (500)	0 or 1	Statement record(s) matching codes is inserted into the remarks section of the application s to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple Statement Code values.
Placeholder Code	PlaceholderCode	No	String (64)	0 or 1	Placeholder values matching codes is inserted into the statements that are in turn inserted into remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple Placeholder Code values.

Element	Node Name	Req	Data Type	Count	Notes
Placeholder Value	PlaceholderValue	No	String (64)	0 or 1	Placeholder values matching placeholder codes are inserted into statements indicated that are in turn inserted into remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple values for multiple Placeholder Code entries.
Replacement history remarks	ShowReplacementHistoryRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 - PHIS generated replacement history remarks false or 0 - Do not include PHIS generated history remarks
Display export remarks (unique identifier)	ShowExportMarkRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 - PHIS generated remarks when unique identifier value is entered as the export mark false or 2 - Do not include PHIS generated remarks when unique identifier value is entered as the export mark

Element	Node Name	Req	Data Type	Count	Notes
Display container remarks	ShowContainerRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true - PHIS generated container remarks with container data value false or 0 - Do not include PHIS generated container remarks
Display seal remarks	ShowSealRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 - PHIS generated seal remarks with seal data value false or 0 - Do not include PHIS generated seal remarks
Display Port of Entry remarks	ShowPortRemarks	No	Boolean	1	<b>true or false (or 1 or 0)</b> 9060-6 and 9060-5 PDFs true or 1 - PHIS generated port of entry remarks with port data value false or 0- Do not include PHIS generated port of entry remarks
Export Application 9060 Product Replacement	ExportApplication9060Products	Yes	Collection of Export Application 9060 Product Replacement	1	A collection records for all products from the original approved certificates being replaced. Updates are limited to the Product Names and decreases in marked Net Weight of Lot values

### Export Application 9060 Split Replacement

This structure contains the tag Export Application 9060 Split Replacement and represents the splitting of one 9060 certificate into two or more new 9060 applications in XML form.

*Table 10: Export Application 9060 Split Replacement Structure*

Element	Node Name	Req	Data Type	Count	Notes
Source Application	SourceApplication	Yes	Export Application 9060 Basic	1	The 9060 certificate that is to be split into two or more applications.
Split Applications	SplitApplications	Yes	Collection of resulting Export Application 9060	1	These are collections of 9060 applications. The number of Split Application collections determines the number of resulting applications.
Split Application	SplitApplication	Yes	This is once instance of the resulting Export Application 9060	2 to n	These are individual 9060 applications.
Reason for Replacement	ReasonForReplacement	Yes	Integer	1	The reason the replacement is requested. Acceptable values are: 1: Lost Certificate 2: Incorrect Certificate 3: Importer/ Exporter Changed 4: Certificate Missing Required Information 5: Importing Country Border Closure

Element	Node Name	Req	Data Type	Count	Notes
Statements	StatementCode	No	String (500)	0 or 1	Statement record(s) matching codes is inserted into the remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple Statement Code values.
Placeholder Code	PlaceholderCode	No	String (64)	0 or 1	Placeholder values matching codes is inserted into the statements that are in turn inserted into remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple Placeholder Code values.

Element	Node Name	Req	Data Type	Count	Notes
Placeholder Value	PlaceholderValue	No	String (64)	0 or 1	Placeholder values matching placeholder codes are inserted into statements indicated that are in turn inserted into remarks section of the applications to be a part of the Certificate package by country or country/species combination. Repeat node sequence for multiple values for multiple Placeholder value entries.
Replacement history remarks	ShowReplacementHistoryRemarks	No	Boolean	1	<b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b> ) 9060-6 and 9060-5 PDFs true or 1 - PHIS generated replacement history remarks false or 0 - Do not include PHIS generated history remarks

Element	Node Name	Req	Data Type	Count	Notes
Display export remarks (unique identifier)	ShowExportMarkRemarks	No	Boolean	1	<p><b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b>)</p> <p>9060-6 and 9060-5 PDFs</p> <p>true or 1 - PHIS generated remarks when unique identifier value is entered as the export mark</p> <p>false or 0 - Do not include PHIS generated remarks when unique identifier value is entered as the export mark</p>
Display container remarks	ShowContainerRemarks	No	Boolean	1	<p><b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b>)</p> <p>9060-6 and 9060-5 PDFs</p> <p>true or 1 - PHIS generated container remarks with container data value</p> <p>false or 0 - Do not include PHIS generated container remarks</p>

Element	Node Name	Req	Data Type	Count	Notes
Display seal remarks	ShowSealRemarks	No	Boolean	1	<b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b> ) 9060-6 and 9060-5 PDFs true or 1 - PHIS generated seal remarks with seal data value false or 0 - Do not include PHIS generated seal remarks
Display Port of Entry remarks	ShowPortRemarks	No	Boolean	1	<b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b> ) 9060-6 and 9060-5 PDFs true or 1 - PHIS generated port of entry remarks with port data value false or 0 - Do not include PHIS generated port of entry remarks
Export Application 9060 Product Replacement	ExportApplication9060Products	Yes	Collection of Export Application 9060 Product Replacement	1	A collection of all products in the application for replacement. Updates to original data values are limited to Product Name(s) and decreases in marked Net Weight of Lot.

## Export Application 9060 Product

This structure provides details on individual products within new or update applications. This is the actual product being exported. This represents an entire line as seen on a 9060 application form.

*Table 11: Export Application Product Structure*

Element	Node Name	Req	Data Type	Count	Notes
Establishment Number on Product	EstablishmentNumberOnProduct	Yes	String (50)	0 or 1	The establishment number stamped on the shipping cartons.  Include the predominant Grant type as it applies to the application, i.e. M9999 or P1111.
Include Prefix	IncludePrefix	No	Boolean	1	<b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b> ) 9060-6 and 9060-5 PDFs  true or 1– Include Commodity prefix  false or 2– Do not include Commodity prefix
Frozen Shelf Stable	FrozenShelfStable	Yes	Boolean	0 or 1	<b>true</b> or <b>false</b> (or <b>1</b> or <b>0</b> )
HACCP Category	HaccpCategory	Yes	String (selection)	0 or 1	Acceptable values are: <ul style="list-style-type: none"> <li>• 03B</li> <li>• 03C</li> <li>• 03D</li> <li>• 03E</li> <li>• 03F</li> <li>• 03G</li> <li>• 03H</li> <li>• 03I</li> </ul>
Line Number	LineNumber	No	Integer	1	Number associated with the product allowing for identification of products otherwise not sent in via Batch Export.  <b>This value is not actively processed.</b>

Element	Node Name	Req	Data Type	Count	Notes
Maturity Less Than 30 Months	MaturityLessThan30Months	No/Yes	Boolean	0 or 1	<b>true or false (or 1 or 0)</b> No value or Null is accepted when the species is not beef.
Net Weight of Lot in Pounds	NetWeightOfLotInPounds	See Note	Weight	0 or 1	The total net weight of all the products in pounds. This field or Total Net Weight in Kilograms is required to submit the application.
Net Weight of Lot in Kilograms	NetWeightOfLotInKilograms	See Note	Weight	0 or 1	The total net weight of all the products in kilograms. This field or Total Net Weight in Pounds is required to submit the application.
Number of Packages in Lot	NumberOfPackagesInLot	Yes	Integer	0 or 1	A value greater than 0 must be entered.
Product Code	ProductCode	No	String (100)	0 or 1	The product code used in part to create the Description for the product.
Product Name	ProductName	Yes	String (100)	0 or 1	The name of the product used in part to create the Description for the product. This field is required to submit for approval.
Product UID	ProductUID	Yes	GUID	1	An arbitrary unique identifier assigned by the applicant to identify the individual product.
Shipping Identification Marks	ShippingIdentificationMarks	No	String (50)	0 or 1	The shipping/identification marks that links this product to an FSIS export certificate.

Element	Node Name	Req	Data Type	Count	Notes
Species	Species	Yes	String (selection)	0 or 1	<p>Acceptable values are:</p> <ul style="list-style-type: none"> <li>• Antelope</li> <li>• Beef</li> <li>• Bison</li> <li>• Buffalo</li> <li>• Catalo</li> <li>• Chicken</li> <li>• Deer</li> <li>• Duck</li> <li>• Egg Products</li> <li>• Elk</li> <li>• Emu</li> <li>• Goat</li> <li>• Goose</li> <li>• Guinea</li> <li>• Horse</li> <li>• Lamb</li> <li>• Mutton</li> <li>• Ostrich</li> <li>• Pheasant</li> <li>• Pork</li> <li>• Quail</li> <li>• Rabbit</li> <li>• Ratite</li> <li>• Reindeer</li> <li>• Rhea</li> <li>• Siluriformes Fish</li> <li>• Squab</li> <li>• Turkey</li> <li>• Veal</li> <li>• Water Buffalo</li> </ul> <p>Field is case-sensitive. <b>Species should be listed with the first letter upper case and the remaining letters lower case.</b></p>

Element	Node Name	Req	Data Type	Count	Notes
Type of Packages in Lot	TypeOfPackagesInLot	Yes	String (selection)	0 or 1	Acceptable values are: <ul style="list-style-type: none"> <li>• AG</li> <li>• BG</li> <li>• BI</li> <li>• BJ</li> <li>• BX</li> <li>• CA</li> <li>• COM</li> <li>• CS</li> <li>• CT</li> <li>• CX</li> <li>• DR</li> <li>• EC</li> <li>• FT</li> <li>• FX</li> <li>• IB</li> <li>• IC</li> <li>• JR</li> <li>• MB</li> <li>• NA</li> <li>• NE</li> <li>• NF</li> <li>• NG</li> <li>• PAL</li> <li>• PB</li> <li>• PK</li> <li>• PL</li> <li>• PO</li> <li>• PU</li> <li>• PX</li> <li>• SA</li> <li>• SW</li> <li>• TB</li> <li>• TN</li> <li>• TU</li> <li>• TY</li> <li>• VA</li> <li>• VP</li> <li>• 5M</li> </ul>

Element	Node Name	Req	Data Type	Count	Notes
Processing Establishments	ProcessingEstablishments	No	String (50)	0 or 1	The processing establishment is only displayed in the PHIS user interface when the importing country requires FSIS verification as part of the approval process.
Slaughter Establishments	SlaughterEstablishments	No	String (50)	0 or 1	The slaughter establishment is only displayed in the PHIS user interface when the importing country requires FSIS verification as part of the approval process

### Export Application 9060 Product Replacement

This structure provides information on an individual product within any replacement application. This represents a partial line as seen on a 9060 application form, exposing the only information that can be changed during a Replacement action.

*Table 12: Export Application Product Replacement Structure*

Element	Node Name	Req	Data Type	Count	Notes
Line Number	LineNumber	No	Integer	1	Number associated with the product allowing for identification of products otherwise not sent in via Batch Export  <b>This value is not actively processed.</b>
Product Name	ProductName	Yes	String (100)	0 or 1	The name of the product used in part to create the Description for the product.  The product name value can be changed.  This field is required to submit for approval.

Element	Node Name	Req	Data Type	Count	Notes
Net Weight of Lot in Pounds	NetWeightOfLotInPounds	See Note	Weight	0 or 1	The total net weight of all the products in pounds. This field or Total Net Weight in Kilograms is required to submit the application. Updates from original values are limited to decreases in marked Net Weight of Lot values.
Net Weight of Lot in Kilograms	NetWeightOfLotInKilograms	See Note	Weight	0 or 1	The total net weight of all the products in kilograms. This field or Total Net Weight in Pounds is required to submit the application. Updates from original values are limited to decreases in marked Net Weight of Lot values.
Number of Packages in Lot	NumberOfPackagesInLot	Yes	Integer	0 or 1	A value greater than 0 must be entered.
Product UID	ProductUID	Yes	GUID	1	An arbitrary unique identifier assigned by the applicant to identify the individual product.
Processing Establishments	ProcessingEstablishments	No	String (50)	0 or 1	The processing establishment is only displayed in the PHIS user interface when the importing country requires FSIS verification as part of the approval process.
Slaughter Establishments	SlaughterEstablishments	No	String (50)	0 or 1	The slaughter establishment is only displayed in the PHIS user interface when the importing country requires FSIS verification as part of the approval process

## Attachment

Table 13 represents a single document attached to a 9060 application for consideration when processing the application.

*Table 13: Attachment Structure*

Element	Node Name	Req	Data Type	Count	Notes
Description	Description	No	String (500)	0 or 1	Any additional information about the attached document.
Document Name	DocumentName	See note	String (260)	0 or 1	The filename of the attached document (without path). This field is required when the Attachments tag is populated.
Attachment Type	AttachmentType	No	String (selection)	0 or 1	Identifies if the attached document is Supplemental or Supportive. Acceptable values are: <ul style="list-style-type: none"> <li>• Supplemental</li> <li>• Supportive</li> </ul>
Subtype	Subtype	See note	String (selection)	0 or 1	When paired with a Supplemental attachment type identifies whether the attached document is defined as Other or Transit Letterhead. Acceptable values are: <ul style="list-style-type: none"> <li>• Other</li> <li>• TransitLetterhead</li> </ul> This field is required for submittal when the Attachment Type = Supplemental.
Transit Country	TransitCountry	See note	String (3)	0 or 1	Identifies the country for the Transit Letterhead Certificate. This field is required for submittal when the Subtype = TransitLetterhead.

Each attachment node also contains an attribute named **AttachmentType**. This attribute has two possible values:

- **Supplemental:** Indicates that this attachment is required for approval, which can be paired with the following subtypes:
  - Other
  - TransitLetterhead
- **Supportive:** Indicates that this attachment is not required but is useful in evaluating the application

## Container

Table 14 represents the container information for products in the 9060 application. Repeat node when multiple commercial seal and container values apply.

*Table 14: Container Structure*

Element	Node Name	Req	Data Type	Count	Notes
Commercial Seal Number	CommercialSealNumber	No	String (100)	0 or 1	The seal number found on the container.
Commercial Container Number	CommercialContainerNumber	No	String (100)	0 or 1	The number found on the container.

## PHIS ID

This represents the arbitrary ID used to identify entities within PHIS for permission assignment. This value is set within PHIS. The format is as follows:

C-CCCC-9999

The first character can be E, S, or U. The next four characters allow for any capital combination of characters. The final four represent any digit.

The rules within Batch Export allow for more flexibility than the standard format. The central four characters could be as few as three characters and there is no true upper limit. Likewise, the numeric portion at the end can be one or more.

PHIS checks this ID against the database to ensure that it exists before processing continues. PHIS-IDs for individual export users can be found in the upper right corner of the page after the name of the person logged in. Plant Management users can view their establishment's PHIS-ID from their Select Establishment page.

## Permission

Table 15 represents the permissions granted or denied a user. The individual elements are as follows:

*Table 15: Permission Structure*

Element	Node Name	Req	Data Type	Count	Notes
ID	ID	Yes	PHIS ID	1	The ID of the entity either being granted or denied permissions.
Permission	Permission	Yes	String (selection)	1	Acceptable values are: <ul style="list-style-type: none"> <li>• Read</li> <li>• Read Write</li> <li>• Read Write Access</li> </ul>

## Access Control

Table 16 shows how PHIS applies permissions to any and all applications within the Batch File. At least one entity has to be granted permissions in a Batch File. In the event of conflicting permissions, PHIS assumed the most pessimistic (restrictive) option. The individual elements are as follows:

*Table 16: Access Control Structure*

Element	Node Name	Req	Data Type	Count	Notes
Grant	Grant	No/ Yes	Permission	1	A list of all entities that are specifically allowed access to the application.
Deny	Deny	No	Permission	0 or 1	A list of all entities that are specifically denied access to the application.

### Address

Table 17 is the basic structure identifying the accepted address information for a company, person, or entity in PHIS. The individual elements are as follows:

*Table 17: Address Structure*

Element	Node Name	Req	Data Type	Count	Notes
Address Line 1	AddressLine1	No/ Yes	String (250)	0 or 1	
Address Line 2	AddressLine2	No	String (250)	0 or 1	
Address Line 3	AddressLine3	No	String (250)	0 or 1	
City	City	No/ Yes	String (250)	0 or 1	
Country	Country	No/ Yes	String (3)	0 or 1	This code can be (country code formats should not be mixed within a record): <ul style="list-style-type: none"> <li>• 2-character country code</li> <li>• 3-character country code</li> <li>• 3-digit country code</li> </ul>
Postal Code	PostalCode	No/ Yes	String (20)	0 or 1	

Element	Node Name	Req	Data Type	Count	Notes
State or Territory	StateOrTerritory	See note	String (4)	0 or 1	Two character (A-Z, case-insensitive) abbreviation for the State or Territory information. If no state or territory exists, enter the value NA.  This field is required for Consignor/Exporter Address to submit for approval.  This field is optional for Consignee/Importer address and if not included, the node can be excluded.
Telephone	Telephone	No	String (16)	0 or 1	

### Applicant

Table 18 represents the user who is taking responsibility for the 9060 application.

*Table 18: Applicant Description Structure*

Element	Node Name	Req	Data Type	Count	Notes
Applicant First Name	ApplicantFirstName	No/Yes	String (50)	1	First name of the individual taking responsibility for the application.
Applicant Last Name	ApplicantLastName	No/Yes	String (50)	1	Last name of the individual taking responsibility for the application.

### Application Number

This represents the Application/Certificate number for the 9060. This is restricted to seven digits for all applications with the exception of Export Application 9060 Paper Replacement. Paper applications use nine alphanumeric characters.

### Boolean

This is a simple data type indicating true/false, yes/no, on/off. The only allowed data elements are **true** or **false** (or **1** or **0**). The values are case sensitive, so True results in an error.

### Email

This is a basic structure identifying the accepted format for email addresses. This is the simple data type of string.

### GUID

This is a basic structure representing a standard GUID element. This structure is composed of the simple data type string. Some examples are:

5EA12D76-6668-4932-8184-089E5A1055C2

D1D498AC-E255-4104-8E76-2F110E020BC9

39F9D6BD-DA01-4D63-BC88-4E0D3C995EA1

CA4ACF0F-8D28-41C1-9035-2113EBCBA878

DCFE97E1-3BDF-4C1B-A044-0DEEE1356BFB

The format expected is defined in short as [0-9a-fA-F]{8}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{4}-[0-9a-fA-F]{12}. This expanded into the following:

- 8 alphanumeric characters
- A dash
- Four alphanumeric characters
- A dash
- Four alphanumeric characters
- A dash
- Four alphanumeric characters
- A dash
- Twelve alphanumeric characters

The criteria listed above has the following restrictions:

- Alphanumeric data is considered any number 0-9 (inclusive) or character A-F (inclusive)
- Character casing is not considered (i.e. 'ABCDE' is considered equal to 'abcde')

Care should be taken when working with GUIDs. They should be generated programmatically every time a new GUID is required. If a GUID is reused, PHIS assumes that the information associated with that GUID is an update. Likewise, applicants should record used GUIDs in the event data needs to be updated. The GUID is not visible in the user interface.

### Import/Export Entity

Table 19 is the structure that defines a consignor/exporter or consignee/importer entity. The format is the same for consignee/importers and consignor/exporters.

*Table 19: Import/Export Entity Structure*

Element	Node Name	Req	Data Type	Count	Notes
Name	Name	Yes	String (64)	0 or 1	Name of the entity be it a person or company.
Address	Address	No/ Yes	Address	0 or 1	The official address of the entity.

### Weight

Weight is a decimal value but grouped into its own type for ease of maintenance. It allows for a maximum inclusive value of 9,999,999.9999.

In all application types, weight is available in pounds or kilograms. Both nodes are marked as optional but at least one node is expected to have a value to submit the application for approval.

## Service Accounts

The NDA/ISA organizational level agreement must be completed prior an organization/establishment transferring export files from their system to PHIS using machine-to-machine communication. Additionally, there is the creation of the service accounts and the associated authorization username and password, which are required for connecting and passing data to the web service.

Completing the NDA/ISA and setting up the service accounts is required only when uploading files through the web service. An identity verified eAuth account is necessary to complete the NDA/ISA and to create the authentication username and password information. The web service connection is managed through IP Filtering, roles, and the authentication information.

The following steps need to be performed to create access accounts for the web service connection.

- 1) Create and Accept an NDA/ISA Agreement
- 2) Create a service account
- 3) Generate authorization credentials (username and password) required to connect and pass data to the web service

### Creating and Accepting NDA/ISA Agreement

When first entering the Service Accounts menu, PHIS displays a message if an NDA/ISA Agreement has not been completed. Select the **Open NDA/ISA Agreement** link.



*Figure 4 - NDA/ISA Agreement Page*

Complete the Industry System Owner and Manager/Supervisor information. Enter the valid IP filter ranges required to complete the agreement. The IP addresses entered here authenticate the machine(s) connecting to the web service. The IP addresses should be static and need to be visible to the web service for the authentication process. Entering multiple individual IP addresses is done by using a semicolon delimiter or ranges can be entered using a hyphen. The final step is to accept the terms of the agreement. Complete the checkbox associated with accepting the terms of the agreement. Anytime there is a new or updated agreement, PHIS sends an email to the Industry Owner and Manager/Supervisor

**Figure 5 - NDA/ISA Agreement (New) Page**

- NDA/ISA acceptance
  - Must be renewed every 3 years, any edits initiate a new agreement.
  - Reviewed by USDA/FSIS annually

## Creating and Modifying Service Accounts

The service account is the machine-level settings needed to connect to the web service. You can create multiple accounts to provide distributed access. Select the **Create an Account** link to begin the process. PHIS displays a page so you can complete the Account Name, Roles, and a description of the account. Once created, the service account grid displays information about the existing account and provides an

option to delete the account. To access the account details, select **Open**. The Service Account page (see *Figure 6*) enables you to edit the Account Name, Description, Active Status, and Roles.

This page also displays the service account credentials that are needed to initiate contact with the web service. Select **Generate Credentials** to generate the username and password. The credentials are valid for 90 days before expiring. If at any point new credentials are needed, they can be created by selecting the same link. Passing these credentials to the web service is necessary in order to initiate the connection.

Service Account

Organization:

---

**General Information**

Account Name: Applicant Account Status: ✔ Active [\[ Deactivate \]](#)

Description: Batch Export account Last updated by [Clarkson Applicant](#) on 6/8/2017.

[\[Edit\]](#)

---

**Credentials**

Reset before: 9/6/2017

User Name: 21B823191A244C29B99F5EF3C85DB068

Password: 505CDBDEAECA5F51111CB960339BA69C

[\[Generate Credentials\]](#) [\[Hide Credentials\]](#)

---

**Roles**

Available Roles: No more roles to assign

Assigned Roles: ✘ [\[Delete\]](#) Export Batch Submitter

**Figure 6 - Service Account Page**

## Limits on Service Account Access

There are a number of prerequisites to access the web service.

- The agreement is signed, and the status is Active.
- Client submitted valid credentials.
- Requests originate from allowed IP ranges.
- Requests originate from specified IP addresses (from agreement that the service accounts are associated with).
- Service account is assigned expected roles (service-specific step).

## Modifying NDA/ISA

When you need to make updates to the Industry System Owner or the Manager/Supervisor information associated with the agreement, select the Reset link and input the new data. Any changes to the original agreement, including updating valid IP filtering ranges, set in motion a new agreement and the terms must be accepted. The changes do not modify the existing agreement but create a new agreement. This new agreement resets the start date and is valid for up to three years.

When a completed NDA/ISA exists, the Configuration tab enables you to view or edit the agreement.



Figure 7 - Configuration Tab to Access the NDA/ISA

## Service Call Log

This tab provides important information about any attempted connections to a service account. This is helpful for verifying that the IP address for the machine connecting to the web service is valid in the NDA/ISA.

## Creating a Software Application for Web Service Connections

The development of the web service had the intent to be technology agnostic. The service is SOAP-based (Simple Object Access Protocol), meaning it allows programs that run on disparate operating platforms to communicate using HTTPS protocol. It supports WS-I Basic Profile 1.1 specification and SOAP 1.1 as a messaging protocol.

The web service exposes the service description as an XML document conforming to the Web Service Description Language (WSDL). The WSDL defines the methods the web service makes available. It also defines how client applications interact with it.

The web service uses WS-Security 1.0 for message security. All application messages between the client and server are signed and encrypted using an X509 certificate. For example, the web service is using *username* and *password* to authenticate a caller.

Initial connection to the web service:

1. The Web Service Description (WSD) can be retrieved from the web service.
  - For **testing purposes**, use the following service address:  
<https://phissvccert2.fsis.usda.gov/ExportBatchServicesDmzITE/ExportBatchProcessingDmzService.svc>
  - For **production** implementation, use the following service address:  
<https://phisservices.fsis.usda.gov/ExportBatchServicesDmz/ExportBatchProcessingDmzService.svc>
2. Right-click your project and choose **Add Service Reference...**
3. Select **Advanced...**
4. Select **Add Web Reference...**
5. Add the URL listed above in the URL text box
6. Add a name for your reference in the **Web reference name** text box
7. Select **OK** on all the forms

The application has to complete a number of steps to finalize the connection to the web service.

1. **Prepare** input data (parameters and a batch file).
2. **Instantiate** the proxy object.
3. **Set** username and password (from a service account)
4. **Call** service methods using the proxy object.
5. **Check** returned values.
6. **Dispose** the proxy object.

Implementation for testing uses Microsoft .NET Framework 4.5 and Windows Communication Foundation (WCF) 4.5.

Once the web service connection has been established, files can be sent to PHIS or status requests on previously sent files can be requested. The request response includes a combination of milestone messages and error messages. These messages help with identifying if the processing was successful, where errors were encountered, and details to any issues with the file uploaded.

## Access to Application Records

PHIS controls access to 9060 application records based on which user identifier(s), also known as PHIS ID(s), are associated with the application. PHIS IDs can be assigned to individuals or establishment entities. If you grant access to an establishment entity, you are granting access to all users associated with that entity that also have the Export Applicant role. For more information on PHIS IDs, see the next section on page 70.

There are also different levels of access: Read-Only, Read-Write, and Read-Write and Access. You can also use the Grant or Deny settings in your XML/Excel files to define access.

In the User Interface, access information is maintained on the Access Control tab. You must include access control information within XML or Excel files in order to access the resulting application through the UI and retrieve Batch Results. When creating an application in the UI, full access defaults to the user who created the application in the UI.

## PHIS ID

All industry and corporate users, establishments in PHIS are assigned a PHIS ID. For individuals, the PHIS ID is located next to the login name in the upper-right corner. You can find the PHIS ID for a single establishment by going to the Access Control page and searching for the establishment.

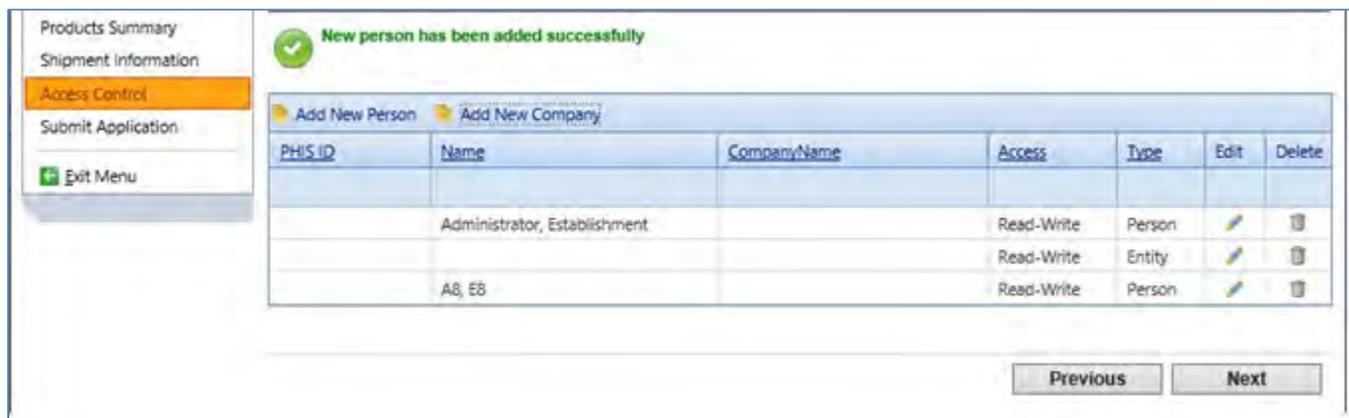
There are two types of PHIS IDs – Entity PHIS IDs and User PHIS IDs

- Entity PHIS IDs are for establishments entities
- User PHIS IDs are for individuals, such as establishment and corporate-level users

If you change establishments, your PHIS ID moves with you. It is up to the Establishment Administrators at each establishment to manage active user accounts and remove the applicable work area(s) from the user accounts of former employees.

## Application Access Control

Access to an application is set within the application data file or through the user interface on the Access Control page.



The screenshot shows a web application interface for 'Application Access Control'. On the left is a navigation menu with options: Products Summary, Shipment Information, Access Control (highlighted), Submit Application, and Exit Menu. The main content area features a green success message: 'New person has been added successfully'. Below this are two buttons: 'Add New Person' and 'Add New Company'. A table displays the following data:

PHIS ID	Name	CompanyName	Access	Type	Edit	Delete
	Administrator, Establishment		Read-Write	Person		
			Read-Write	Entity		
A8, E8			Read-Write	Person		

At the bottom right of the table area are 'Previous' and 'Next' navigation buttons.

**Figure 8 - Application Access Control for Applications Online**

The Access Control page within the application allows you to grant or deny access to the 9060 application. By selecting **Add New Person** (includes users with Establishment and Corporate level and Export Brokers roles) or **Add New Company**, PHIS displays a new window so you can search for users or companies. At this time, the Deny access to an individual or a company function can only be inserted into a 9060 record when created or updated via batch processing.

**Person Search**

**Person Search Criteria**

PHIS ID:

First Name:

Last Name:

Select	PHIS ID	Name (First and Last)	Role	PHIS Type
<input type="checkbox"/>	U-DEST-27760	Establishment, Administrator	Establishment Administrator	Person
<input type="checkbox"/>	U-DEST-27761	Test, Test	Establishment Administrator	Person
<input type="checkbox"/>	U-CORP-27764	Ram, Corp	Corporate Administrator	Person
<input type="checkbox"/>	U-BRKR-27756	E8, A8	Export Broker	Person
<input type="checkbox"/>	U-DEST-27765	Henry, Baskerville	Export Applicant	Person

Page: 1 of 25 Go Page size: 5 Change Item 1 to 5 of 124

**Figure 9 - User Search for Access Control**

Once you add a user or entity, you can select that row and modify the access levels. The different access levels are:

- Read
  - This setting allows the user to view the application but not make updates to it
- Read Write
  - This setting allows the user to make updates to the application
- Read Write Access
  - This setting allows the user to make updates to the application and change the access to the application for other users by adding or removing permissions.

Be certain to review the different permission levels and set the access accordingly.

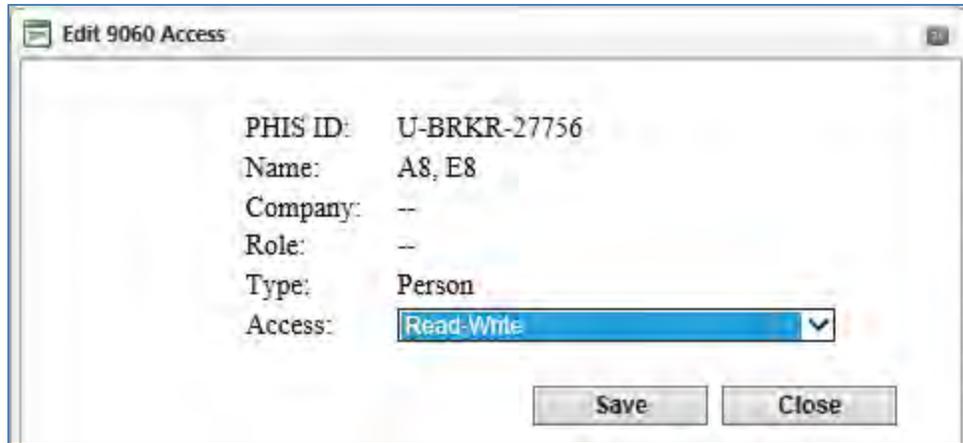


Figure 10 - Setting Access Control Levels

## Export Brokers

As an Export Broker, you enroll by logging into PHIS enrollment page using your identity verified eAuth account. Then complete the following steps:

1. On the FSIS Enrollment Application page, select **Submit Enrollment Request**.
2. Select **Next**.
3. For the account type, select **Export Broker**.
4. Complete the remainder of the enrollment pages.
5. Once the enrollment wizard is complete, PHIS sends an email with an Activation Code to the address recorded in your eAuth account.
6. From the email, copy your code to your clipboard.
7. Return to the Enrollment page.
8. Select **Enter an Activation Code**.
9. Paste the code.  
PHIS displays the home page.

## Appendix A – Additional Files

You can find the latest Batch XSD on the PHIS Upload File of Export Applications page. Likewise, you can find the latest template for Excel on the PHIS Upload File of Export Applications page. To access that page, from the left menu select **Batch Processing > Upload Files**.

## Appendix B – Common Error Messages

The following table provides a list of possible error messages to assist with identifying why a particular upload attempt failed. Some identify connection type issues and others are more for problems with the file itself.

*Table 20 Common Error Messages*

Error Text	Triggering Event
Failed to connect to PHIS. Waiting {0} minute(s).	An application could not be saved to PHIS. There is a timeout value set in the configuration allowing for the periodic attempt to save the information.  OR A Cancel application could not be saved to PHIS. There is a timeout value set in the configuration allowing for the periodic attempt to save the information.
Failed to connect to PHIS after {0} minute(s). Abandoning Save operation.	A connection could not be established and the allotted time for attempting reconnection has elapsed.
Failed to connect to PHIS after {0} minute(s). Abandoning Cancel operation.	A connection could not be established for a Cancel application and the allotted time for attempting reconnection has elapsed.
New Export Application missing I Certify statements. UID: {0}	The I Certify statement was not supplied with the application.
(Export Library rule set validation failure messages)	All Export Library rule set validation failures are passed through without modification.
The Application UID is blank/empty. To correct this error, fill out the ApplicationUID element.  Consolidation applications requests cannot already exist in PHIS.	An attempt was made to upload an application without an Application UID.
The Application UID {0} cannot be added to PHIS because it already exists in the database. {1} applications requests cannot already exist in PHIS.	An Application UID is already in use in the database.
A Cancel application requires either an Application UID or Application Number.	A Cancel file was used that was missing both the Application UID and the Application Number. At least one of these fields is required.

Error Text	Triggering Event
The Country of Destination is blank/empty. To correct this error, fill out the CountryOfDestination element.	An application the Country of Destination element was used.
The Country of Destination length is invalid. To correct, update the CountryOfDestination element to {0} characters.	The country code for the Country of Destination was not three digits.
The Country of Destination, {0}, does not exist in PHIS.	The country code for the Country of Destination was invalid.
The Country of Final Destination is blank/empty. To correct this error, fill out the CountryOfFinalDestination element.	An application was uploaded that was missing the Country of Final Destination.
The Country of Final Destination length is invalid. To correct, update the CountryOfFinalDestination element to {0} characters.	The country code for the Country of Final Destination was not three digits.
The Country of Final Destination, {0}, does not exist in PHIS.	The country code for the Country of Final Destination was invalid.
The Export Establishment Number is blank/empty. To correct this error, fill out the ExportEstablishmentNumber element.	An application in the batch file did not have an Export Establishment Number.
The Export Establishment Number, {0}, does not exist in PHIS.	The Export Establishment Number was invalid.
Application Number, {0}, did not have any products submitted with it.	An application in the batch file did not have any products (does not apply to Cancel applications).
A Product ID is blank/empty. To correct this error, fill out the ProductUID element.	A product for an application did not have a Product UID.
The weight of the lot for one of the products is negative. To correct this error, change the NetWeightOfLot element.	The weight of one or more products was listed as a negative number.
The weight of the lot for product {0} is negative. To correct this error, change the NetWeightOfLot element.	The weight of the specified product was negative.
The number of packages in a lot for one of the products is negative. To correct this error, change the NumberOfPackagesInLot element.	The number of packages for one or more products was listed as being negative.

Error Text	Triggering Event
The number of packages in a lot for product {0} is negative. To correct this error, change the NumberOfPackagesInLot element.	The number of packages of the specified product was negative.
The ApplicationUid {0} does not exist. To correct this error, change the ApplicationUid element.	The given Application UID does not exist in the system (does not apply to New applications).
The certification statement has not been filled out. To correct this, fill out the ICertifyStatement element.	The I Certify statement was missing from the application.
The application contains products that are not meat products. To correct this, edit the ICertifyStatement element.	The I Certify statement was in conflict with the product species.
The application contains products that are not poultry products. To correct this, edit the ICertifyStatement element.	The I Certify statement was in conflict with the product species.
The application contains products that are not meat or poultry products. To correct this, edit the ICertifyStatement element.	The I Certify statement was in conflict with the product species.
The application contains products that are not Siluriformes fish. To correct this, edit the ICertifyStatement element.	The I Certify statement was in conflict with the product species.
The Shipment type passed is invalid. To correct, update the ShipmentType element.	The Shipment Type fell outside of the expected enumeration range.
The Application type passed is invalid. To correct, update the ApplicationAction element.	The Application Type was an invalid type.
The Destination Country is blank/empty. To correct, fill out the CountryOfDestination element.	The Country of Destination was missing.
The Country Of Destination length is invalid. To correct, update the CountryOfDestination element to 3 characters.	The length of the Country of Destination code was invalid.
The Exporter Country Code is not a valid value. To correct this error, edit the ConsignorExporter Country element.	The Exporter's country code was invalid.

Error Text	Triggering Event
The Exporter Country Code {0} does not exist. To correct this error, edit the ConsignorExporter Country element.	The Exporter's country code was invalid.
The Exporter Country Code is not a valid value. To correct this error, edit the ConsignorExporter Country element.	The Importer's country code was invalid.
The Exporter Country Code {0} does not exist. To correct this error, edit the ConsignorExporter Country element.	The Importer's country code was not recognized.
The HACCP Category is blank/empty. To correct, fill out the HaccpCategory element.	The HACCP Code for a product was missing.
The HACCP Category length is invalid. To correct, update the HaccpCategory element to 3 characters.	The HACCP Code for a product was not the expected length.
The attachment {0} was not provided.	An attachment appears in the application that did not appear in the zip file.
Batch Processor: The application file was empty.	An application file was empty.
Batch Processor: The application file was empty.	The zip file did not contain any applications.
The XML file failed validation. {0}	The given XML file contained one or more XSD violations.
File larger than 5MB in the ZIP archive.	A PDF attachment exceeded the maximum allowed file size.
The ZIP archive was empty.	The zip file was empty.
There was no XML file in the ZIP archive.	The supplied Batch File did not have an XML file in it.
Too many XML files in ZIP archive.	The zip file contained more than the allowed number of XML files.
Unable to save milestone to the database.	A problem occurred when PHIS tried to save a milestone.

## Appendix C – Batch Defined Values

The fields in this section have values defined in either the schema or the code.

### Certification Statement - <ICertifyStatement>

*Table 21 Certification Statement*

Options
Meat
Poultry
Meat and Poultry
Siluriformes Fish
None of the Above

### HACCP Categories - <HaccpCategory>

*Table 22 HACCP Categories*

Code	Description
03B	Raw Product – Ground
03C	Raw product – Not Ground
03D	Thermally Processed – Commercially Sterile
03E	Not Heat Treated – Shelf Stable
03F	Heat Treated – Shelf Stable
03G	Fully Cooked – Not Shelf Stable
03H	Heat Treated but Not Fully Cooked – Not Shelf Stable
03I	Product with Secondary Inhibitors – Not Shelf Stable

### Access Control Type - <Type>

*Table 23 Access Control Type*

Type	Associated Action
Grant	Grants the associated permission
Deny	Prevent the identified user from accessing an application

## Access Control Permission – Permission

This is an attribute of the <Add> tag.

*Table 24 Access Control Permission*

Permission	Description
Read	Allows view only access to the application
Read Write	Allows changes to the application
Read Write Access	Allows changes to the application and changes to the access control of the application

## Replacement Reason - <ReasonForReplacement>

*Table 25 Replacement Reason*

Value	Reason
1	Lost Certificate
2	Incorrect Certificate
3	Importer/Exporter Changed
4	Certificate Missing Required Information
5	Importing Country Border Closure

## Package Type - <TypeOfPackagesInLot>

*Table 26 Package Type*

Code	Package Type Name
BG	Bag
FX	Bag, flexible container
MB	Bag. Multi-ply
5M	Bag, paper
EC	Bag plastic
BI	Bin (includes combos, totes)
BX	Box
BJ	Bucket
CX	Can, cylindrical

Code	Package Type Name
CA	Can, rectangular
CT	Canon
CS	Case
COM	Combo Bins
DR	Drum
FT	Foodtainer
JR	Jar
NA	Not available
PK	Package
IB	Package, display, cardboard
IC	Package, display, plastic
PL	Pail
PAL	Pallet
PX	Pallet
PB	Pallet, box
AG	Pallet, Shrink-wrapped
PO	Pouch
SA	Sack
SW	Shrink-wrapped
TY	Tank, Cylindrical
TN	Tin
PU	Tray or Tray Pack
TB	Tub
TU	Tube
NE	Unpacked or unpackaged
NF	Unpacked or unpackaged, single unit

Code	Package Type Name
NG	Unpacked or unpackaged, multiple unit
VP	Vacuum-packed
VA	Vat

## Species - <Species>

*Table 27 Species*

Species	
Antelope	Beef
Bison	Buffalo
Catalo	Chicken
Deer	Duck
Egg Products	Elk
Emu	Goat
Goose	Guinea
Horse	Lamb
Mutton	Ostrich
Pheasant	Pork
Quail	Rabbit
Ratite	Reindeer
Rhea	Siluriformes Fish
Squab	Turkey
Veal	Water Buffalo

## USDA Export Mark - <UsdaExportMark>

*Table 28 USDA Export Mark*

Value	Description
1	Using the USDA export mark
2	Using a unique identifier

**Attachment Type - <Type>***Table 29 Attachment Type*

<b>Value</b>	<b>Description</b>
Supplemental	Indicates that this attachment is required for approval
Supportive	Indicates that this attachment is not required but is useful in evaluating the application

**Subtype - <Subtype>***Table 30 Attachment Subtype*

<b>Value</b>	<b>Description</b>
Other	Indicates that this supplemental attachment is required for approval
TransitLetterhead	Indicates that this supplemental attachment is a TransitLetterhead and may require the signature of a PHV

## Shipment Type - <ShipmentType>

*Table 31 Shipment Type*

Value	Description
1	Commercial Sale
2	U.S. Military Installation
3	Personal Consumption
4	Ship's Stores
5	Samples
6	U.S. Embassy
7	Airlines

## Appendix D: Sample SOAP Request

This appendix includes two sections. The first section describes the parts of the SOAP request. The second section is a sample of the request.

### Export Batch machine-to-machine request format

**SOAP header** contains the Username and Password generated for an Export Applicant user. The username and password are found in the Batch Processing > Service Accounts menu then open the service account. This username and password along with the IP addresses whitelisted from the NDA/ISA is what authenticates the machine making the connection to the web service.

```
<soapenv:Header>
```

```
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" soapenv:mustUnderstand="1">
  <wsse:UsernameToken xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" wsu:Id="unt_20">
    <wsse:Username><User name></wsse:Username>
    <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText"><Password></wsse:Password>
  </wsse:UsernameToken>
</wsse:Security>
</soapenv:Header>
```

The **SOAP body** contains the information and data of the file for transfer to the web service.

The Export Batch DMZ service expects the following <soapenv:Body> for the Upload method.

```
(ExportBatchRequest2 instance in public ExportBatchResponse2 Upload(ExportBatchRequest2 request))
```

As per WSDL, the ExportBatchElement2 has the following schema:

```
<xs:complexType name="ExportBatchRequest2">
  <xs:sequence>
    <xs:element type="xs:string" name="BatchId" nillable="true" minOccurs="0"/>
    <xs:element type="xs:base64Binary" name="File" nillable="true" minOccurs="0"/>
    <xs:element type="xs:string" name="FileName" nillable="true" minOccurs="0"/>
    <xs:element type="xs:string" name="FileType" nillable="true" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

Note: Please make sure that all ExportBatchElement2 elements are specified in required order as below.

```
<soapenv:Body>
<NS1:Upload xmlns:NS1="http://schemas.fsis.usda.gov/2017/12/Phis/BatchProcessing">
  <NS1:request>
    <NS1:BatchId><client batch GUID></NS1:BatchId>
    <NS1:File><file content as Base64></NS1:File>
    <NS1:FileName><file name with extension></NS1:FileName>
    <NS1:FileType><file type: zip or xml></NS1:FileType>
  </NS1:request>
</NS1:Upload>
</soapenv:Body>
```

### Example of a machine-to-machine request

```
<?xml version="1.0" encoding="utf-8"?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd" soapenv:mustUnderstand="1">
      <wsse:UsernameToken xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" wsu:Id="unt_20">
        <wsse:Username>85765342BBFQ8686Z830797865432491K</wsse:Username>
        <wsse:Password Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#PasswordText">857F85609870NV6A59304643EF32TR74</wsse:Password>
      </wsse:UsernameToken>
    </wsse:Security>
  </soapenv:Header>
  <soapenv:Body>
    <NS1:Upload xmlns:NS1="http://schemas.fsis.usda.gov/2017/12/Phis/BatchProcessing">
```

<NS1:request>

<NS1:BatchId>999ZZ999-9999-9Z9Z-9999-999ZZ9Z9Z9Z99</NS1:BatchId>

<NS1:File>UEsDBBBQACAgIALWAKUwAAAAAANY54bWZtWFuTokYUft9f0TUPW8mD0qCoZHuptNCOZBAsLs7OvjHazlCr4AImMb8+pxEVR52d1NTUJqnlqftc2nP5vtMgYcnvfJGPjVd  
gwmR80FE1TO1dozLNlnOdxmny88ng0Q7dZXHC0PeJK0olUuUtPTnXSIP7H06gAV7aM4oX+R7xYxNGYeb/JEv5rscnTpDINi0Q6NSXszlWafXS1WIRyDXdwfkFexh6LXbTwi6jgSw4Rvf+6TosP  
Y2rcWM41MmnA/F8QViVZlhQsd1EDyVjCrXLzLhgyNPZcMzQCdEv9as1MFDom8xBfFcYGiH0au16AJsyZBpZBA8t10E99NvIZ2F97dISClD0eQEPTCpj5jjomomNQT+Cw/h0SPxQ6QoX8QMSE  
TDamXjBiToDcAaLXnmWEdhB67H20SvMPfk1EbTSi3g0LREY+8yaWwbZpQvnPIIBUhTpaDulsL5xoyfXbbUPA91R3sLejStQXfasZ7xU12d5PhBJapq5q5kBpM9wYmGqr0R5Q3GAyxoehoe2VK  
xQde+/cyJGugYYbdy5yfMiTkqF7nwm0lnFwXwAosVFnxPtKZxoUUTTR1G8XBLnJnn8kKTZ1o5nAGuRcHDnQ+cHHvOHAMRo4CPLMZoA5G3lZrMMmLBf2HHCZR0Sho6zCXMAYQJfpmDN  
WNm3gxEx4mKjm/TGDSgyQ4f5EL4Q7VLUQ3+fkE7GaV5ECyOdcV3t4rZGpJqEIDhws4BnQnkU7H2TScfCfQS6OPgk3+2Kwan3izgvK+Osl/egmsjdtKhRLpsQiyDZ8DtzQGSIx4VRDqV72rNub  
U8qrVDbftOFDhgnINSjtrPV9qQXOiK9Rvw1nKeFri2U/RWC8vIR4bH7qCHHhDUNmFUGD3tyE2p+kJD48YGQj/tSQ1kxz1pd9rfaAkNb17Wk3pd/Md4JYoWbGCao90jw0F1BfHX98u40OfRlGfaVj  
sSpBCNw4tbHj88F1YyhsBnORzTVmUVNwUtiXTB6MT5Jl6kD1m0FP6yhsG/d9b/YEfCJP665tYMwoShD+kwrCodGAmyGMREOtGTMJ9FW4yNouzLIWEFjI9VAkrFBB3L8tpaLJdLnk1jmI0c4tq  
CU5HhUUSBzyhrLvtzKtWIMk9WWm2109Xq3k/tytbtIpDqkZ29xMZZOitPi2+oQXvKMzfZaUdKWwV2PGtDBIn6F0/8R76Y+8KO60W2BoScyskwmk5XBqDzQcASTwwiHYuI4EeVcB2JNTEZRc  
UagL2xAdDBY5S08AiK8ZhXP3tRtFYAcud2Wocq6gDKKqheMDpxrkMVKV1Fbqpn/WtQrSo3H0fTL9EDz60ELA5ptsD5rAWpS11y3sQylg0Y9HXhZqIcYwPP/cyc7RtG4FmjEdzuMPD6Y7jibWbA  
q8LeeTv2qo24KdtGj2nYoI2O2u82sNzS6trHsitrH3Lq9WMSNWcfKwY9gWYoI+eUIFRbpl9naUXDlj/opPY57rfc7nYFriBg7T2vR/wTT4Ix8d21chPI/nQTKW5NAxq8kQVttqU3tVSSAG+OIJGjLd  
PhPSfAN3Msd7Qfuj3FvfHft94c9/Jra/1tFcO/++N+94P3P/b5n37zV961Ne+9Cid7ivnPVw6L8M9kLRLjRfi3hjChXyXNtGKGz6TbNJmyB0LYMh10ND63rfvOc4AXNPZUrDgI+IBsaM/U848aw6v  
6S/JC8ddv8B/g1QSwclhiXciB8FAAAOFAAAUESBAhQAFAAICAgAtYApTIY13IgfBQAADhQAABQAAAAbAAAAA AAAAA AAAAA AAAAAAsdjwslnlAKJNLcBAAGEFAAAAAA==</NS1:File>

<NS1:FileName>test.zip</NS1:FileName>

<NS1:FileType>zip</NS1:FileType>

</NS1:request>

</NS1:Upload>

</soapenv:Body>

</soapenv:Envelope>

## Appendix E: Service Calls and Responses

This appendix explains the available methods that can be called using Batch Machine to Machine including the parameters in the requests and responses. *For technical assistance, contact the FSIS Service Desk at 1-800-473-9135, 24 hours a day/7 days a week.*

Method Name	Action	Fields and Format in the Request	Fields and Format in the Response	Response XML
Upload	Used to upload a new batch file that containing application details.	<p><u>ExportBatchRequest2</u>: The name of the request object being sent to the service. It contains the following:</p> <ul style="list-style-type: none"> <li>• <u>BatchId</u>: Global unique ID of the batch. (Type: String)</li> <li>• <u>FileName</u>: The name of the file that is being sent to the service. (Type: String)</li> <li>• <u>File</u>: The file being sent to the service. (Type: Byte)</li> <li>• <u>FileType</u>: The type of the file being sent to the service. (Type: String)</li> </ul>	<p><u>ExportBatchResponse2</u>: The name of the response object being sent from the service. It contains the following:</p> <ul style="list-style-type: none"> <li>• <u>BatchId</u>: Global unique ID of the batch. (Type: String)</li> <li>• <u>Status</u>: The current status of the batch. (Type: String)</li> <li>• <u>ResponseSuccessMessages</u>: The success message related to the batch if applicable. (Type: mileStoneStatus2)</li> <li>• <u>ResponseFailureMessages</u>: The failure message related to the batch if applicable. (Type: mileStoneStatus2)</li> <li>• <u>LogMessageXml</u>: Empty when calling Upload Method. (Type: String)</li> </ul>	 Upload Output.xml

Method Name	Action	Fields and Format in the Request	Fields and Format in the Response	Response XML
GetStatus	Retrieves the status of a batch import based on the ID of the batch.	<p>ExportBatchRequest2: The name of the request object being sent to the service. It contains the following:</p> <ul style="list-style-type: none"> <li>BatchId: Global unique ID of the batch. (Type: String)</li> <li>FileName: The name of the file that is being sent to the service. (Type: String)</li> <li>File: The file(s) being sent to the service. (Type: Byte)</li> <li>FileType: The type of the file being sent to the service. (Type: String)</li> </ul>	<p>ExportBatchResponse2: The name of the response object being sent from the service. It contains the following:</p> <ul style="list-style-type: none"> <li>BatchId: Global unique ID of the batch. (Type: String)</li> <li>Status: The current status of the batch. (Type: String)</li> <li>ResponseSuccessMessages: The success message related to the batch if applicable. (Type: mileStoneStatus2)</li> <li>ResponseFailureMessages: The failure message related to the batch if applicable. (Type: mileStoneStatus2)</li> <li>LogMessageXml: For GetStatus Method this will contain details of the application including error and milestone logs in XML format. (Type: String)</li> </ul>	 <p>Get Status Output.xml</p>
GetBatchXsd	Retrieves the XSD file that is used to validate incoming batch XML files.	No details required.	Returns a string containing the contents of the XSD. The XSD defines what elements and attributes may appear in the XML applications. It also defines the relationship of the elements and what data may be stored in them.	 <p>Get Batch XSD Output.xml</p>
GetApplicationStatus	This is a placeholder.	Not Currently Implemented.	Not Currently Implemented.	

Method Name	Action	Fields and Format in the Request	Fields and Format in the Response	Response XML
GetBatchApplications	Retrieves a list of applications associated with the given batch identifier.	<p>The request being sent contains the following parameters:</p> <ul style="list-style-type: none"> <li>• PhisId: The current user's PHIS ID. (Type: String)</li> <li>• BatchIdentifier: The unique identifier of the batch. (Type: String)</li> </ul>	<p>ApplicationsearchResult2 – The name of the response object in the list. It contains the following:</p> <ul style="list-style-type: none"> <li>• ApplicationIdentifier: The unique identifier for the application. This property is set by the industry when the application is uploaded via batch. (Type: String)</li> <li>• ApplicationNumber: The PHIS application number, used as a human-readable unique identifier within the PHIS web. (Type: String)</li> <li>• ApplicationType: The application type, i.e. New, Cancel, Consolidate, Replacement, Split, Update. (Type: String)</li> <li>• AttachmentCount: The number of the attachments associated with the current application. (Type: Int)</li> <li>• CurrentState: The current status of the application i.e. Unsubmitted, Submitted, Reviewed by PHV, Signed by First PHV, Pending Upload, Approved, Rejected. (Type: String)</li> <li>• DateOfRequest: The date and time of the application request. (Type: DateTime)</li> <li>• LastUpdatedTimestamp: The date and time when the application was last updated/modified. (Type: DateTime)</li> <li>• OriginalCertificateNumber: The original, approved certificate number for replacements, splits and consolidations. (Type: String)</li> <li>• Submitted: Represents whether or not the application was sent in as submitted. (Type: Bool)</li> </ul>	 <p>Get Batch Applications Output</p>

Method Name	Action	Fields and Format in the Request	Fields and Format in the Response	Response XML
GetBatchUploads	Retrieves a list of batches that were sent by the current user.	<p>The request being sent contains the following parameters:</p> <ul style="list-style-type: none"> <li>PhisId: The current user's PHIS ID. (Type: String)</li> </ul>	<p>BatchSearchResult2 – The name of the response object in the list. It contains:</p> <ul style="list-style-type: none"> <li>BatchIdentifier: The unique identifier for the current batch. (Type: String)</li> <li>Name: The name of the batch file uploaded. (Type: String)</li> <li>ReceivedOn: The date and time when the current batch was received. (Type: DateTime)</li> </ul>	 <p>Get Batch Upload Output.xml</p>
GetStatements	The method is used to get list of Statements for a specific country and list of species. If list of species is not passed, method will return all statements for that country.	<p>The request contains the following parameters:</p> <ul style="list-style-type: none"> <li>Int CountryId: ID specific to country needs to be passed to get statements specific to that country.</li> <li>String lstSpeciesId: This parameter should have comma separated list of IDs corresponding to Species.</li> </ul>	<p>Statements: The name of the object returned by the function/method GetStatements. It will contain the following:</p> <ul style="list-style-type: none"> <li>int StatementID: The statement version identifier.</li> <li>int StatementVersionID: The statement version identifier.</li> <li>string Name: The statements name.</li> <li>string Code: The statements code.</li> <li>decimal SortOrder: The statements sort order.</li> </ul>	 <p>Sample XML returned by method</p>