



# Web Tools Release Notes

Version 1.13

**Application:** Web Tools APIs  
**Package Name:** 2021 Updates  
**Package Version:** 1.13

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## 1 Revision History

Date	Author	File Version	Change Description
1/11/2021	Maggie Tillar	V1.1	Initial external version
2/3/2021	Maggie Tillar	V1.3	- Jan Release section 2.1 marked complete (gray font) - Feb Release sections 2.2.2 and 2.2.3 added - March Release sections: 2.3.1, 2.3.4-6 added - March Release sections: 2.3.2-3, 2.3.7 updated - Appendix C updated
3/8/2021	Maggie Tillar	V1.5	- Feb Release section 2.2 marked complete - March Release sections: 2.3.1-2 updated - April Release section 2.4 added; note new date

			<ul style="list-style-type: none"> <li>- June Release section 2.6 added</li> <li>- TBD section 2.12 updated</li> <li>- Appendix C sections: 3.3.1 and 3.3.3 updated</li> </ul>
4/12/2021	Maggie Tillar	V1.7	<ul style="list-style-type: none"> <li>- March Release section 2.3 marked complete</li> <li>- April Release section 2.4.1 updated</li> <li>- May Release section 2.5 date updated; sections 2.5.2-3 updated</li> <li>- June Release sections: 2.6.1 updated; 2.6.2-3 added</li> <li>- TBD section 2.12 updated</li> </ul>
5/12/2021	Maggie Tillar	V1.9	<ul style="list-style-type: none"> <li>- April Release section 2.4.1 marked complete</li> <li>- May Release sections: 2.5.2-3 updated</li> <li>- June Release section 2.6.3 updated</li> <li>- TBD section 2.12 updated</li> </ul>
6/14/2021	Maggie Tillar	V1.11	<ul style="list-style-type: none"> <li>- May Release section 2.5 marked complete</li> <li>- June Release section 2.6.1 updated. Note: HTTP changes deferred to Oct 2021.</li> <li>- July Release section 2.7 added</li> <li>- Oct Release section 2.10 added</li> <li>- TBD section 2.12 updated</li> <li>- Appendix B updated</li> </ul>
6/24/2021	Maggie Tillar	V1.13	<ul style="list-style-type: none"> <li>- June Release section 2.6 updated – June 24<sup>th</sup> Release DELAYED to July 1<sup>st</sup>.</li> </ul>

## 2 Implementation Summary

External testing availability via the Web Tools CAT / stg- environment for each release can be found in the respective section below. The external test environment can be accessed, using your production UserID, via the following URL scheme, host and path:

- Secure APIs: <https://stg-secure.shippingapis.com/ShippingApi.dll>
- Non-secure APIs: <http://stg-production.shippingapis.com/ShippingApi.dll>

If you receive an authorization error, please contact [webtools@usps.gov](mailto:webtools@usps.gov) and include your UserID.

Note: Gray font indicates changes have been implemented in production.

### 2.1 Production Release: January 21, 2021

External testing: January 4, 2021

The API changes noted below will be released to production in the late-night hours of January 21. USPS is enacting a Price Change on January 24, 2021, which will be available on January 21 when using a ship date of January 24 or beyond. All domestic and international price calculator and shipping label APIs will reflect updated pricing in XML responses, on shipping label images, and in the Shipping Services Files (see Appendix A for full list of price calculator and label APIs). For information on specific prices being updated, please go to <https://about.usps.com/newsroom/national-releases/2020/1009-usps-announces-new-prices-for-2021.htm>.

Changes beyond basic price updates are explained below, per API.

#### 2.1.1 International Price Calculator API - First-Class Package International Service (FCPIS) Size Limit Updates (API=IntlRateV2)

1. Updates to the IntlRateV2 API to allow integrators to indicate their package is a roll so that the appropriate roll dimensions validation per IMM 251.22-23 (reference: [https://pe.usps.com/text/imm/immc2\\_021.htm](https://pe.usps.com/text/imm/immc2_021.htm)) is used instead of the current non-roll dimension validation.
  - Web Tools will add <Container> tag with a new enumeration "ROLL."
  - When package is a roll, integrators should pass <Container>="ROLL" in XML request to return accurate pricing and availability in XML response with dimensions validated correctly.
  - Reference Appendix B for example
2. Updates to the IntlRateV2 API to support new FCPIS minimum dimensions of 6 inches length x 4 inches height for non-roll packages. Reference: [https://about.usps.com/postal-bulletin/2020/pb22562/html/updt\\_002.htm](https://about.usps.com/postal-bulletin/2020/pb22562/html/updt_002.htm) for details.
  - Web Tools will validate dimensions provided in XML request. Dimensions that do not meet the new minimum requirements for FCPIS non-roll packages will result in FCPIS not being returned as an available service in the XML response.

#### 2.1.2 International eVS Label APIs - First-Class Package International Service (FCPIS) Size Limit Updates

1. Updates to the eVS First-Class Mail International Label API (API=eVSFirstClassMailIntl) to allow integrators to indicate their package is a roll so that the appropriate roll dimensions validation per IMM 251.22-23 (reference: [https://pe.usps.com/text/imm/immc2\\_021.htm](https://pe.usps.com/text/imm/immc2_021.htm)) is used.
  - New <Container> request tag added with enumeration "ROLL".
  - When package is a roll, integrators should pass <Container>="ROLL" in XML request to return accurate response with dimensions validated correctly.
    - When <Container>="ROLL" indicated in XML request, errors will return if dimensions provided in XML request do not meet IMM 251.22 requirements (reference: [https://pe.usps.com/text/imm/immc2\\_021.htm](https://pe.usps.com/text/imm/immc2_021.htm)).
  - Reference Appendix B for example

2. Updates to the eVS First-Class Mail International Label API (API= eVSFirstClassMailIntl) to support new First-Class Package International Service (FCPIS) minimum dimensions of 6 inches length x 4 inches height for non-roll packages. Reference [https://about.usps.com/postal-bulletin/2020/pb22562/html/updt\\_002.htm](https://about.usps.com/postal-bulletin/2020/pb22562/html/updt_002.htm) for details.
  - o Web Tools will validate dimensions provided in XML request. Dimensions that do not meet the new minimum requirements for FCPIS non-roll packages will result in an error being returned.

### 2.1.3 External Post Office Locator API Updates (API=POLocatorV2Ext)

1. Web Tools will no longer return the <LBRORetail> response tag in the External Post Office Locator API (API=POLocatorV2Ext). Label broker printing at retail will instead be indicated by <Service> enumeration “LBRORETAIL” returned for USPS facilities where available.
  - o Reference Appendix B for examples

### 2.1.4 Maintenance

1. eVS (Domestic) Label API (API=eVS) will be updated to resolve longer <FromFirm> values passed in XML request not printing on the label image.
2. eVS (Domestic) Label API (API=eVS) will be updated to resolve inconsistent <FromFirm> and <ToFirm> truncation on the label image. Due to space limitations on label, values for these tags will be truncated to 32 characters.
3. Shipping Partner Event (SPE) file error handling logic will be updated:
  - o When SPE manifesting process fails, Web Tools will retry until SPE file transmitted regardless of when the associated Shipping Services File is created.
4. eVS (Domestic) Label API will be updated to resolve overlap defects on label indicia:
  - o “USPS Permit No. G-10” run-off will be resolved for eVS G-10 ZPL labels
  - o Permit Holder Name run-off will be resolved for eVS domestic labels.

## 2.2 Production Release: February 26, 2021

External testing: February 8, 2021

### 2.2.1 Sunday/Holiday API Updates (API=SundayHolidayAvailability)

1. Web Tools will make updates to grant SundayHolidayAvailability API permissions automatically upon Web Tools registration. This will allow integrators to obtain Sunday and holiday delivery availability for a given origin/destination ZIP Code pair without additional permissions granted by the Web Tools Program Office.
  - o Contact [webtools@usps.gov](mailto:webtools@usps.gov) for any questions or detailed specifications.

### 2.2.2 USPS Web Tools Security Certificate Updates – Test Environment (effective 2/2/21)

1. USPS Web Tools will update the below staging/testing and production security certificates (reference table below). Please be sure your servers are compatible with the latest security certificates.
  - o Systems that interface with the Web Tools APIs may be impacted by this change and will need to update the certificates used to connect to Web Tools. Please see the complete list of certificates being updated below. Contact your certificate/service provider for issue resolution.
  - o Integrators should test their integration using the URLs listed for each security certificate.
  - o For a full listing of impacted APIs for each certificate update, refer to Appendix C (sections 3.3.2 and 3.3.4 only)

Status	Common Name (CN)	Envir.	URLS	Deployment Date
Complete	stg-secure.shippingapis.com	TEST	<a href="https://stg-secure.shippingapis.com/">https://stg-secure.shippingapis.com/</a>	2/2/2021
Complete	Web Tools 2.0 APIs	TEST	<a href="https://cat-webtools.usps.com/">https://cat-webtools.usps.com/</a>	2/2/2021
Complete	White Label APIs	TEST	<a href="https://staging-whitelabel.shippingapis.com/">https://staging-whitelabel.shippingapis.com/</a>	2/2/2021

Scheduled	secure.shippingapis.com	PROD	<a href="https://secure.shippingapis.com/">https://secure.shippingapis.com/</a>	3/2/2021
Scheduled	Web Tools 2.0 APIs	PROD	<a href="https://webtools.usps.com/">https://webtools.usps.com/</a>	3/2/2021
Scheduled	White Label APIs	PROD	<a href="https://whitelabel.shippingapis.com/">https://whitelabel.shippingapis.com/</a>	3/2/2021

Table 1: USPS Web Tools Security Certificate Schedule

### 2.2.3 Maintenance

- Integrator vulnerability updates - Web Tools will update all API error responses to protect integrators who may not be adequately protected in the event Web Tools APIs are exploited in a malicious attack.
  - Web Tools will HTML encode XML request inputs that are returned in the error XML response preventing malicious code from returning from Web Tools to integrators.

## 2.3 Production Release: March 26, 2021

External testing: March 8, 2021

### 2.3.1 USPS Web Tools Security Certificate Updates – PROD (effective 3/2/21)

- USPS Web Tools will update the below production security certificates (reference table below). Please be sure your servers are compatible with the latest security certificates.
  - Systems that interface with the Web Tools APIs may be impacted by this change and will need to update the certificates used to connect to Web Tools. Please see the complete list of certificates being updated below. Contact your certificate/service provider for issue resolution.
  - Integrators should test their integration using the URLs listed for each security certificate.
  - For a full listing of impacted APIs for each certificate update, refer to Appendix C (sections 3.3.2 and 3.3.4 only)

Status	Common Name (CN)	Envir.	URLS	Deployment Date
Complete	secure.shippingapis.com	PROD	<a href="https://secure.shippingapis.com/">https://secure.shippingapis.com/</a>	3/2/2021
Complete	Web Tools 2.0 APIs	PROD	<a href="https://webtools.usps.com/">https://webtools.usps.com/</a>	3/2/2021
Complete	White Label APIs	PROD	<a href="https://whitelabel.shippingapis.com/">https://whitelabel.shippingapis.com/</a>	3/2/2021

Table 2: USPS Web Tools Security Certificate Schedule

### 2.3.2 Maintenance

- Updates to monitor, optimize, and prevent generation of duplicate barcodes for the eVS (Domestic) Label API (API=eVS).

## 2.4 Production Release: April 22, 2021

External testing: April 12, 2021

### 2.4.1 Maintenance

- The eVS Domestic and International Label APIs will be updated to resolve overlap defects on ZPL 203dpi and 300dpi images.
- The eVS (Domestic) API will be updated to correct an incorrect error message returned for the <ToContactMessaging> tag when <ToContactPreference>="SMS" is provided in the XML request.
- All domestic label APIs will be updated to correct an issue with address standardization. Reference Appendix A section 3.1.3 for a complete list of APIs.
  - A limited subset of street addresses passed correctly in <Address2> request tag was incorrectly parsed in the response. The API typically splits primary and secondary street address information due to space limitations on the label. The fix will resolve an issue where the primary address was incorrectly split resulting in the incorrect address returned and printed on the label.

## 2.5 Production Release: May 21, 2021

External testing: May 10, 2021

### 2.5.1 Priority Mail Express Commitment Updates

1. Web Tools will support updated Priority Mail Express (PME) commitment times.
  - Impacted APIs:
    - RateV4
    - SDCGetLocations
    - ExpressMailCommitment
    - SundayHolidayAvailability
    - eVS
  - There will be no XML request/response structural changes, however integrators are encouraged to test and verify they receive correct Priority Mail Express (PME) commitment times.
  - Extra service 161 for Priority Mail Express 10:30 AM delivery will no longer be supported.
  - Contact [webtools@usps.gov](mailto:webtools@usps.gov) for any questions.

### 2.5.2 USPS Returns Label API Updates (API=USPSReturnsLabel)

1. Web Tools will update the USPS Returns Label API (API=USPSReturnsLabel) to support insurance and Shipping Services File creation. Integrators interested in obtaining API access will need to contact the USPS Mailing & Shipping Solutions Center (MSSC) at 1-877-672-0007 for initial onboarding before using the API.
  - The USPS Returns Label API will support the following configuration options determined during initial customer onboarding:
    - Non-manifesting (SSF) Option: Supports creation of returns label to a single delivery destination address configured per Web Tools UserID with the option of Signature Confirmation extra service. Unique ZIP4 for returns supported. Note: The ability to generate returns labels to multiple delivery destinations requires separate Web Tools UserIDs for each destination address.
    - Manifesting (SSF) Option (new): Supports creation of returns label to a configured delivery destination address with options for Signature Confirmation and Insurance extra services. Unique ZIP4 for returns supported. A Shipping Services File will be submitted by Web Tools for returns labels on behalf of the integrator.
    - Manifesting (SSF) eFulfillment for Returns Option (new): Supports creation of returns label for eFulfillment returns customers to a delivery destination address collected in the API request with options for Signature Confirmation and Insurance extra services. A Shipping Services File will be submitted by Web Tools for returns labels on behalf of the integrator.
  - A summary of features the USPS Returns Label API will support is included in the below table.
    - Note: Eligibility of each API feature will be determined by customer manifesting configuration described in above section 2.5.2.1 (i.e., Non-manifesting Option vs. Manifesting Options).
    - For detailed USPS Returns Label API specifications contact [webtools@usps.gov](mailto:webtools@usps.gov).

USPS Returns Label API Feature	Non-manifesting Option	Manifesting Option (not eFulfillment)	Manifesting Option (eFulfillment)
<i>USPS Returns Services:</i>	-	-	-
○ PRIORITY MAIL RETURN SERVICE	Available	Effective 5/21/21	Effective 5/21/21
○ FIRST-CLASS PACKAGE RETURN SERVICE	Available	Effective 5/21/21	Effective 5/21/21
○ GROUND RETURN SERVICE	Available	Effective 5/21/21	Effective 5/21/21
<i>Extra Services:</i>	-	-	-
○ Signature Confirmation	Available	Effective 5/21/21	Effective 5/21/21

o Insurance	N/A	Effective 5/21/21	Effective 5/21/21
Receipt Image	Available	Effective 5/21/21	Effective 5/21/21
Ability to use multiple delivery destination addresses per Web Tools UserID. (Address collected in XML request and submitted in SSF)	N/A	N/A	Effective 5/21/21
Ability to specify Customer Reference Number(s) on label	Effective 5/21/21	Effective 5/21/21	Effective 5/21/21
Ability to specify attention line on label for Delivery Destination Address	Effective 5/21/21	Effective 5/21/21	Effective 5/21/21
Support Puerto Rican Origin Addresses	Effective 5/21/21	Effective 5/21/21	Effective 5/21/21
Support Priority Mail Cubic Returns Pricing	TBD	TBD	TBD
<i>Label Sizes/types:</i>	-	-	
o Default (4x6 label and receipt printed on same 8.5x11 page)	Available	Effective 5/21/21	Effective 5/21/21
o ZPL (203 and 300 dpi)	TBD	TBD	TBD
o True 4x6 portrait	TBD	TBD	TBD
o True 6x4 landscape	TBD	TBD	TBD
o True 4x4 (restricted)	TBD	TBD	TBD
USPS Tracking Email	Available	Effective 5/21/21	Effective 5/21/21
USPS Tracking Email with PDF returns label attachment	Effective 5/21/21	Effective 5/21/21	Effective 5/21/21
Support unique returns ZIP4	Effective 5/21/21	Effective 5/21/21	N/A
Generate Shipping Services File	N/A	Effective 5/21/21	Effective 5/21/21
Label reporting	Effective 5/21/21	Effective 5/21/21	Effective 5/21/21

Table 3: USPS Returns Label API Features by User API Configuration

### 2.5.3 Domestic Price Calculator API Updates – USPS Returns (API=RateV4)

1. Web Tools will update the RateV4 API to support USPS Returns pricing and availability.
  - o New <Service> request tag enumerations:
    - "Priority Mail Returns" (Priority Mail Return service)
    - "Priority Mail Cubic Returns" (Priority Mail Cubic Return service) Note: this pricing will not be supported within the USPSReturnsLabel API.
    - "Ground Returns" (Ground Return service)
    - "First Class Returns" (First-Class Package Return service)
  - o Contact [webtools@usps.gov](mailto:webtools@usps.gov) for any questions.

## 2.6 Production Release: July 1, 2021

External testing: June 7, 2021

### 2.6.1 eVS Parcel Select Destination Entry Updates (APIs=eVS, SCAN, RateV4)

1. Summary: Web Tools will make eVS (Domestic) and SCAN API updates as noted below to support Parcel Select Destination Entry (PSDE) and Parcel Select Lightweight (PSLW) label creation.
  - o Contact [webtools@usps.gov](mailto:webtools@usps.gov) for questions or detailed specifications.
2. eVS API Configuration Updates:
  - o New permissions will be added to control use of Parcel Select Destination Entry (i.e., PSDE/PSLW) within the eVS (Domestic) API.
  - o New validation added to verify customers with Parcel Select Destination Entry permission are eVS permit only. ePostage permit types will not be supported with Parcel Select Destination Entry.

- New permissions to allow PSLW Machinable - when enabled, the following PSLW scenarios normally not available for machinable packages (i.e. <Machinable>="True"/ weight and dimensions machinable) will be allowed and handled as PSLW Irregular within API response and Shipping Services File:
  - <ServiceType>="PARCEL SELECT LW", <DestinationEntryFacilityType>="DNDC", <SortationLevel>="SCF"
  - <ServiceType>="PARCEL SELECT LW", <DestinationEntryFacilityType>="DSCF", <SortationLevel>="SCF"
  - When permissions not granted, the above scenarios will return an error.
- 3. eVS (Domestic) Label API Updates (API=eVS) - Web Tools will update the eVS Domestic Label API to support PSDE and PSLW label creation for approved eVS commercial integrators.
  - New <ServiceType> options "PARCEL SELECT DE" and "PARCEL SELECT LW" will be added.
    - Web Tools will verify when <ServiceType> options "PARCEL SELECT DE" or "PARCEL SELECT LW" are included in the eVS API XML request new Parcel Select Destination Entry permissions are granted otherwise an error will be returned.
    - When <ServiceType> options "PARCEL SELECT DE" or "PARCEL SELECT LW" are included in the eVS API XML request, the <POZipCode> request tag will be required to collect Destination Entry Facility ZIP Code and populate SSFv2.0 H1 pos 7 (Entry Facility ZIP Code) field.
  - eVS Parcel Select Destination Entry (i.e., PDSE and PSLW) will not be supported to APO/FPO/DPO+PTFAS locations requiring a customs form.
    - Web Tools will return an error if APO/FPO/DPO+PTFAS locations requiring a customs form are combined with <ServiceType> options "PARCEL SELECT DE" and "PARCEL SELECT LW" in the eVS XML request.
  - New request tags to support PSDE/PSLW will be added to eVS API:
    - Destination Entry Facility (<DestinationEntryFacilityType>)
      - Values: "DNDC", "DSCF", "DDU", and "NONE" (Origin Entry).
      - When "DNDC" or "DSCF", at least one Container ID (i.e., <ContainerID1>) tag and Container Type (i.e., <SortContainerType1>) tag will be required otherwise an error will be returned.
      - Will populate SSFv2.0 H1 pos 6 (Entry Facility Type), H1 pos 12 (Containerization Indicator), D1 pos 8 (Destination Facility Type), and Destination Rate Indicator (D1 pos 38) fields.
    - Sortation (<SortationLevel>)
      - Values: "3D" (3-Digit), "5D" (5-Digit), "SCF" (3-digit implied), "NDC" (3-digit implied), "MIX", and "NONE" (Origin Entry).
      - Used to populate SSFv2.0 H1 pos 12 (Containerization Indicator).
    - Container ID(s) (<ContainerID1>, <ConatinerID2>, and <ContainerID3>)
      - Value: Alphanumeric (34); Barcode on Container/IMcb/99M
      - Required when Container Type(s) (i.e., <SortContainerType1>) provided.
      - Will populate SSFv2.0 D1 pos 14 (Container ID 1), D1 pos 16 (Container ID 2), and D1 pos 18 (Container ID 3) fields.
    - Sort Container Type(s) (<SortContainerType1>, <SortContainerType2>, and <SortContainerType3>)
      - Values: "Pallet" or "Sack"
      - Required when Container ID(s) (i.e., <ContainerID1>) provided.
      - Will populate SSFv2.0 D1 pos 15 (Container Type 1), D1 pos 17 (Container Type 2), and D1 pos 19 (Container Type 3) fields.
    - Surcharge Type (<SurchargeType>)
      - Value: 2-digit alphanumeric i.e., "E2" (Same Day/Next Day)
      - Required when <NextDay>="true."
      - Will populate SSFv2.0 D1 pos 57 (Surcharge Type) field.
    - Surcharge Amount (<SurchargeAmount>)
      - Value: Decimal (i.e., \$20 would be "20.00")
      - Required when <NextDay>="true."



- Will populate SSFv2.0 D1 pos 58 (Surcharge Amount) field.
  - Shipment Fee Code (<ShipmentFeeCode>)
    - Value: Alphanumeric (3) (i.e., "PKF")
    - Will populate SSFv2.0 H1 pos 10 (Shipment Fee Code) field.
  - Extra Fee for Shipment (<ExtraFeeForShipment>)
    - Value: Decimal (i.e., \$20 would be "20.00")
    - Will populate SSFv2.0 H1 pos 11 (Extra Fee for Shipment) field.
  - Discount Type (<DiscountType>)
    - Value: 2-digit alphanumeric i.e., "D6"
    - Will populate SSFv2.0 D1 pos 59 (Discount Type) field.
  - Discount Amount (<DiscountAmount>)
    - Value: Decimal (i.e., \$20 would be "20.00")
    - Will populate SSFv2.0 D1 pos 60 (Discount Amount) field.
  - Same Day/Next Day Program Indicator (<NextDay>)
    - Value: Boolean (true/false); Default will be "false."
    - When "true", <SurchargeType> of "E2" (Same Day/Next Day) and <SurchargeAmount> required otherwise an error will be returned.
    - When "true", "SAME DAY DELIVERY" endorsement and carrier release "CARRIER – LEAVE IF NO RESPONSE" markings will be displayed on the label.
    - <NextDay> indicator will take precedence over <CarrierRelease> tag when determining markings printed on the label.
  - Label image updates to support eVS PSDE and PSLW:
    - New "SAME DAY DELIVERY" endorsement option
    - Service icon for PSDE and PSLW = solid box
    - Service banners for PSDE = USPS PARCEL SELECT®; PSLW = USPS PS LIGHTWEIGHT®
    - Reference Appendix B for samples
4. SCAN API Updates (API=SCAN) – Web Tools will update the SCAN API to support PSDE and PSLW:
- Only PS Form 3152 will be supported. An error will be returned if PS Form 5630 is indicated in the SCAN XML request.
  - New PSDE/PSLW SCAN form validation:
    - All eVS IMpb <DestinationEntryFacilityType> values must match to populate SSFv2.0 H1 pos 6 (Entry Facility Type) field otherwise an error will return.
    - All eVS IMpb <POZipCode> values must match <EntryFacility> value provided in SCAN XML request to SSFv2.0 populate H1 pos 7 (Entry Facility ZIP Code) field otherwise an error will return.
    - All eVS IMpb <ShipmentFeeCode> values must match to populate SSFv2.0 H1 pos 10 (Shipment Fee Code) field otherwise an error will return.
    - All eVS IMpb <ExtraFeeForShipment> values must match to populate SSFv2.0 H1 pos 11 (Extra Fee For Shipment) field otherwise an error will return.
    - All eVS IMpb Containerization Indicators (determined from <SortationLevel> & <DestinationEntryFacilityType>) must match to populate SSFv2.0 H1 pos 12 (Containerization Indicator) field otherwise an error will return.
    - When <DestinationEntryFacilityType>="DSCF" or "DNDC", all eVS IMpbs added to a SCAN request must have at least one Container ID (i.e., <ContainerID1>) value and Container Type (i.e.,<SortContainerType1>) to populate SSFv2.0 D1 pos 14 (Container ID 1) and D1 pos 15 (Container Type 1) fields respectively otherwise an error will return.
5. Shipping Services File updates – Web Tools will make updates to generate the Shipping Services File for eVS Parcel Select Destination Entry (PSDE) and Parcel Select Lightweight (PSLW) labels – reference 2.6.1.3 above for details.
- Contact [webtools@usps.gov](mailto:webtools@usps.gov) for questions or detailed specifications.

6. RateV4 Updates (API=RateV4) Web Tools will update the RateV4 API to support PSDE and PSLW:
  - New <Service> values “PARCEL SELECT DE” and “PARCEL SELECT LW.”
  - eVS Label API integrators will need to include the below additional request tags in RateV4 to return PSDE and PSLW pricing/availability:
    - <RateClientType>=“011” (eVS)
    - <RatePriceType>=“B” (CBP) or “P” (CPP)
    - <RatePaymentType>=“6” (eVS permit) or “8” (G-10/OMAS)
    - <DestinationEntryFacilityType>
    - <SortationLevel>

## 2.7 Production Release: July 29, 2021

External testing: July 12, 2021

### 2.7.1 eVS Domestic Label API – Global Direct Entry (GDE) Updates

1. Web Tools will update the eVS Domestic Label API to identify Global Direct Entry (GDE) customers and verify mail class and extra services provided in the request are supported by GDE when generating eVS labels.
  - API configuration updates will allow eVS integrators to be flagged as GDE customers.
  - New GDE-specific Service Type Codes (STCs) will be supported within the eVS Domestic API (API=eVS) for use in the barcode and Shipping Services File. Reference table below.
  - Web Tools will verify GDE customer requests must include a combination of mail class (service) and extra service supported by GDE when generating eVS Domestic labels otherwise a new error will return.
  - Web Tools will update the Shipping Services File for GDE customers to always include an extra service code value of “365” in the D1 pos #44 Extra Service Code 1<sup>st</sup> Service field to indicate GDE.
  - Contact [webtools@usps.gov](mailto:webtools@usps.gov) for questions.

STC	Description	Class of Mail	Banner Text
124	Priority Mail - Global Direct Entry	PM	USPS TRACKING #
125	Priority Mail Signature Confirmation - Global Direct Entry	PM	USPS SIGNATURE TRACKING #
144	First Class Package Service - Global Direct Entry	FC	USPS TRACKING #
145	First Class Package Service Signature Confirmation - Global Direct Entry	FC	USPS SIGNATURE TRACKING #
626	Parcel Select - Global Direct Entry	PS	USPS TRACKING #

Table 4: eVS Domestic Label API GDE STCs

### 2.7.2 Price Change (effective August 29<sup>th</sup>, 2021)

1. Summary: USPS is enacting a Price Change on August 29, 2021. Web Tools will make updates to support new prices which will be released to production in the late-night hours of July 29<sup>th</sup>. New prices will be available on August 26<sup>th</sup> when using a ship date of August 29<sup>th</sup> or beyond. All domestic and international price calculator and shipping label APIs will reflect updated pricing in XML responses, on shipping label images, and in the Shipping Services Files (see Appendix A for full list of price calculator and label APIs). For information on specific prices being updated, please go to <https://about.usps.com/newsroom/national-releases/2021/0528-usps-proceeds-with-request-for-postal-rate-change.htm>.

## 2.8 Production Release: August 27, 2021

External testing: August 9, 2021

Items will be moved to this release when scheduled and included in future versions of the release notes

## 2.9 Production Release: September 30, 2021

External testing: September 13, 2021

Items will be moved to this release when scheduled and included in future versions of the release notes

## 2.10 Production Release: October 28, 2021

External testing: October 11, 2021

### 2.10.1 Unsecure HTTP Endpoint Retirement

1. Effective October 2021, Web Tools will remove support for all unsecure HTTP endpoints.
  - o After this change, all Web Tools API requests to an unsecure HTTP endpoint will fail. To continue using the Web Tools APIs, all requests must be made using secure HTTPS endpoints.
  - o Integrators currently using an unsecure HTTP endpoint should transition as soon as possible to the appropriate secure HTTPS endpoint below to prevent any loss of service.
  - o This change will impact only the API endpoints; the API request and response schemas will not change.
  - o Contact [webtools@usps.gov](mailto:webtools@usps.gov) for questions.

Envir.	Unsecure HTTP Endpoint	Retirement Date	New Secure HTTP Endpoint
TEST	<a href="http://stg-production.shippingapis.com/ShippingApi.dll">http://stg-production.shippingapis.com/ShippingApi.dll</a>	TBD	<a href="https://stg-production.shippingapis.com/ShippingApi.dll">https://stg-production.shippingapis.com/ShippingApi.dll</a>
PROD	<a href="http://production.shippingapis.com/ShippingApi.dll">http://production.shippingapis.com/ShippingApi.dll</a>	TBD	<a href="https://production.shippingapis.com/ShippingApi.dll">https://production.shippingapis.com/ShippingApi.dll</a>

Table 5: Unsecure HTTP Endpoint Retirement Schedule

## 2.11 Production Release: November 18, 2021

External testing: November 8, 2021

Items will be moved to this release when scheduled and included in future versions of the release notes

## 2.12 Production Release: To Be Determined

Items will be moved to release dates as scheduled and included in future versions of the release notes

1. Customs Forms API Restrictions – Web Tools will prohibit external use of the Customs Form CN22 (API=CustomsCN22V2) and Customs Form CP72 (API=CustomsCP72V3) APIs.
2. Merchandise Return Service (MRS) Label APIs – Retirement (APIs= MerchandiseReturnV4, MerchReturnV4Bulk) - Web Tools will retire the Merchandise Return Service Label (API=MerchandiseReturnV4) and Merchandise Return Service Bulk Label (API=MerchReturnV4Bulk) APIs effective TBD.
  - o Current Merchandise Return Service (MRS) API integrators should contact the USPS Mailing & Shipping Solutions Center (MSSC) at 1-877-672-0007 to transition from the MRS API to the new Web Tools USPS Returns Label API immediately. Business hours for the MSSC are Monday-Friday from 7:00 AM-7:00 PM Central.
3. International Price Calculator API, Label APIs, and GXG APIs will be updated to return correct service availability for country or territory indicated in XML request – reference Appendix A sections: 3.1.2 and 3.1.4 for full list of international price calculator and label APIs.
  - o Current logic returns availability for a parent country even when a child territory is included in XML request. Web Tools will update to use the country or territory provided in the request to resolve inaccurate availability being returned when service availability differs between the parent country and child territory.
  - o Example: Norfolk Island (Australia) – Australia is the parent country of child territory Norfolk Island. Norfolk Island does not have GXG service but Australia does. Web Tools updates will return the correct availability for the country or child territory provided and update any error

- messages to reference the country or child territory. Note: USPS service availability by country is subject to frequent updates and can be found at: <https://postcalc.usps.com/Calculator/Index?country=10440>.
- Updates will not result in any XML request/response structural changes, but integrators should test to confirm they see correct availability returned when a child territory is indicated in the XML request.
4. International Price Calculator API - Outbound Commercial Provider Initiative (OCPI) Updates: Web Tools will update the International Price Calculator APIs (APIs=IntlRate, IntlRateV2) to support accurate pricing and availability for international destination countries where OCPI logistics providers are used.
    - There will be no XML request/response structural changes, however integrators are encouraged to test and verify they receive correct pricing and availability.
  5. eVS International Label APIs - Outbound Commercial Provider Initiative (OCPI) Updates: Web Tools will update the eVS International Label APIs to support the generation of a new PS 2976-C customs form when required by OCPI logistics providers to applicable destination countries.
    - Impacted APIs:
      - eVS Priority Mail Express International Label API (API=eVSPriorityMailExpressIntl)
        - “E” service icon with “OCPI” printed at the bottom.
      - eVS Priority Mail International Label API (API=eVSPriorityMailIntl)
        - “P” service icon with “OCPI” printed at the bottom.
    - PS 2976-C customs form will display “CUSTOMS DECLARATION” on top of form.
    - PS 2976-C customs form will display the correct form name and date in the footer.
    - Updates impact only the label image returned. Current barcode prefix/ranges, XML response, and Shipping Services File will remain unchanged.
    - PS 2976-C customs form will only return for applicable destination countries. Global Express Guaranteed (GXG) and APO/FPO/DPO+PTFAS destinations will not support the PS 2976-C customs form.
    - Contact [webtools@usps.gov](mailto:webtools@usps.gov) for any questions.
  6. Priority Mail Express Commitment Updates
    - Web Tools will update the Priority Mail Express receipt image remove legacy options and display a “6PM” commitment checkbox.
    - Impacted APIs: TBD
  7. USPS Returns Label API – updates to support additional features including:
    - Label images/sizes: ZPL (203 and 300 dpi), true 4x6 portrait, true 6x4 landscape, and true 4x4 (restricted)
    - Priority Mail Cubic Returns pricing
    - Support locations requiring a Customs Form
    - Label Broker integration

## 3 Appendices

### 3.1 Appendix A – Price Calculator and Label APIs

#### 3.1.1 Domestic Price Calculator APIs

Description	API Name
Domestic Price Calculator	RateV4

#### 3.1.2 International Price Calculator APIs

Description	API Name
International Price Calculator	IntlRateV2, IntlRate (deprecated)

#### 3.1.3 Domestic Label APIs

Description	API Name
Merchandise Return Service	MerchandiseReturnV4
Merchandise Return Service Bulk	MerchReturnV4Bulk
USPS Returns Label	USPSReturnsLabel
eVS Domestic	eVS
SCAN Form	SCAN

#### 3.1.4 International Label APIs

Description	API Name
Priority Mail Express International – eVS	eVSExpressMailIntl
Priority Mail International – eVS	eVSPriorityMailIntl
First Class Mail International - eVS	eVSFirstClassMailIntl
GXG Get Label – eVS	eVSGXGGetLabel
Customs Form CN22	CustomsCN22V2 (deprecated)
Customs Form CP72	CustomsCP72V3 (deprecated)

## 3.2 Appendix B – Sample API Requests, Responses, and Labels

### 3.2.1 Sample XML Requests

This section provides sample XML requests to the CAT/staging environment that demonstrate some of the changes implemented to our APIs in this release. These requests are provided as a reference to aid in your understanding of the changes and in your integration with our updated APIs. You should still complete your typical testing and verification processes to ensure that your system is communicating properly with the most updated versions of the Web Tools APIs.

Please note that you must place your valid UserID into the request. Sample responses are provided below the sample requests to illustrate the changes that will occur. Please note that the data within the tags may differ depending on inputs provided. Areas of note are highlighted.

#### IntlRateV2 API Sample Request

January 2021 Release reference 2.1.1: Roll indicated with new <Container>="ROLL" request tag with dimensions that meet FCPIS roll validation.

```
<IntlRateV2Request USERID="XXXXXXXXX ">
<Revision>2</Revision>
<Package ID="1">
<Pounds>1</Pounds>
<Ounces>0</Ounces>
<Machinable>True</Machinable>
<MailType>ALL</MailType>
<GXG>
<POBoxFlag>N</POBoxFlag>
<GiftFlag>N</GiftFlag>
</GXG>
<ValueOfContents>25</ValueOfContents>
<Country>Australia</Country>
<Container>ROLL</Container>
<Width>12</Width>
<Length>10</Length>
<Height>18</Height>
<OriginZip>44026</OriginZip>
<CommercialFlag>Y</CommercialFlag>
<CommercialPlusFlag>N</CommercialPlusFlag>
<ExtraServices>
<ExtraService>9</ExtraService>
</ExtraServices>
<AcceptanceDateTime>2021-12-28T14:30:51-06:00</AcceptanceDateTime>
<DestinationPostalCode>4519</DestinationPostalCode>
<Content>
<ContentType>Documents</ContentType>
<ContentDescription>Papers</ContentDescription>
</Content>
</Package>
</IntlRateV2Request>
```

#### IntlRateV2 API Sample Response

January 2021 Release reference 2.1.1: Dimensions validated and FCPIS returned

```
<IntlRateV2Response>
<Package ID="1">
...
<Service ID="15">
<Pounds>1</Pounds>
<Ounces>0</Ounces>
<Machinable>True</Machinable>
<MailType>ALL</MailType>
<Width>12</Width>
<Length>10</Length>
<Height>18</Height>
<Country>AUSTRALIA</Country>
<Postage>27.75</Postage>
```

```

<CommercialPostage>26.36</CommercialPostage>
<ExtraServices>
...
</ExtraServices>
<ValueOfContents>25.00</ValueOfContents>
<InsComment>SERVICE</InsComment>
<SvcCommitments>Varies by destination</SvcCommitments>
<SvcDescription>First-Class Package International Service<sup>&#8482;&/sup></SvcDescription>
<MaxDimensions>Other than rolls: Max. length 24", max length, height and depth (thickness) combined 36"<br>Rolls: Max. length 36".
Max length and twice the diameter combined 42"</MaxDimensions>
<MaxWeight>4</MaxWeight>
</Service>
</Package>
</IntlRateV2Response>

```

## eVSTFirstClassMailIntl API Sample Request

January 2021 Release reference 2.1.2: XML request indicating package is roll with dimensions exceeding allowable FCPIIS roll dimensions

```

<eVSTFirstClassMailIntlRequest USERID="XXXXXXXXXX">
  <Revision>2</Revision>
  <ImageParameters>
    <ImageParameter>4X6LABELL</ImageParameter>
  </ImageParameters>
  <FromFirstName>Joseph</FromFirstName>
  <FromMiddleInitial/>
  <FromLastName>Jones</FromLastName>
  <FromFirm>Postal Service</FromFirm>
  <FromAddress1>Suite 101</FromAddress1>
  <FromAddress2>901 D Street SW</FromAddress2>
  <FromCity>Washington</FromCity>
  <FromState>DC</FromState>
  <FromZip5>20024</FromZip5>
  <FromZip4>6129</FromZip4>
  <FromPhone>9198887652</FromPhone>
  <ToFirstName>Jon</ToFirstName>
  <ToLastName>John</ToLastName>
  <ToFirm>Australia Zoo</ToFirm>
  <ToAddress1>1638 Steve Irwin Way</ToAddress1>
  <ToCity>Beerwah</ToCity>
  <ToProvince>QLD</ToProvince>
  <ToCountry>AUSTRALIA</ToCountry>
  <ToPostalCode>4519</ToPostalCode>
  <ToPOBoxFlag>N</ToPOBoxFlag>
  <ToPhone>7771234567</ToPhone>
  <ToFax>3012929999</ToFax>
  <ToEmail>myemail@email.com</ToEmail>
  <FirstClassMailType>PACKAGE SERVICE</FirstClassMailType>
  <ShippingContents>
    <ItemDetail>
      <Description>Cleaning Wipes</Description>
      <Quantity>1</Quantity>
      <Value>15</Value>
      <NetPounds>2</NetPounds>
      <NetOunces>0</NetOunces>
      <HSTariffNumber>490110</HSTariffNumber>
      <CountryOfOrigin>UNITED STATES</CountryOfOrigin>
    </ItemDetail>
  </ShippingContents>
  <Postage></Postage>
  <GrossPounds>2</GrossPounds>
  <GrossOunces>0</GrossOunces>
  <Machinable>true</Machinable>
  <ContentType>SAMPLE</ContentType>
  <Agreement>Y</Agreement>
  <Comments>FirstClassMailIntl Comments</Comments>
  <LicenseNumber>L875437866</LicenseNumber>
  <CertificateNumber>C445755577</CertificateNumber>
  <InvoiceNumber>I789909778</InvoiceNumber>

```

```

<ImageType>PDF</ImageType>
<ImageLayout>ONEPERFILE</ImageLayout>
<CustomerRefNo>369246</CustomerRefNo>
<CustomerRefNo2>20779054A</CustomerRefNo2>
<LabelDate>1/7/2021</LabelDate>
<HoldForManifest>Y</HoldForManifest>
<EELPFC>30.37a</EELPFC>
<Container>ROLL</Container>
<Length>37</Length>
<Width>20</Width>
<Height>4</Height>
<ExtraServices>
  <ExtraService/>
</ExtraServices>
<OptOutOfSPE>true</OptOutOfSPE>
<DestinationRateIndicator>I</DestinationRateIndicator>
<MID/>
<LogisticsManagerMID/>
<CRID/>
<VendorCode/>
<VendorProductVersionNumber/>
</eVSTFirstClassMailIntlRequest>

```

### eVSTFirstClassMailIntl API Sample Response

January 2021 Release reference 2.1.2: FCPIS roll dimensions validated correctly; error returned.

```

<Error>
<Number>-2147218043</Number>
<Source>eVSIFCMI:CalcPostage</Source>
<Description>Unable to calculate international postage. No services available. The entered length must be less than or equal to 36.00000 inches.</Description>
<HelpFile/>
<HelpContext/>
</Error>

```

### External POLocatorV2Ext Sample Request

January 2021 Release reference 2.1.3: POLocatorV2Ext XML request

```

<POLocatorV2ExtRequest USERID="XXXXXXXXXX">
<FirmName>CHARLOTTE</FirmName>
<Address1>11035 GOLF LINKS DR</Address1>
<Address2/>
<City>CHARLOTTE</City>
<State>NC</State>
<Radius>5</Radius>
<MaxLocations>1</MaxLocations>
<Filters>
<FacilityType>PO</FacilityType>
</Filters>
</POLocatorV2ExtRequest>

```

### External POLocatorV2Ext Sample Response

January 2021 Release reference 2.1.3: Post Offices returned with LBRO printing service indicated in <Services> response tag; <LBRORetail> response tag removed.

```

<POLocatorV2ExtResponse>
<Locations>
<Location>
<LocationName>SOUTH PROVIDENCE</LocationName>
<Address2>11035 GOLF LINKS DR</Address2>
<City>CHARLOTTE</City>
<State>NC</State>
<ZIP5>28277</ZIP5>
<Services>
<Service name="LBRORETAIL"/>
</Services>
<Hours> ...</Hours>
<Parking>LOT</Parking>
</Location>

```



```
</Locations>  
</POLocatorV2ExtResponse>
```

### 3.2.2 Sample Labels/Receipts

This section provides sample label and receipt images from the CAT/staging environment that demonstrate some of the changes implemented to our APIs in this release. These samples are provided as a reference to aid in your understanding of the changes and in your integration with our updated APIs. You should still complete your typical testing and verification processes to ensure that your system is communicating properly with the most updated versions of the Web Tools APIs.

#### 3.2.2.1 eVS Parcel Select Destination Entry (PSDE) Sample Label

Reference June 2021 Release section 2.7.1



Figure 1: eVS PSDE Label

### 3.2.2.2 eVS Parcel Select Lightweight (PSLW) Sample Label

Reference June 2021 Release section 2.7.1

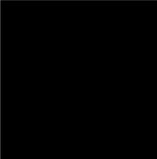
		<p>U.S. POSTAGE PAID Not Valid Test Label eVS</p>	
<p><b>USPS PS LIGHTWEIGHT®</b></p>			
<p>LINA SMITH HORIZON APT 303 1309 S AGNEW AVE OKLAHOMA CITY OK 73108-2427</p>		<p>Ref: FOO Ref2: BARNEY <b>0000</b></p> <p><b>SAME DAY DELIVERY</b></p>	
<p>CARRIER – LEAVE IF NO RESPONSE ADDRESS SERVICE REQUESTED</p>		<p><b>C002</b></p>	
<p>TALL TOM ABC CORP. 1098 N FRASER ST GEORGETOWN SC 29440-2849</p>			
<p><b>USPS TRACKING # eVS</b></p> 			
<p><b>9261 2444 4444 4400 3277 09</b></p>			
<p>Package 1 of 1</p>			

Figure 2: eVS PSLW Label

### 3.3 Appendix C – HTTPS/Secure Web Tools APIs

#### 3.3.1 Security Certificate Updates (HTTPS APIs)

Status	Common Name (CN)	Envir.	URLS	Deployment Date
Complete	stg-secure.shippingapis.com	TEST	<a href="https://stg-secure.shippingapis.com/">https://stg-secure.shippingapis.com/</a>	2/2/2021
Complete	secure.shippingapis.com	PROD	<a href="https://secure.shippingapis.com/">https://secure.shippingapis.com/</a>	3/2/2021

#### 3.3.2 Web Tools Secure/HTTPS APIs

API	API Name
Carrier Pickup Availability	CarrierPickupAvailability
Carrier Pickup Cancel	CarrierPickupCancel
Carrier Pickup Change	CarrierPickupChange
Carrier Pickup Inquiry	CarrierPickupInquiry
Carrier Pickup Schedule	CarrierPickupSchedule
City+State Lookup	CityStateLookup
Customs Form CN22	CustomsCN22V2
Customs Form CP72	CustomsCP72V3
eVS Domestic	eVS
eVS Domestic Cancel	eVSCancel
eVS Priority Mail Express International	eVSExpressMailIntl
eVS First Class Mail International	eVSFirstClassMailIntl
eVS GXG Public Label generation	eVSGXGGetLabel
eVS International Cancel	eVSICancel
eVS Priority Mail International	eVSPriorityMailIntl
Express Mail Commitments	ExpressMailCommitment
First Class Mail Service Standards	FirstClassMail
GXG Get Commodity Information	GXGGetCommodityInfo
GXG - Guarantee	GXGGetGuarantee
Hold For Pickup Facility Information	HFPFacilityInfo
International Price Calculator	IntlRateV2, IntlRate (deprecated)
Merchandise Return Service	MerchandiseReturnV4
Merchandise Return Service Bulk	MerchReturnV4Bulk
Post Office Locator - External	POLocatorV2Ext
Priority Mail Service Standards	PriorityMail
Track and Confirm - Email	PTSEmail
Track and Confirm - Pod	PTSPod
Track and Confirm - Tpod	PTSTpod
Track and Confirm - Rre	PTSRre
Domestic Price Calculator	RateV4
SCAN	SCAN

Service Delivery Calculator	SDCGetLocations
Package Services Service Standards	StandardB
Sunday Holiday API	SundayHolidayAvailability
Track and Confirm	TrackV2
USPS Returns Label	USPSReturnsLabel
Address Validation	Verify
ZipCode Lookup	ZipCodeLookup

### 3.3.3 Security Certificate Update (HTTPS Web Tools 2.0 APIs):

Status	Common Name (CN)	Envir.	URLS	Deployment Date
Complete	Web Tools 2.0 APIs	TEST	<a href="https://cat-webtools.usps.com/">https://cat-webtools.usps.com/</a>	2/2/2021
Complete	White Label APIs	TEST	<a href="https://staging-whitelabel.shippingapis.com/">https://staging-whitelabel.shippingapis.com/</a>	2/2/2021
Complete	Web Tools 2.0 APIs	PROD	<a href="https://webtools.usps.com/">https://webtools.usps.com/</a>	3/2/2021
Complete	White Label APIs	PROD	<a href="https://whitelabel.shippingapis.com/">https://whitelabel.shippingapis.com/</a>	3/2/2021

### 3.3.4 Secure HTTPS Web Tools 2.0 APIs

API	API Name
Package Intercept Status	status
Package Intercept Hold For Pickup	holdForPickup
Package Intercept Redirect	createRedirect
Package Intercept Return to Sender	createRTS
EDDMR	EDDMR