

# WebTools Release Notes

Version 1.3

**Application:** Web Tools APIs  
**Package Name:** 2019 Updates  
**Package Version:** 1.3

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## 1 Revision History

Date	Author	File Version	Change Description
12/18/2018	Evan Betler	V1.1	Initial external version
2/13/2019	Maggie Tillar	V1.3	<ul style="list-style-type: none"> <li>- Jan Release section 2.1.2 updated</li> <li>- Feb Release sections: 2.2.1 deferred, 2.2.3 updated, 2.2.4 and 2.2.5 added</li> <li>- Mar Release section updated</li> <li>- Apr Release section added</li> <li>- TBD section updated</li> <li>- Appendix B updated</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 coloring indicates production release changes have been implemented.

### 2.1 Production Release: January 25, 2019

External testing: December 17, 2018

The API changes noted below will be released to production in the early morning hours of January 25. USPS is enacting a Price Change on January 27, 2019, which will be available on January 25 when using a ship date of January 27 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/news/national-releases/2018/pr18\\_086.htm](https://about.usps.com/news/national-releases/2018/pr18_086.htm).

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

#### 2.1.1 Priority Mail Sunday and Holiday Service Standard Updates for Domestic Price Calculator, Label, and Service Standard APIs

1. RateV4 updates:
  - RateV4 will support returning Sunday as delivery day for Priority Mail when available
    - For applicable origin/destination ZIP Codes, Sundays will be eligible to return in the <CommitmentDate> and <CommitmentName> tags for Priority Mail
  - RateV4 will support returning holidays as a delivery day for Priority Mail when available
    - For applicable origin/destination ZIP Codes, holidays will be eligible return in the <CommitmentDate> and <CommitmentName> tags for Priority Mail
  - Destinations designated as a PO Box address will not support Priority Mail Sunday or holiday delivery
  - Commitment dates and service standards returned in the RateV4 response will be based on Sunday and holiday delivery considerations
  - Reference Appendix B for example RateV4 XML request/response returning PM Sunday delivery
2. Label API updates:
  - Impacted domestic label APIs: eVS, DeliveryConfirmationV4 (deprecated), OpenDistributePriorityV2 (deprecated)
  - Domestic label APIs will support returning Sunday and holiday delivery days for Priority Mail when available
  - Destinations designated as a PO Box address will not support Sunday or holiday delivery
  - Commitment dates and service standards returned in the label API response will be based on Sunday and holiday delivery considerations
3. Domestic commitments and service standards API updates
  - Impacted APIs: SDCGetLocations, PriorityMail
  - APIs will support returning Sunday and holiday delivery days for Priority Mail when available
  - Destinations designated as a PO Box address will not support Sunday or holiday delivery
  - Commitment dates and service standards returned in the label API response will be based on Sunday and holiday delivery considerations
4. New API will be available that will provide:
  - Sunday and holiday delivery availability (Yes/No) returned for a given origin/destination ZIP Code pair

- Please reach out to [webtools@usps.gov](mailto:webtools@usps.gov) for detailed specifications

### 2.1.2 International Price Calculator (API=IntlRateV2, IntlRate) and Label API Updates

1. The following country name updates are applicable to the international APIs noted in Appendix 3.1.2 and 3.1.4
  - Swaziland updated to “Eswatini”
    - “Swaziland” will return an invalid country name error. Integrators should use “Eswatini” in the applicable country name fields (i.e. <Country>, <ToCountry> etc.)
  - Great Britain and Northern Ireland will officially be listed as “United Kingdom of Great Britain and Northern Ireland”. “United Kingdom” is the recognized short name. “GB” will remain the relevant abbreviation.
    - “Great Britain and Northern Ireland” will remain backwards compatible, but integrators should use “United Kingdom of Great Britain and Northern Ireland” in the applicable country name fields (i.e. <Country>, <ToCountry> etc.)
    - All other current country name variations will continue to be accepted which include: “Alderney”, “Jersey”, “Guernsey”, “Sark”, “Channel Islands”, “England”, “Isle of Man”, “Northern Ireland”, “Scotland”, “United Kingdom”, “Great Britain”, and “Wales.”

## 2.2 Production Release: February 22, 2019

External testing: February 12, 2019

### ~~2.2.1 Price and Label API Updates for <Size> and Dimensions (deferred)~~

- ~~1. The <Size> request tag will be deprecated in the domestic and international APIs listed in Appendix 3.1 (note: domestic eVS not impacted as <Size> does not exist in that API)
 
  - Requests with the <Size> tag and value will not fail validation and should work as usual to maintain backwards compatibility
  - Logic for <Container> and dimensions will be based on dimensional values provided instead of <Size> value
    - For instance for Priority Mail, where <Container> is required to be “Rectangular” or “Nonrectangular” when <Size>=“Large”, effective February 22 this requirement will apply when any dimension is greater than 12”
    - Since <Size>=“Large” equates to a dimension greater than 12” today, the logic is the same
  - Detailed logic:
    - <Container> must be “RECTANGULAR” or “NONRECTANGULAR” when any dimension > 12”
    - When any dimension > 12” and <Container>=“RECTANGULAR”: <Width>, <Length>, <Height> required
    - When any dimension > 12” and <Container>=“NONRECTANGULAR”: <Width>, <Length>, <Height>, <GIRTH> required~~
- ~~2. There are limited scenarios currently where dimensions provided in the request are not used in calculating prices. Effective February 22<sup>nd</sup>, dimensions will always be used to calculate prices when provided in the request
 
  - This should not have any impact on integrators beyond more accurate prices returned in the response~~

### 2.2.2 SCAN Form API Updates (API=SCAN)

1. Web Tools will update the error message returned to better indicate when an incorrect non-secure (HTTP) URL is used when a secure (HTTPS) URL is required.
  - Previous error message returned in this scenario: “API Disabled: SCAN. This API available by special permission” will be updated to “API Disabled: SCAN. This API requires the use of SSL.”

### 2.2.3 Priority Mail Express International Guaranteed to Canada (effective Feb 25<sup>th</sup>)

1. Priority Mail Express International (PMEI) Guaranteed delivery dates for Canada will be available to return for all APIs supporting PMEI. These were removed effective Dec 1, 2018 and will be restored February 25, 2019.

### 2.2.4 Domestic Price Calculator Updates (API= RateV4) (effective Feb 1<sup>st</sup>)

1. Web Tools will update the RateV4 API to return First-Class Package Service and remove First-Class Package Service – Retail options when eVS label API tags are included in the request.
  - First-Class Package Service-Retail pricing (<MailService>=First-Class Package Service-Retail and CLASSID=0) will not return when the following eVS label request tag values are indicated:
    - <RateClientType>=011 (eVS)
    - <RatePriceType>=B (commercial base) or P (commercial plus)
    - <RatePaymentType>=6 (permit / eVS) or 8 (G-10 permit/Fed Agency OMAS payment)
  - First-Class Package Service pricing (<Mail Service>=First-Class Package Service and CLASSID=61) will return when the following eVS label request tag values are indicated:
    - <RateClientType>=011 (eVS)
    - <RatePriceType>=B (commercial base) or P (commercial plus)
    - <RatePaymentType>=6 (permit / eVS) or 8 (G-10 permit/Fed Agency OMAS payment)

### 2.2.5 eVS API Updates (API=eVS)

1. Fixes made to <ReceiptOptions> tag to correctly return receipt on same page as label when image parameter (i.e. <ImageParameter>= “4x6LABELL” and “6x4LABEL”) supports landscape orientation.
2. Fixes made to return correct Zone in response for First Class Package Service zone-based pricing. (effective Jan 30<sup>th</sup>)

## 2.3 Production Release: March 22, 2019

External testing: March 11, 2019 (tentative)

### 2.3.1 International Label API Updates

1. Fixes made to prevent longer country names from truncating on labels
  - Impacted APIs: reference Appendix A section 3.1.4

## 2.4 Production Release: April 19, 2019

External testing: April 8, 2019 (tentative)

### 2.4.1 ExpressMail API Retirement

1. Web Tools will retire the “ExpressMail” API effective April 19, 2019. Integrators are encouraged to migrate to our “ExpressMailCommitment” API for Priority Mail Express delivery commitment information.
  - “ExpressMailCommitment” API technical specifications can be found in the Domestic Mail Service Standards user guide at <https://www.usps.com/business/web-tools-apis/documentation-updates.htm>
  - An *Express Mail to ExpressMailCommitment Transition Guide* can be found in the Announcements section at [www.usps.com/webtools](http://www.usps.com/webtools)
  - Integrators using software that displays USPS Priority Mail Express delivery commitments, should notify their software provider of this notice and email us the software provider name at [webtools@usps.gov](mailto:webtools@usps.gov)

### 2.4.2 Returns Label APIs QR Code Updates

1. Web Tools will make label updates to print a QR Code which will direct users to the mobile enabled 'Schedule a Pickup' application on USPS.com.
  - Impacted API: Merchandise Return Service (API=MerchandiseReturnV4)

- New verbiage "Scan for free Package Pickup or to find a Post Office" will be displayed to the left of the QR Code printed on the label.
- Reference Appendix B for sample label examples

## 2.5 Production Release: May 17, 2019

External testing: TBD

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

## 2.6 Production Release: June 21, 2019

External testing: TBD

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

## 2.7 Production Release: July 26, 2019

External testing: TBD

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

## 2.8 Production Release: August 23, 2019

External testing: TBD

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

## 2.9 Production Release: September 20, 2019

External testing: TBD

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

## 2.10 Production Release: October 25, 2019

External testing: TBD

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

## 2.11 Production Release: To Be Determined

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

1. Blocking of pre-TLS 1.2 Connections – There is no date set for this yet, but integrators are encouraged to use current security protocols when communicating with the USPS Web Tools APIs
2. Customs Forms API Restrictions – Web Tools will prohibit external use of the Customs Form CN22 (API=CustomsCN22V2) and Customs Form CP72 (API=CustomsCP72V3) APIs.
3. Price and Label API Updates for <Size> and Dimensions – Additional details and testing schedule will be provided in future versions of the release notes:
  - The <Size> request tag will be deprecated in the domestic and international APIs listed in Appendix 3.1
    - Requests with the <Size> tag and value will not fail validation and should work as usual to maintain backwards compatibility
    - Logic for <Container> and dimensions will be based on dimensional values provided instead of <Size> value
      - For instance for Priority Mail, where <Container> is required to be "Rectangular" or "Nonrectangular" when <Size>="Large", effective February 22 this requirement will apply when any dimension is greater than 12"
      - Since <Size>="Large" equates to a dimension greater than 12" today, the logic is the same
    - Detailed logic:

- <Container> must be "RECTANGULAR" or "NONRECTANGULAR" when any dimension > 12"
  - When any dimension > 12" and <Container>="RECTANGULAR": <Width>, <Length>, <Height> required
  - When any dimension > 12" and <Container>="NONRECTANGULAR": <Width>, <Length>, <Height>, <GIRTH> required
- There are limited scenarios currently where dimensions provided in the request are not used in calculating prices. Effective TBD, dimensions will always be used to calculate prices when provided in the request
  - This should not have any impact on integrators beyond more accurate prices returned in the response

## 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
Express Mail Label	ExpressMailLabel (deprecated)
Delivery Confirmation	DeliveryConfirmationV4 (deprecated)
Merchandise Return Service	MerchandiseReturnV4
Merchandise Return Service Bulk	MerchReturnV4Bulk
Open and Distribute Priority	OpenDistributePriorityV2 (deprecated)
eVS Domestic	eVS

#### 3.1.4 International Label APIs

Description	API Name
Express Mail 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 all your usual testing and verification processes to ensure that your system is communicating properly with the most updated version of Web Tools.

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 to the XML schema. Please note that the data within the tags may differ depending on inputs provided. Areas of note are highlighted.

#### RateV4 Sample Request

January 2019 Release reference 2.1.1: Request with ZIP Codes that support Priority Mail Sunday delivery

```
<RateV4Request USERID="XXXXXXX">
  <Revision>2</Revision>
  <Package ID="1ST">
    <Service>PRIORITY</Service>
    <ZipOrigination>70601</ZipOrigination>
    <ZipDestination>63123</ZipDestination>
    <Pounds>0</Pounds>
    <Ounces>3.5</Ounces>
    <Container>VARIABLE</Container>
    <Size>REGULAR</Size>
    <Machinable>true</Machinable>
    <DropOffTime>08:00</DropOffTime>
    <ShipDate>12/14/2018</ShipDate>
  </Package>
</RateV4Request>
```

#### RateV4 Sample Response

January 2019 Release reference 2.1.1: Priority Mail Sunday delivery returned

```
<RateV4Response>
  <Package ID="1ST">
    <ZipOrigination>70601</ZipOrigination>
    <ZipDestination>63123</ZipDestination>
    <Pounds>0</Pounds>
    <Ounces>3.5</Ounces>
    <Container>VARIABLE</Container>
    <Size>REGULAR</Size>
    <Zone>4</Zone>
    <Postage CLASSID="1">
      <MailService>Priority Mail 2-Day<sup>&gt;&#8482;&lt;/sup>&lt;/MailService>
      <Rate>XX.XX</Rate>
      <CommitmentDate>2018-12-16</CommitmentDate>
      <CommitmentName>2-Day</CommitmentName>
      <SpecialServices>...</SpecialServices>
    </Postage>
  </Package>
</RateV4Response>
```



### 3.2.2 Sample Labels/Receipts

This section provides sample label and receipt images to 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 all your usual testing and verification processes to ensure that your system is communicating properly with the most updated version of Web Tools.

#### 3.2.2.1 January 25, 2019 Release

No significant label changes for the Jan release

#### 3.2.2.2 February 22, 2019 Release

No label updates scheduled for Feb release.

#### 3.2.2.3 March 22, 2019 Release

Details pending and will be included in future versions of the release notes


#### 3.2.2.4 April 19, 2019 Release

Merchandise Return Service (API=MerchandiseReturnV4) – Reference section 2.4.2.1



Figure 1: Sample MRS Label with QR Code

--- Cut along line ---

<p><b>Mailing Instructions</b></p> <ol style="list-style-type: none"><li>1. Please use a laser or laser-quality printer.</li><li>2. Adhere shipping label to package with tape or glue - <b>DO NOT TAPE OVER BARCODES OR WHERE POSTAGE AND FEE INFORMATION IS TO BE RECORDED.</b> Be sure all edges are secure and any previous delivery address and barcode is covered. Self-adhesive label is recommended.</li><li>3. Place label so that it does not wrap around edge of package.</li><li>4. Packages weighing 13 ounces or more may not be placed in Postal Service collection boxes. <b>For additional Postal information go to <a href="https://usps.com">usps.com</a>.</b></li></ol> <p><b>QR Code Instructions</b></p> <div style="display: flex; align-items: center; margin-bottom: 10px;"><p style="color: red; font-weight: bold; font-size: 0.9em;">SCAN QR Code to request free Package Pickup or to find a Post Office to drop off packages.</p></div> <ol style="list-style-type: none"><li>5. Each shipping label number is unique and can be used only once - <b>DO NOT PHOTOCOPY OR FAX.</b> Only the original label can be accepted.</li><li>6. If mailing acknowledgement is required, the article and the Online e-Label Record must be presented at a Post Office.</li></ol>	<p style="text-align: center;"><b>Online e-Label Record</b></p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"><p><b>FROM:</b> JANICE DICKENS STE 201 7 N WILKES BARRE BLVD WILKES BARRE PA 18702-5241</p><p><b>PRIORITY MAIL</b> <b>PKG ID 9211 7000 0000 0001 2345 61</b></p></div> <p>ROUND DATE STAMP _____</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"><p style="text-align: center;"><b>MERCHANDISE RETURN MAILING ACKNOWLEDGMENT</b></p><table style="width: 100%; border: none;"><tr><td style="width: 50%; border: none;">PERMIT NO. 293829 XYZ CORP.</td><td style="width: 50%; border: none;">NEW YORK NY 10001 123 MAIN ST</td></tr></table></div> <p style="text-align: center; font-size: 0.8em;">JANICE DICKENS STE 201 7 N WILKES BARRE BLVD WILKES BARRE PA 18702-5241</p>	PERMIT NO. 293829 XYZ CORP.	NEW YORK NY 10001 123 MAIN ST
PERMIT NO. 293829 XYZ CORP.	NEW YORK NY 10001 123 MAIN ST		

**Figure 2: Sample MRS Receipt with QR Code updates (in red)**

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

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

Common Name (CN)	Envir.	URLS	Expiration Date	Deployment Date
stg-secure.shippingapis.com	TEST	<a href="https://stg-secure.shippingapis.com/">https://stg-secure.shippingapis.com/</a>	6/29/2019	6/28/2018
secure.shippingapis.com	PROD	<a href="https://secure.shippingapis.com/">https://secure.shippingapis.com/</a>	8/16/2019	8/15/2018

#### 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
Delivery Confirmation	DeliveryConfirmationV4 (V3, V2) (deprecated)
eVS Domestic	eVS
eVS Domestic Cancel	eVSCancel
eVS Express Mail International	eVSExpressMailIntl
eVS First Class Mail International	eVSFirstClassMailIntl
eVS GXG Public Label generation	eVSGXGGetLabel
eVS International Cancel	eVSICancel
eVS Priority Mail International	eVSPriorityMailIntl
GXG Commercial Invoice	GXGCommercialInvoice
GXG Get Commodity Information	GXGGetCommodityInfo
GXG - Guarantee	GXGGetGuarantee
GXG Label	GXGGetLabel
Hold For Pickup Facility Information	HFPFacilityInfo
International Price Calculator	IntlRateV2, IntlRate (deprecated)
Merchandise Return Service	MerchandiseReturnV4
Merchandise Return Service Bulk	MerchReturnV4Bulk
Open and Distribute Priority	OpenDistributePriorityV2 (deprecated)
Priority Mail Service Standards	PriorityMail
Track and Confirm - Email	PTSEmail
Track and Confirm - GetPackageInfo	PTSGetPackageInfo
Track and Confirm - Pod	PTSPod
Track and Confirm - Tpod	PTSTpod
Track and Confirm - Rre	PTSRre

Domestic Price Calculator	RateV4
SCAN	SCAN
Package Services Service Standards	StandardB
Track and Confirm	TrackV2
Address Validation	Verify
ZipCode Lookup	ZipCodeLookup

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

Common Name (CN)	Envir.	URLS	Expiration Date	Deployment Date
ea-webtools.usps.com	PROD	https://ea-webtools.usps.com https://webtools.usps.com	8/6/19	8/5/18

### 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
Create Delivery Instructions	createDeliveryInstructions
EDDMR	EDDMR
ForeverPrepaidLabel	ForeverPrepaidLabel
DI and Redelivery Availability	getDIRedeliveryAvailability
DI and Redelivery Status	getDIRedeliveryStatus
Create Redelivery	createRedelivery