United States Postal Service®
INDUSTRY*ALERT*

November 26, 2019

REMINDER: TLS 1.2 Protocol – *Effective February 23, 2020*

As previously advised, the United States Postal Service (USPS) will be applying a network patch to our servers that will impact users who access the following systems:

- Business Customer Gateway (BCG)
- Facility Access and Shipment Tracking (FAST) System
- *PostalOne!* System
  Electronic Data Exchange (Mail.dat / Mail.XML)
- Program Registration

Effective February 23, 2020, USPS servers will require use of the HTTPS security protocol and the upgrade will BLOCK any traffic requests not using TLS 1.2 or above. This patch may cause web connections to fail if your web services client software is not up-to-date and is not using TLS 1.2 encryption protocol.

Users connecting to USPS websites via the latest browsers should not be impacted by this network update. However, if your browser or web services client software does not support TLS 1.2, your connections to USPS applications may fail.

Attached are guidelines to verify that your Browser or web services client software supports TLS 1.2. These guidelines and other related documentation are also posted to PostalPro:
https://postalpro.usps.com/industryoutreach/alert_and_notices

Periodic REMINDERS will continue to be provided to notify users as the February 23, 2020 network implementation date approaches.

Please direct any inquiries or concerns to the *PostalOne!* Help Desk via eMail (postalone@usps.gov) or telephone (*1-800-522-9085*).

Thank you!

TLS 1.2
USPS VERIFICATION GUIDELINES
Browser and Web Services Client Software

Below are URLs for testing. These URLs only accept TLS 1.2 connections.

NOTE: If your browser allows access to the USPS CAT Landing Page, **there is no need to logon to CAT.**
If your browser does not have the TLS 1.2 connection, you would not have the ability to retrieve the USPS CAT Landing Page.

CAT for BCG (*Gateway*), *PostalOne!*, FAST, and Program Registration:
https://gateway-cat.usps.com/eAdmin/view/signin

CAT or PREPROD Links for eDoc:
https://cat1a.uspspostalone.com/Mailing/WebServices

https://cat1a.uspspostalone.com/SupplyChain/WebServices
https://preprod.uspspostalone.com/Mailing/WebServices
https://preprod.uspspostalone.com/SupplyChain/WebServices

CAT and PREPROD Links for MID/CRID Testing for XML:
https://cat1a.uspspostalone.com/Identification/WebServices
https://preprod.uspspostalone.com/Identification/WebServices

CAT and PREPROD Links for Data Distribution Testing for XML:
https://preprod.uspspostalone.com/DataDistribution/WebServices
https://cat1a.uspspostalone.com/DataDistribution/WebServices

CAT and PREPROD Links for FAST Testing for XML:
https://cat1a.uspspostalone.com/Transportation/WebServices
https://preprod.uspspostalone.com/Transportation/WebServices

CAT Link for FAST to Download the Mail Direction File (MDF):
https://fast-cat.usps.com/fast/main.action

BROWSER CONFIGURATION

Change Browser setting to include "**TLS 1.2 Only**"

1. From the Top Menu of your browser, click the '**bolt**' icon
2. Select "**Internet Options**"
3. Click the "**Advanced**" tab
4. Scroll to the end of the list to the "**Security**" section
5. Ensure **"SSL 3.0, TLS 1.0, and TLS 1.1"** are NOT selected
6. Ensure **TLS 1.2** is selected
7. Click "**Apply**"
8. Click "**Ok**"
9. Paste each of the 12 Test URLs listed in the URL bar
10. Confirm that the page loads

If you are using a Browser other than Internet Explorer, you can find instructions on how to configure those Browsers via this link: https://www.comodo.com/e-commerce/ssl-certificates/tls-1-depreciation-browsers.php

TESTING: XML WEB SERVICES TESTING

Update your web services client software to use the appropriate Test URL listed and validate that you are still able to access the XML web service.

If you are unable to access the web service via the Test URL, your client software will need to be updated.

If your web services client software is Java, use Java version 1.8 or above.

If your web services client uses .NET, recompile with the latest .NET client (v7.2) that implements the TLS 1.2 protocol.

For all other coding languages, refer to recent coding language documentation or other references available on the Internet for your programming language.

If you publish web services to receive Push data distribution messages, TLS 1.2 should be enabled for your endpoint URL.

TESTING: eDOC SERVICES

To test the Mail.dat client software within the USPS CAT environment, you must download the client software from the Business Customer Gateway: (https://gateway-cat.usps.com/eAdmin/view/signin).

1. Change the Browse setting to include "**TLS 1.2 Only**"
2. Log-On
3. Click "**Electronic Data Exchange (*PostalOne!*)**"
4. Download Client Application for either **Windows** or **Solaris**

This version will automatically point to the CAT environment.

If your Mail.dat Client is having a problem communicating with the *PostalOne!* System, you may need to download the certification from the URL below and import it to your Keystore: https://gateway-cat.usps.com/eAdmin/view/signin

Based on the SSL exception, download the root chain certificate from CA site:
https://sectigo.com/resources/sectigo-root-intermediate-certificate-files
https://sectigo.com/resources/how-to-install-root-and-intermediate

SUPPORT

If you have any questions or need additional information, please contact the *PostalOne!* Help Desk at 800-522-9085.

Hours of Operation: Monday through Friday
7:00 am/CT to 7:00 pm/CT
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