



## Uniform Closing Dataset (UCD)

### Fannie Mae to Disable TLS 1.0/1.1 for UCD Environments

Fannie Mae will implement changes to only allow TLS 1.2 (and string cipher suites) in the UCD Test and UCD Production Environments. As a result, TLS 1.0 and 1.1 will be disabled for both environments. These changes will take place from Oct. 19, 2018 through Jan. 26, 2019. The schedule below details the UCD Environment implementation changes.

#### 1. Oct. 19, 2018 – Disable TLS 1.0 and TLS 1.1 in the UCD Test Environment

- Our B2B Support team will enforce TLS 1.2 and strong ciphers on its Test environment starting Oct. 19, 2018.

**NOTE:** *Shakeout testing is recommended.*

#### 2. Nov. 3, 2018 - TLS Certificate Change in the UCD Production Environment

- Our B2B team will replace the SSL certificate for Production on Nov. 3, 2018.
- The current B2B certificates are issued by Symantec (or by GeoTrust) with dates prior to June 2016. These certificates will be distrusted by the browser community and by some external parties.
  - COMODO, the new Fannie Mae Certificate Authority (CA), will sign the new certificates.

**NOTE:** *Shakeout testing is mandatory.*

#### REMINDER:

- Add the following new B2B GW SSL certificates to respective certificate truststores (all certificates in the chain to the root including the B2B server certificate). Certificates in .pem and .p7b formats are in the attached zip files.
- Failure by one or more partners may result in back out.
- The UCD Test environment has COMODO or Fannie Mae signed certificates.

**NOTE:** *Use the UCD Test environment before connecting to UCD Production.*

Impact	URL	Certificates zip file	List of Certificates
External facing (Inbound connections to Prod B2B GW)	<a href="https://businessgateway.efanniemae.com/">https://businessgateway.efanniemae.com/</a> *	businessgateway.efanniemae.com.apache.zip	1. businessgateway.efanniemae.com.pem: <ul style="list-style-type: none"> <li>3 certificates, from server to CA root</li> </ul> 2. businessgateway.efanniemae.com.p7b: <ul style="list-style-type: none"> <li>The same certificates as above in .p7b format.</li> </ul>



Impact	URL	Certificates zip file	List of Certificates
External facing (Inbound connections to Prod B2B GW)	<a href="https://businessgateway.efanniema.com/">https://businessgateway.efanniema.com/</a>	businessgateway.efanniema.com.apache.zip	<p>3. COMODORSACertificationAuthority_1.cer:</p> <ul style="list-style-type: none"><li>• COMODO Intermediate Certificate (might be needed by legacy applications)</li></ul> <p>4. AddTrustExternalCARoot.cer</p> <ul style="list-style-type: none"><li>• COMODO Root (SHA1) (might be needed by legacy applications)</li></ul> <p>Please add all 5 certificates to your truststore (3 from the .pem OR .p7b files and the 2 COMODO certificates).</p>

#### **Zip File for Certificate Testing:**

- <https://www.fanniema.com/content/links/documents/businessgateway.efanniema.com.zip>



businessgateway.efanniema.com.zip

### **3. Jan. 26<sup>th</sup>, 2019 – Disable TLS 1.0 and TLS 1.1 for UCD production Environment**

- Our B2B Support team will enforce TLS 1.2 and strong ciphers in the UCD Production environment starting Jan. 26, 2018

**NOTE:** *Shakeout testing is mandatory.*

- REMINDER:
  - If you're using Java, upgrade to JDK 1.8 (recommended) or to later builds of JDK 1.7 which is required to support TLS 1.2 with at least one of the listed cipher suites.
  - You may be required to make a configuration change in your systems/applications to enable TLS 1.2 and strong ciphers, and to disable TLS 1.0 and 1.1.

**NOTE:** *You will not be able to connect to the B2B Gateway if you do not support TLS 1.2 (and ciphers). We strongly encourage you to test in the B2B UCD Test Environment to determine the scope of changes you will need to make in UCD Production.*

For questions on the Fannie Mae migration to TLS 1.2, contact [integration\\_support@fanniema.com](mailto:integration_support@fanniema.com). Visit the [Technology Integration page](#) for more information.