**Fannie Mae**®

# Maintenance and Security Updates to DU Related Applications
## Integration Impact Memo

**November 21, 2017**
**Updated | June 6, 2018**

> **NOTE:** *On June 6, 2018 this document was updated to reflect a change in implementation dates and supported protocols.*

As part of maintenance and security updates, Fannie Mae will be disabling support of Transport Layer Security version 1.0 and 1.1 protocol from its web servers. Many Fannie Mae applications are already enabled with TLS version 1.2 and by June 30 all applications will be TLS 1.2 compliant. TLS 1.0 will be retired on Aug, 15, 2018 and TLS 1.1 will be retired shortly after. This update applies to Admin Tool, Automated Property Service™, Condo Project Manager™, Desktop Originator®, and Desktop Underwriter® and EarlyCheck™.

This change is currently available within the integration environment and will be applied to production on **Saturday, June 30, 2018**. The following URLs are impacted:

**Integration:**
https://direct.intgfanniemae.com/servicerequest2
https://desktopunderwriter.intgfanniemae.com
https://desktoporiginator.intgfanniemae.com
https://earlycheck.intgfanniemae.com
https://admin.intgwebmortgagecentral.com/admintool
https://apps.intgefanniemae.com/aps
https://cpm.intgefanniemae.com/condoproject

**Production:**
https://direct.efanniemae.com/servicerequest2
https://desktopunderwriter.fanniemae.com
https://desktoporiginator.fanniemae.com
https://earlycheck.fanniemae.com
https://admin.webmortgagecentral.com/admintool
https://apps.efanniemae.com/aps
https://cpm.efanniemae.com/condoproject

Supported protocols are listed below.

| Protocols | Feature | Supported | Unsupported |
|---|---|---|---|
| **HTTPS (Web services)** | *HTTP(s) Version* | 1.1, 1.0[1] | |
| | *Cryptographic protocol* | TLS 1.2 | TLS 1.0[2], TLS 1.1[3], SSL all versions |
| | *Hashing Algorithm* | SHA-2 | SHA-1, RC4, MD5 |
| | *Cipher Suite* | High, 3DES, ECDH | ADH, DES, DH, TLS_RSA |
| | Open SSL version | Open SSL 1.0[4] | Open SSL 0.9.x[4] |

[1]HTTP v1.0 will be retired at a later date.

[2]TLS 1.0 will be disabled in Integration on July 15, 2018 and Production on August 15, 2018

[3]TLS 1.1 will be retired at a later date

[4]OpenSSL 1.0 is supported since 06/19/2017 and since then OpenSSL 0.9.x is not supported

If you have any questions, please contact Release Support.

**Additional Resources**
Technology Integration