Security Updates to DU Related Applications

Integration Impact Memo

<div align="right">**Sept. 4, 2019**</div>

To ensure the integrity of your encrypted connection, we are removing support for TLS 1.0 and 1.1 protocol from Desktop Originator® (DO®), Desktop Underwriter® (DU®) and EarlyCheck™ to align with industry standards. We are replacing these older protocols with TLS 1.2 in production on Sept. 14, 2019.

This change was originally scheduled to be deployed in production during the weekend of Aug. 25, 2019.

How will customers be impacted?

After support is disabled for TLS 1.0 and 1.1, integrated customers and vendors will be unable to access DO, DU and EarlyCheck™ if their browser does not support TLS 1.2 or higher.

How can customers avoid a service disruption?

Ensure customers have updated their preferred browsers to the latest version which supports TLS 1.2. Modern TLS is supported and enabled by the following browsers:

- Microsoft Internet Explorer®: Version 11 and newer

- Mozilla Firefox® Version 38.1.1

- Google Chrome™ Version 46

For additional information see our Technology Requirements.

The integration environment has been updated to only support TLS 1.2 and will be applied to production on Saturday, Sept. 14, 2019. The following URLs are impacted:

Integration:

https://direct.intgfanniemae.com/servicerequest2

https://desktopunderwriter.intgfanniemae.com

https://desktoporiginator.intgfanniemae.com

https://earlycheck.intgfanniemae.com

Production:

https://direct.efanniemae.com/servicerequest2

https://desktopunderwriter.fanniemae.com

https://desktoporiginator.fanniemae.com

https://earlycheck.fanniemae.com

Supported protocols are listed below.

Protocols	Feature	Supported	Unsupported
TLS	*Cryptographic protocol*	TLS 1.2	TLS 1.0, TLS 1.1, SSL all versions
	Hashing Algorithm	SHA-2	SHA-1, RC4, MD5
	Cipher Suite	High, 3DES, ECDH	ADH, DES, DH, TLS_RSA

If you have any questions, please contact Release Support.

Additional Resources

Technology Integration