May, 2016

First Data

How to Configure TLS 1.1 and 1.2

Short Instructions for Internet Explorer

- 1. Open Internet Explorer 10
- 2. In the upper right hand corner of the browser, click the GEAR icon > Internet options.
- 3. On the Advanced tab, under Security, make sure that the following check boxes are selected:
 - i. Use TLS 1.1
 - ii. Use TLS 1.2
- 4. Click **Apply**, and then click **OK**.
- 5. Close all instances of Internet Explorer and re-open.
- 6. Check that the settings configuration works by logging in to Online Banking.
- 7. **Note**: Some settings may be managed by your system administrator. If so please contact them for support within your organization.

How to Configure Mozilla Firefox to use TLS 1.1 and 1.2

- 1. Open Firefox
- 2. In the address bar, type about:config and press Enter
- 3. In the Search field, enter tls. Find and double-click the entry for security.tls.version.min
- 4. Set the integer value to 3 to force protocol of TLS 1.3
- 5. Click **OK**
- 6. Close your browser and restart Mozilla Firefox

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Preference Name	▲ Status	Туре	Value
devtools.remote.tls-handshake-timeout	default	integer	10000
network.http.spdy.enforce-tls-profile	default	boolean	true
network.proxy.proxy_over_tls	default	boolean	true
security.tls.insecure_fallback_hosts	default	string	
security.tls.unrestricted_rc4_fallback	default	boolean	false
security.tls.version.fallback-limit	default	integer	3
security.tls.version.max	user set	integer	1
security.tls.version.min	user set	integer	3
services.sync.prefs.sync.security.tls.version.max	default	boolean	true
services.sync.prefs.sync.security.tls.version.min	default	boolean	true

Click OK

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How to Configure Google Chrome to use TLS 1.1 and 1.2

- 1. Open Google Chrome
- 2. Click **Alt F** and select **Settings**
- 3. Scroll down and select Show advanced settings...
- 4. Scroll down to the Network section and click on Change proxy settings...
- 5. Select the Advanced tab
- 6. Scroll down to Security category, manually check the option box for Use TLS 1.1 and Use TLS 1.2

How to Configure Apple Safari to use TLS 1.1 and 1.2

There are no options for enabling SSL protocols. If you are using Safari version 7 or greater, TLS 1.1 and TLS 1.2 are automatically enabled.



Internet Explorer Illustrated Instructions

- Open Internet Explorer
- Click the **GEAR** > Internet options

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	File	
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	Safety	•
	Add site to Start menu	
	View downloads	Ctrl+J
	Manage add-ons	
	F12 Developer Tools	
	Go to pinned sites	
	Compatibility View settings	
	Report website problems	
	Internet options	
-	About Internet Explorer	

• Internet Options dialogue box will open

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Click the tab labeled ADVANCED



• From the ADVANCED tab, scroll down to the SECURITY section

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- In the **SECURITY** section:
 - o Check "Use TLS 1.1"
 - o Check "Use TLS 1.2"
- Close all instances of Internet Explorer and re-open.
- Check that the settings configuration works by logging in to digital banking



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