

CME Group | Advisory Notice

TO: Clearing Member Firms

FROM: CME Clearing

ADVISORY #: 17-317

SUBJECT: Internet Browser Information Security Update

DATE: August 17, 2017

CME Group is committed to our customers' information security. To deliver the best security and customer experience, effective **Sunday, December 18**, CME Clearing House applications will only support internet browsers that utilize Transport Layer Security TLS version 1.2. The older versions TLS 1.0 & TLS 1.1 will be disabled.

Please use below link for a complete list of impacted applications and to the updated browser standards supported by CME.

<http://www.cmegroup.com/tools-information/supported-browsers.html>

To find out if your internet browser supports TLS 1.2 or not, please follow the below steps:

Microsoft IE:

In menu select **Tools > Internet Options > Advanced**

Under Settings, scroll down to the **Security** section

Look for box **Use TLS 1.2** and make sure the box is checked

If it's not checked, you can check the box and click **Apply**

Google Chrome:

In menu select **Settings > Advanced > System**

Select **Open proxy settings** go to **Advanced** tab

Scroll down to the **Security** section

Look for box **Use TLS 1.2** and make sure the box is checked

If it's not checked, you can check the box and click **Apply**

If you are unable to update your browser settings, please contact your system administrator to update your browser settings to ensure seamless access to CME web-based Clearing applications.

Background: Transport Layer Security (TLS) is a cryptographic protocol that provides communication security over a computer network and is used in web browsing. Websites use TLS to secure communications between servers and web browsers.

Currently CME allows users to connect to Clearing applications like FEC+/FEC, Positions, Deliveries.... etc with browsers that support TLS 1.0, TLS 1.1 and TLS 1.2 versions. With this

change, CME will only allow browsers that are configured to support TLS 1.2 to access Clearing applications. CME will update our protocols as outlined in the below schedule:

New Release Environment – Tuesday 29th August 2017

Production Environment – Sunday 18th December 2017

Impacted Customers: This impacts clearing firms' users access to Clearing applications via internet browsers. Please note that Connections to SFTP or MQ are not impacted. Failure to comply with the new standards will inhibit user's ability to successfully access Clearing applications.

Testing: Clients can update to TLS v1.2 and test access to Clearing applications in New Release on August 29th.

For questions or concerns, please contact CCS@cmegroup.com or call 312 207 2525.