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Memo

To	All registry users
From	Grant Benvenuti
Date	8 November 2016
Subject	Changes may be required to access the electricity registry from 1 March 2017
For your action	

In line with Industry Best Practices (refer: https://benchmarks.cisecurity.org/) there is a requirement to upgrade some security aspects of the electricity registry (registry) internet facing services. The upgrades are aimed at improving communications security and privacy by only offering strong encryption protocols and mitigating attacks that aim to intercept or tamper with client data in transit.

As only older weaker protocols are being disabled, it is expected that the upgrades will not affect connectivity for most users. However some older systems may fail to connect if they're not upgraded in advance. Minimum requirements are:

- Windows XP SP3 or newer.
- Windows Server 2003 SP3 or newer.
- MacOS X 10.2 or newer.
- Java 6u25/7u25 or newer.
- Android 2.3 (Gingerbread) or newer

(more clients listed at https://www.ssllabs.com/ssltest/clients.html).

If you are unsure on whether your client supports the required protocols you can use the service at "https://www.howsmyssl.com/" to test - your result should return "Probably Okay". Should your client be unable to test against this service, please contact the vendor of the client you are using and enquire as to whether or not it supports "TLS 1.0".

Jade has commissioned a test registry website that has the older protocols disabled. URL: https://hardenup.electricityregistry.co.nz.

Participants can use the above website to test if their systems or browsers are capable of using these higher encryption and protocol standards. Participants will need to make sure their local network will allow access out to this website.

1. Successful connections will result in the registry UAT website being displayed. No further action is required.

2. Unsuccessful connections will result in browsers not being able to display the website, or back-end systems may have similar error messages. Action will be required to upgrade the user's clients to supported versions (Operating Systems,

Browsers or back-end systems). This may require support from your in-house IT or software vendor.

We are planning to make the change to the production version of the registry on **1 March 2017**. We strongly recommend that you take action on this request as soon as possible, so if your in-house IT or software vendor needs to make changes this will be completed by 1 March 2017.

If you or your in-house IT or software vendor have any questions about the technical details of the changes please contact the registry engineer at registry.engineer@jadeworld.com.

If you have any question about the reasons for the changes or the timing please contact the market operations team at marketoperations@ea.govt.nz.

Grant Benvenuti
Manager Market Operations

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