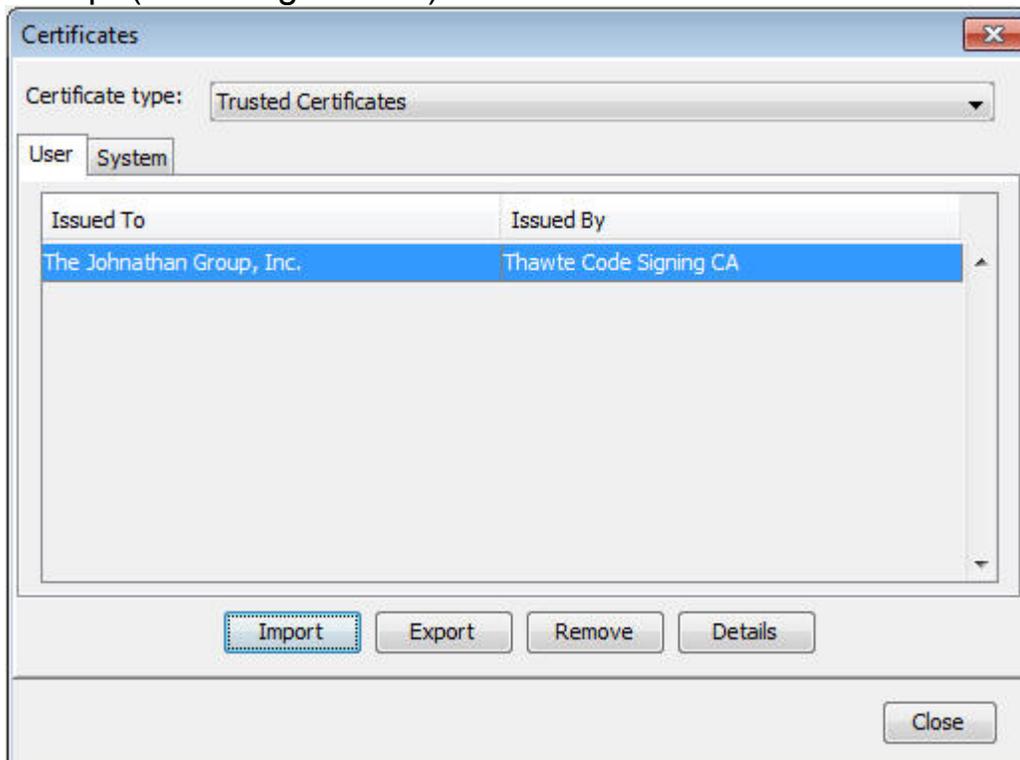


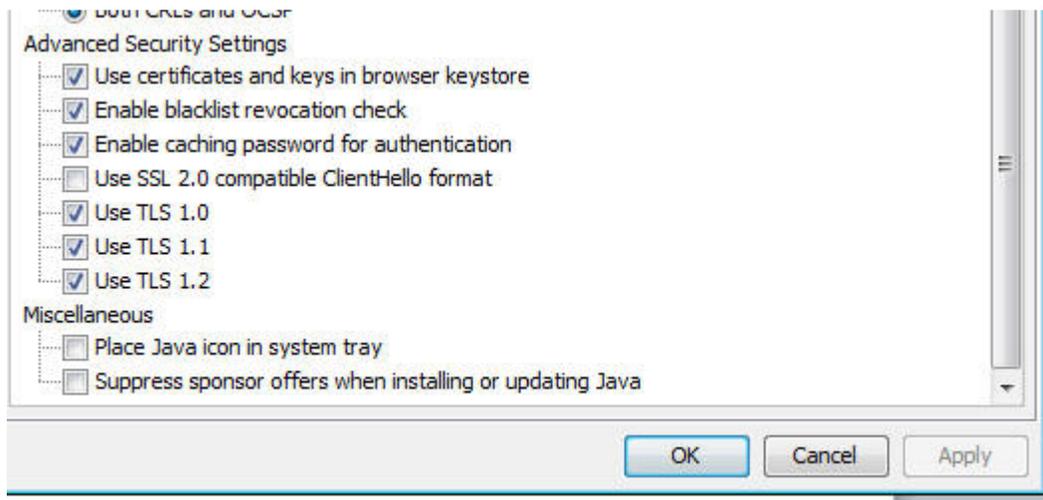
JAVA 8 Configurations for FALCONWeb

Prior to using these instructions, you will need to request The Johnathan Group.dat file from CADDSupport@VDOT.Virginia.gov. Save the file on your PC. You will need it later in the instructions.

1. Go to **Control Panel** → **Programs** → locate **Java**
2. Open **Java**
3. Under the **Security** tab → Security settings to HIGH.
4. Go to the Exception Site List → Edit Site List...
5. Add **http://falcon.virginiadot.org**
6. Go to **Manage Certificates...**
7. Select **Import** → Go to the location you stored the .dat file. Change the Files of Type: from .csr, .P12 to All Files. Select The Johnathan Group.dat
8. Select **Open**. This will place the certificate in your Trusted Certificates Group. (See image below):



9. Select **Close**.
10. Go to the **Advanced** tab under **Java**
11. Under **Advanced** locate the **Advanced Security Settings** option. Verify that the following settings are 'checked'.



12. Click **Apply** and **OK**.
13. This should complete the configuration setup for FALCON to download files.

For Java 8 Build 71 or later, MD5 Signatures have been disabled for this java update and subsequent versions.

In order to allow MD5 signatures, you need to edit the following file with notepad running in administrator mode.

C:\Program Files (x86)\Java\jre1.8.0_72\lib\security\java.security
Or (This depends on which build you have; 72 or 73)
C:\Program Files (x86)\Java\jre1.8.0_73\lib\security\java.security

Change Line:

jdk.certpath.disabledAlgorithms=MD2, MD5, RSA keySize <256
to
jdk.certpath.disabledAlgorithms=MD2, RSA keySize <1024

This will then allow the MD5 digital signatures as it did before the 71 java update.

Any additional issues please contact the CADDSupport Helpdesk at 804-786-1280.