# 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):
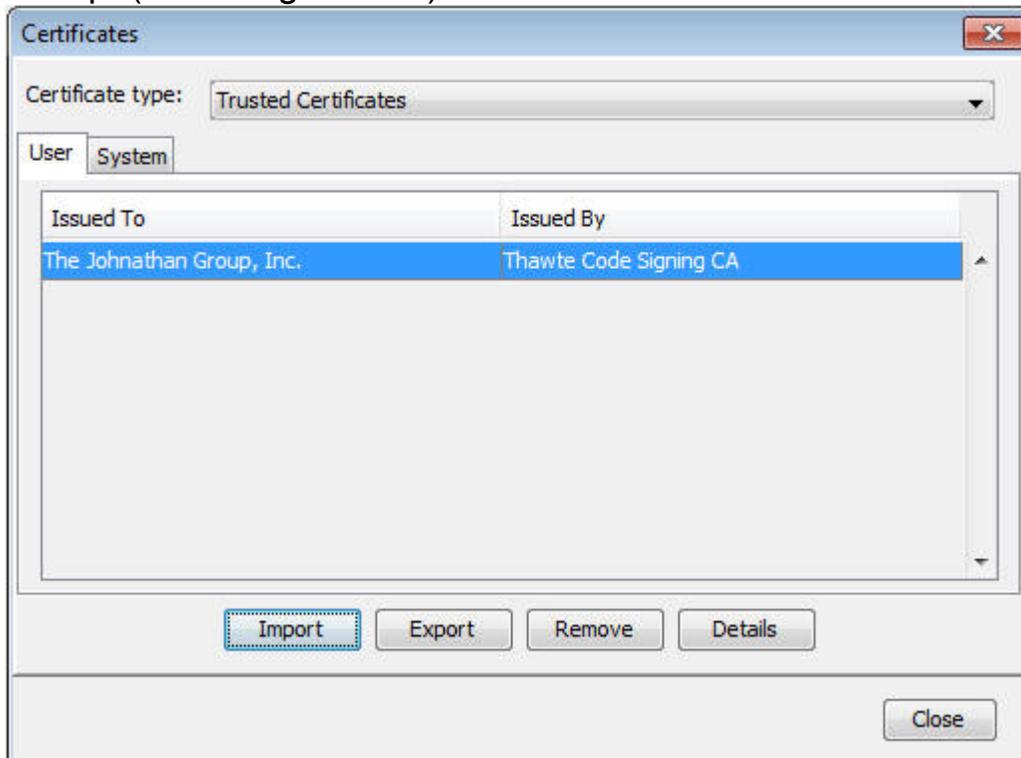
9. Select **Close**.
10. Go to the **Advanced** tab under **Java**
11. Under **Advanced** locate the **Advanced Security Settings** option. Verify that the following settings are 'checked'.
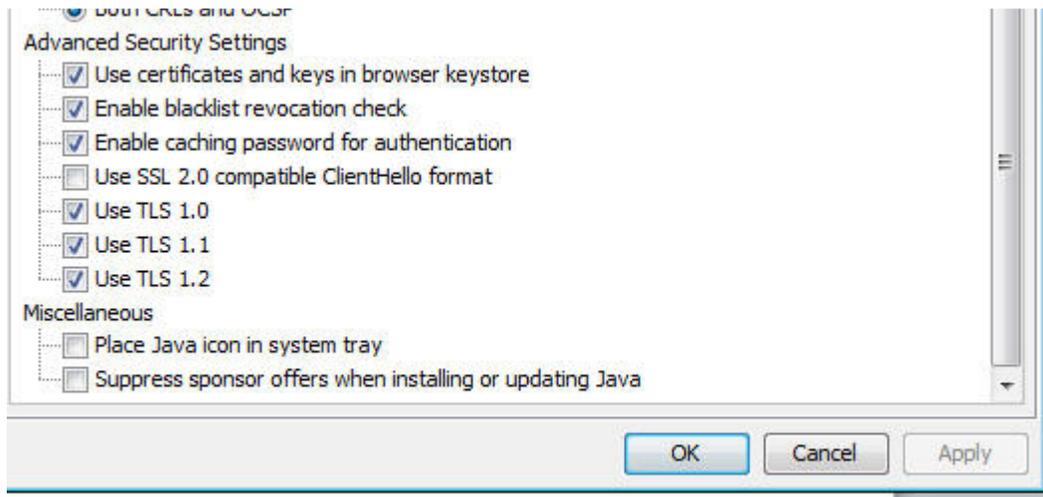
12. Click **Apply** and **OK.**
   If you are running Java 8 Build 71 or later, please continue.
13. Click **Start**, **All Programs**, **Accessories** and Right Click on **Notepad**.
14. Choose **Run as Administrator** and click **OK** on the User Account Control prompt.
15. In Notepad, select **File, Open**
16. Navigate to C:\Program Files (x86)\Java\jre1.8.0_**\lib\security (** will be your build number)
17. Change from Text files to All files in the lower right. Then select java.security.
18. Change Line:
   jdk.certpath.disabledAlgorithms=MD2, MD5, RSA keySize <256
   to
   jdk.certpath.disabledAlgorithms=MD2, RSA keySize <1024

   DELETE

   CHANGE
19. This should complete the configuration setup for FALCON to download files.

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