Guide to Installing Certificates Java and .Net

Guide to Downloading and Installing DigiCert Certificates

The following steps should be taken to download the new certificates:

Download the new Intermediate Certificate

2 | [Download](#) the new DigiCert Intermediate Certificate

3 | Save the file with the name intermediate.pem. Make a note of the location of the file for future reference. For example, c:\windows\temp

Download the new Root Certificate

1 | Next, [download](#) the root certificate

2 | Save the file with the name root.pem. Make a note of the location of the file for future reference. For example, c:\windows\temp

Guide to Installing GeoTrust Certificates for Java Applications and Utilities

To import the certificate files for Java applications and utilities.

1 | Find where Java is installed.

    (a) If you already know where java is installed, you can ignore the next steps and skip to step 2.

    (b) On a Unix system, you can run one of these commands - "which java", "echo $JAVA_HOME" or "locate java".

    (c) On a Windows system, you can run the "echo %JAVA_HOME%" command.

    (d) For either of these, make a note of the path to the Java installation.

2 | Once you have the path to the Java installation, run the following commands to install the certificates:

cd <path_to_java_from_step_1>

cd bin

keytool -import -alias GeoTrustTLSRSACAG1 -trustcacerts -file <path_to_intermediate.pem> -keystore <path_to_java_from_step_1>\jre\lib\security\cacerts

> *Note: for unix systems you may need to execute this as ./keytool*

keytool -import -alias DigiCertGlobalRootG2 -trustcacerts -file <path_to_root.pem> -keystore <path_to_java_from_step_1>\jre\lib\security\cacerts

> *Note: For both of these commands, you will be prompted to enter the keystore password: enter your configured keystore password (the default is 'changeit')*

> *Note: If you see an error "already exists," this means you already have the certificates, and can skip that*

Guide to Installing DigiCert Certificates for .NET Applications

To import the certificate files for .NET applications.

1 | Click **Start**, click **Run**, type certmgr.msc, and then click **OK**.

> *Note: You may need administrative permissions to open certificate manager in Microsoft Management Console snap-in.*

2 | Expand Certificates (local computer), expand Trusted Root Certification Authorities and then click Certificates, shown in Figure 3.
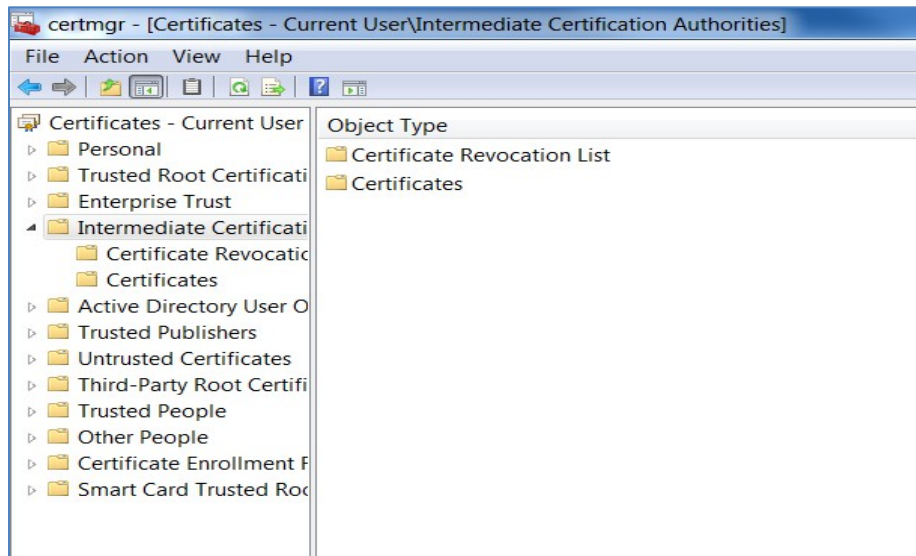

Figure 3 - Intermediate Certificate Store Location

3 | Confirm the intermediate certificate is not already listed – DigiCert SHA2
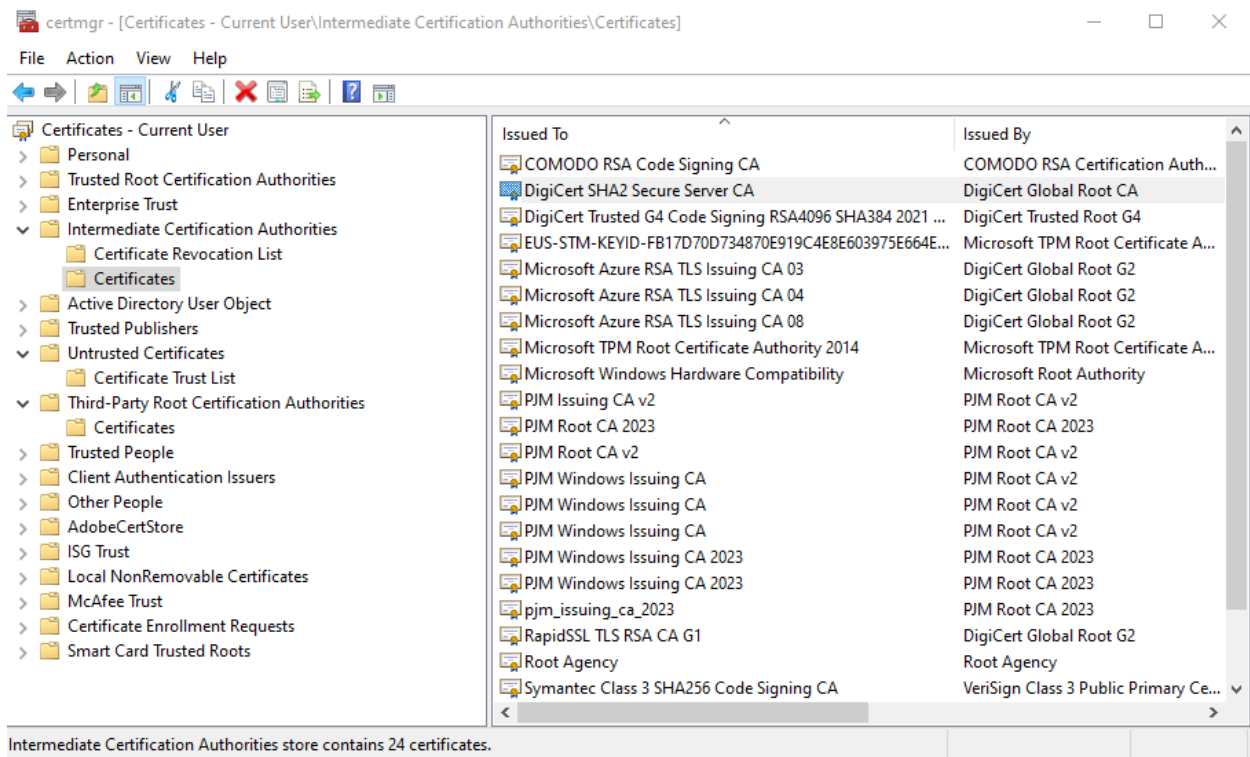
Figure 4 - Confirm GeoTrust Intermediate Certificate

4 | **If not listed**, expand **certificates (local computer)**, expand **Intermediate Certification Authorities** right- click **Certificates**, click **All Tasks**, and then click **Import**.

5 | **Import** the intermediate certificate.

(a) In the **Certificate Import Wizard** dialog box, figure 5, click **Next**.

Figure 5 - Certificate Import Wizard

(b) In the **File name** box (figure 6), give the path of the intermediate certificate authority file
downloaded in the first section of this document. For example, c:\windows\temp\intermediate.pem
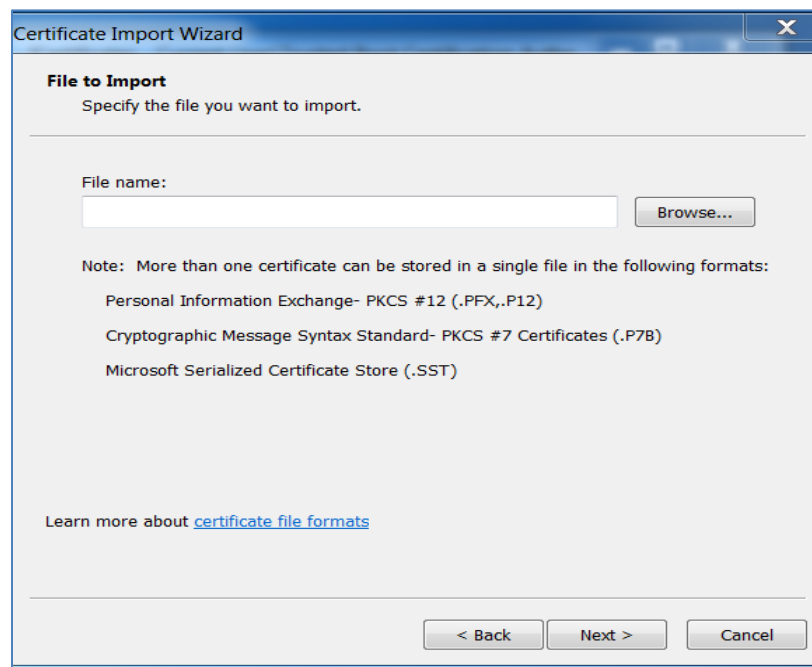

Figure 6 - Import File

6 | Click **Next** two times.

7 | Click **Finish**, and then click **OK**. You should see a message appear 'The import was successful'.

Import the Root Certificate

8 | Expand **Certificates (local computer)**, expand **Trusted Root Certification Authorities**, and then click **Certificates**.

 (a) In the right pane, confirm that the certificate for 'DigiCert Global Root CA' is not listed.

 (b) If not listed, **import** the root certificate.

 (c) **Expand Certificates (local computer)**, right-click **Trusted Root Certification Authorities**, click **All Tasks**, and then click **Import**.

9 | **Import** the root certificate

 (a) In the **Certificate Import Wizard** dialog box, figure 7, click **Next**.

Figure 7 - Certificate Import Wizard

 (b) In the **File name** box (figure 8), give the path of the root certificate authority file downloaded in the first section of this document. For example, c:\windows\temp\root.pem
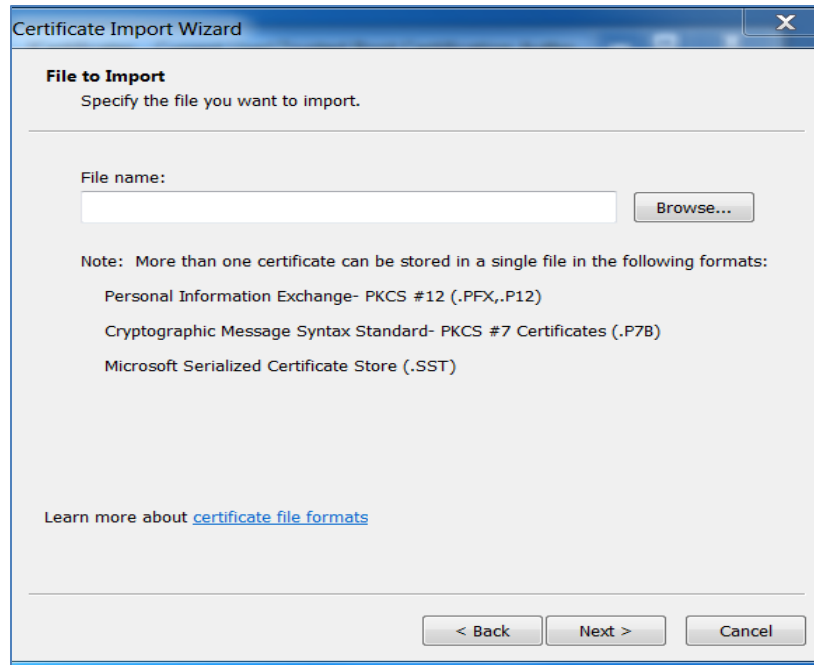
Figure 8 - Import File

10 | Click **Next** two times.

11 | Click **Finish**, and then click **OK**. You should see a message appear 'The import was successful'.