

# FedLine Web<sup>®</sup> Certificate Retrieval Procedures

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Version 2.0

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## Federal Reserve Bank Certificate Retrieval Overview and Preparation Procedures

This guide provides step-by-step information to help you download a Federal Reserve Bank digital certificate (certificate) for your Internet Explorer® browser. The certificate is issued to authenticate the Subscriber and to grant access to authorized FedLine® and Federal Reserve Bank services.

Browser-based access requires the user's PC to be in compliance with basic hardware and software requirements. In order to download a Federal Reserve Bank certificate, your PC must meet the [FedLine Web® Hardware and Software Requirements](#).

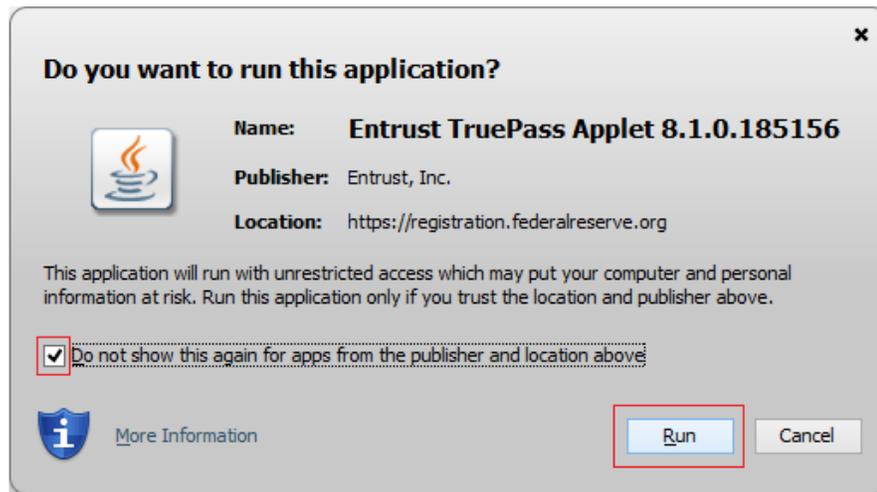
**Note: Your PC must be configured with the latest version of the Java Runtime Environment (JRE) plug-in for the certificate download site to function properly.**

If you are unsure if your PC meets the hardware and software requirements, please contact the Customer Contact Center at 1-888-333-7010.

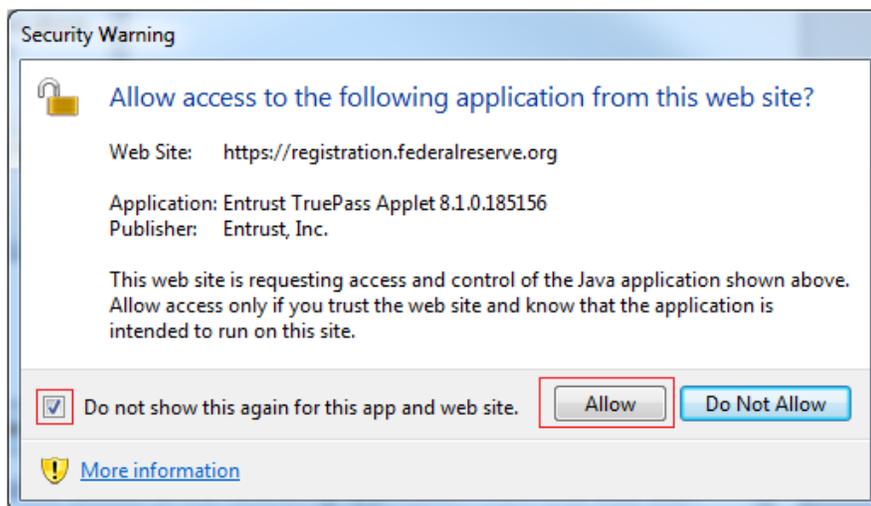
**Before proceeding with the instructions provided in this guide, please have both your Reference Number and Authorization Code available.**

## Certificate Creation Procedures

1. In Internet Explorer, go to the web address provided in the documents you received containing your Authorization Code and Reference Number. For security purposes, you should validate that the address begins with `https://registration.federalreserve.org`.
2. You will be presented with a Java security information pop-up message. Make sure the box **Do not show this again for apps from the publisher and location above** is checked and then select the **Run** button.



3. You may also be presented with a secondary Java security pop-up message. Make sure the box **Do not show this again for this app and web site** is checked and then select the **Allow** button. Note: In order to successfully create a certificate, the Java applet must be allowed to run.



4. You will be presented with the page shown below. Enter your **Reference Number** and **Authorization Code** in the appropriate boxes. Click the **Submit Download Request** button.

**FEDERAL RESERVE BANK SERVICES**

- [Certificate Registration Home](#)
- [Create Certificate](#)
- [Certification Authority Certificate](#)
- [Certification Practice Statement](#)

**Federal Reserve Banks**  
**Create a New Digital Certificate**

A reference number and authorization code are required to create and download a new digital certificate.

Please complete the items below **prior** to creating your certificate.

- Print the [Certificate Retrieval Procedures](#) for use during this process.
- To maintain secure access to FedLine® and Federal Reserve Bank services, the use of supported platforms is required. Validate that your PC meets the minimum [FedLine Web® Hardware/Software Requirements](#).

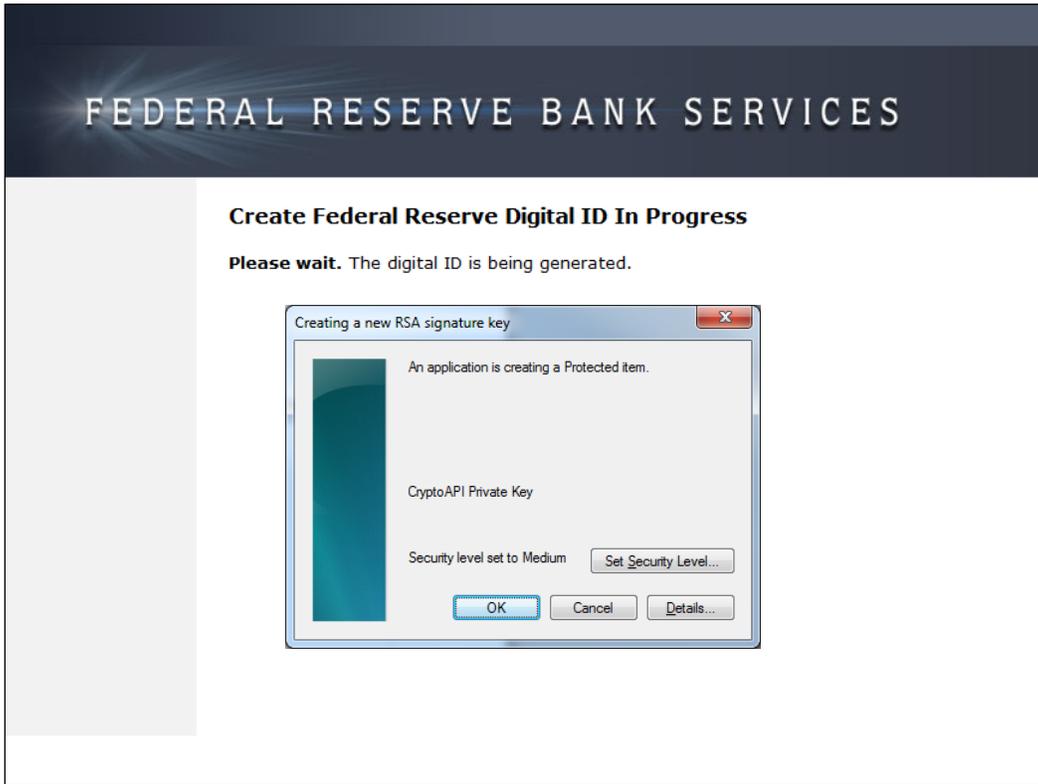
Enter your reference number and authorization code below, then click on Submit Download Request. If entered correctly, your digital certificate will be automatically downloaded into your Web browser.

Reference Number (for example: 27600839)

Authorization Code (for example: 6JIG-4LOV-OXLQ)

**WARNING!** If you are not authorized to use this private network, please disconnect immediately. Unauthorized access is prohibited and may result in civil and/or criminal prosecution. Users expressly consent to having their activities monitored, recorded, and shared with third parties. By your continued use of this network, you acknowledge that you have read, understood, and agree with this warning message.

5. You will be presented with the following page and pop-up window. The pop-up window may appear slightly different depending on the version of Windows® on your PC.



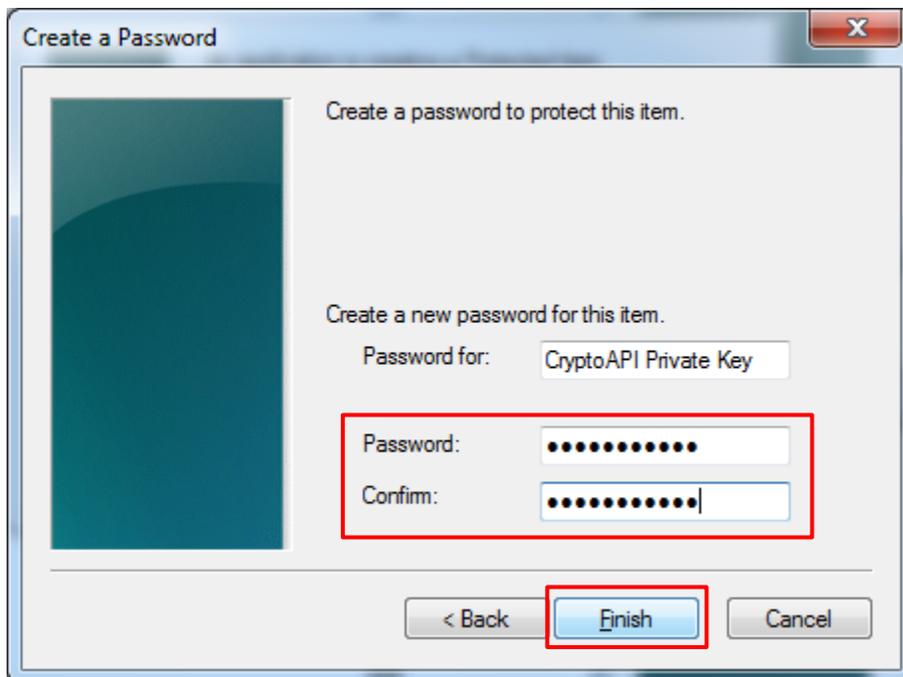
6. In the **RSA Signature Key** window; click the **Set Security Level** button.



7. Select **High** for the security level and click **Next**.



8. Select **Create a password to protect this item**. Windows does not allow you to change the "Password for" option. Create a password, and then enter the same password in the "Confirm" box. Your password is used to access your certificate. Click **Finish**.



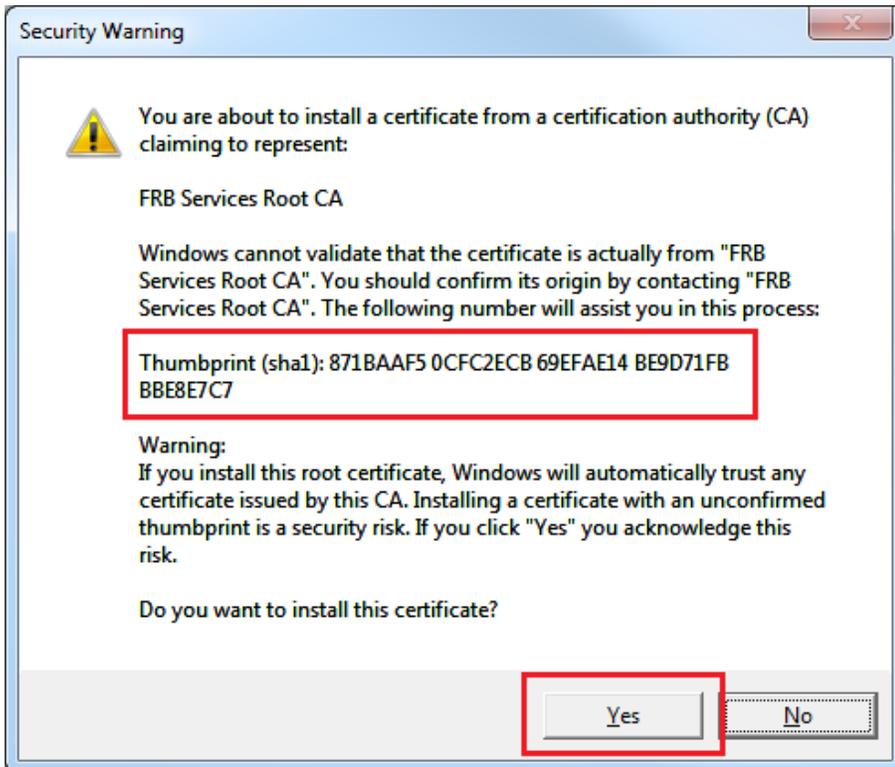
**NOTE: It is important to remember your password, as the Customer Contact Center cannot reset it. If you forget your password, a new certificate must be issued. Do not share your password with anyone.**

9. Notice that the security level is now set to **High**. Click **OK**.



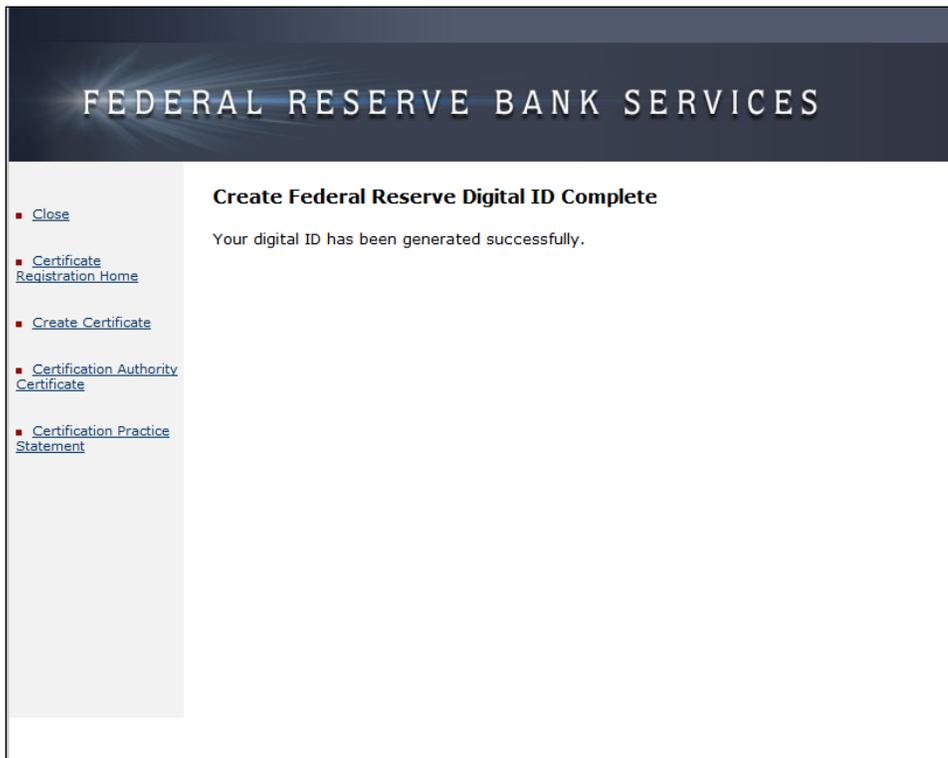
10. After selecting **OK** you may be presented with the following pop-up window. Please verify that the thumbprint shown in the window matches the thumbprint below, and then select the **Yes** button.

**Thumbprint (sha1): 871BAAF5 0CFC2ECB 69EFAE14 BE9D71FB BBE8E7C7**



**Note: This pop-up will not be displayed if you have previously installed a Federal Reserve Banks certificate on the PC.**

When the certificate has been successfully downloaded, the following confirmation page will be displayed:

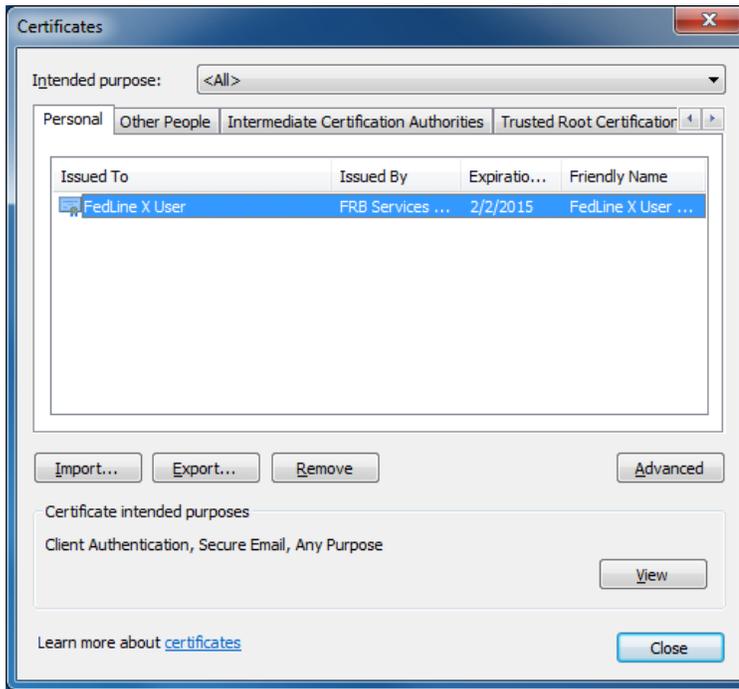


**You must safeguard the digital certificate and its associated private key.**

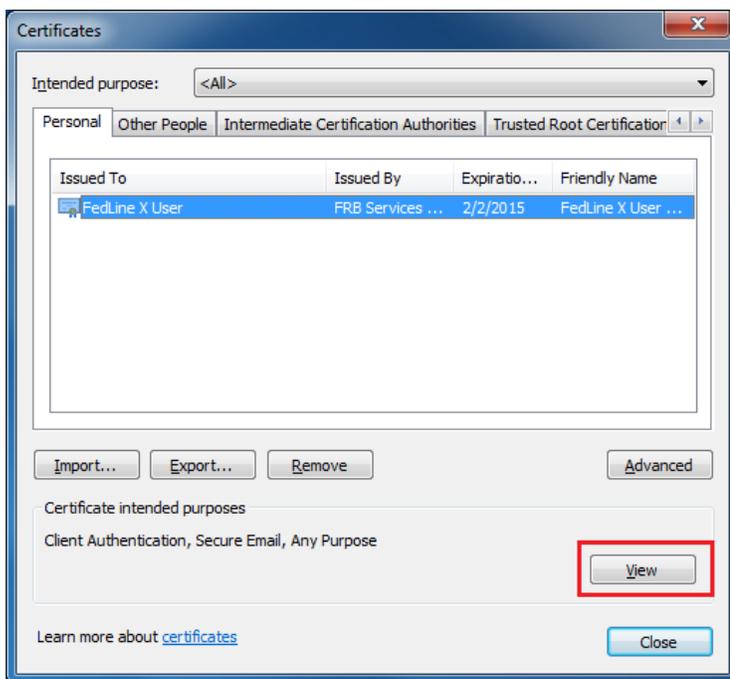
Key considerations include:

- Create a physical backup copy of the digital certificate file for business recovery purposes and store this copy in a safe location.
- Limit on a need-to-know or need-to-have basis all logical and physical access to the digital certificate. This includes access to the certificate repository that stores the certificate within your workstation or operating system.
- Limit on a need-to-know or need-to-have basis all logical and physical access to any backup copies of the digital certificate created through backup solutions.

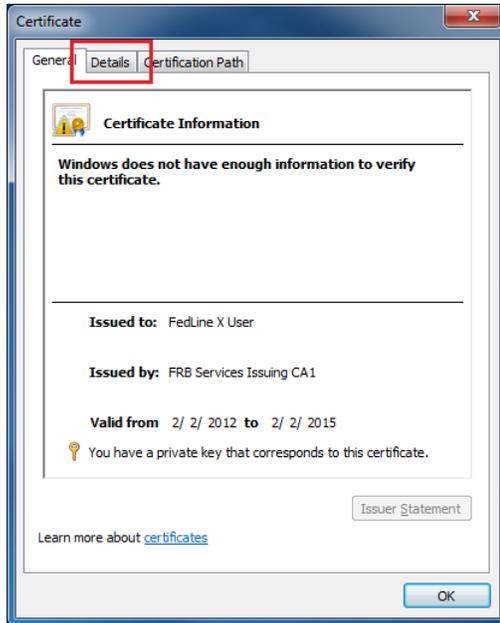
11. To verify that you have correctly installed the certificate, click **Tools** → **Internet Options** → **Content** → **Certificates**. You should see your newly downloaded certificate in the **Personal** tab. If multiple Federal Reserve Bank credentials appear in the list, the newly downloaded certificate will typically have the farthest expiration date.



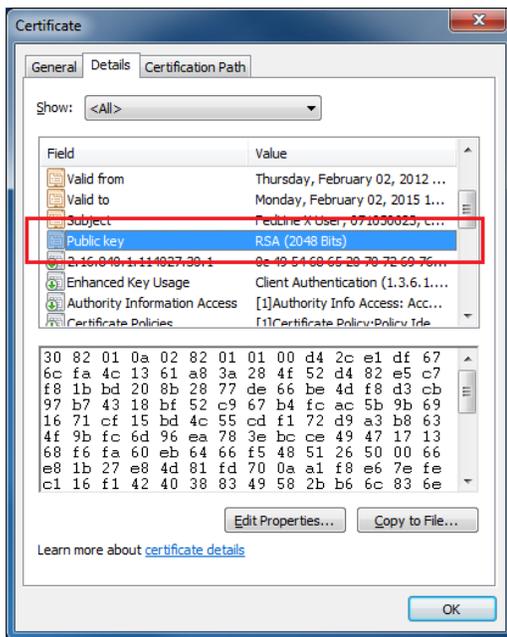
12. Click on the newly downloaded credential and click on the **View** button.



13. Click on the **Details** tab.



14. Look at the field called “**Public key**” and verify the value is set to **2048 Bits**.



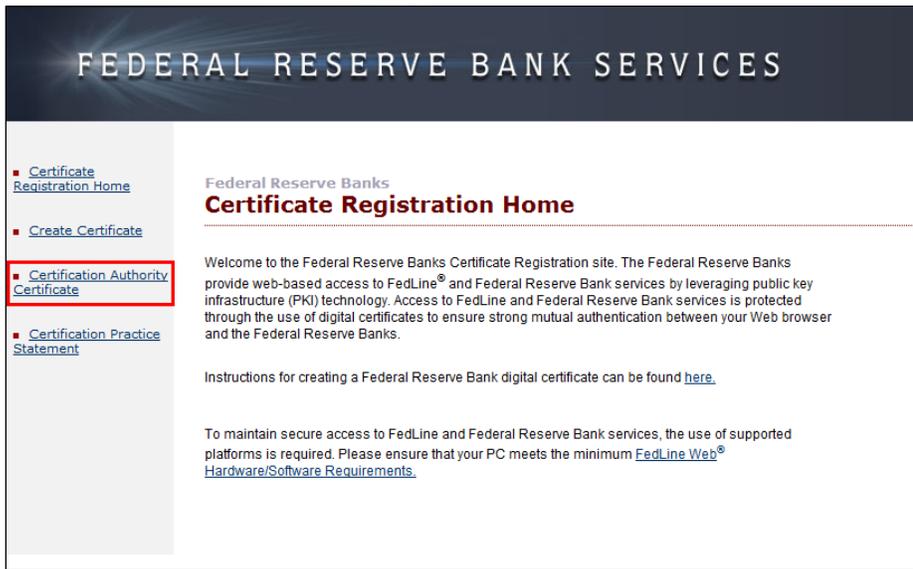
**Note: If the value displayed is not 2048 bits, the credential download process will need to be repeated. You must notify the Federal Reserve Banks immediately to initiate the credential re-issuance process. Please call the Customer Contact Center to initiate this process at 1-888-333-7010.**

# Installing the Federal Reserve Banks Certificate Authority (CA) Certificates

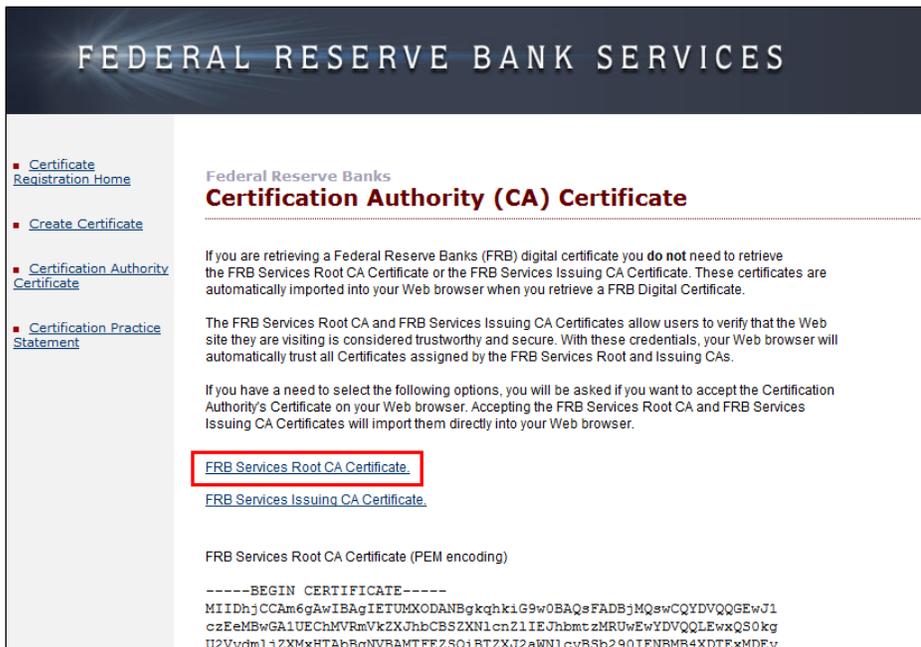
Some users may need to manually install the Federal Reserve Banks CA Certificates. Follow the procedures below to complete this activity on any new computer that will be used to access Federal Reserve Bank Services.

## FRB Services Root CA Certificate

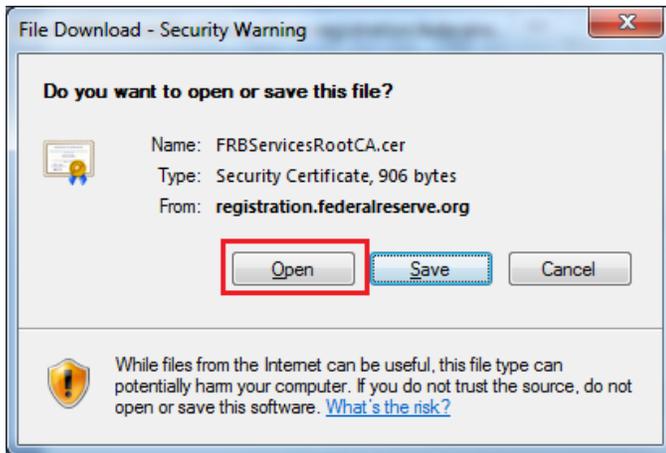
1. To install the Federal Reserve Banks CA certificates on a PC that will be used to access Federal Reserve Bank Services, browse to the Certificate Registration Home page at <https://registration.federalreserve.org> and click on the **Certification Authority Certificate** link in the left-hand navigation menu.



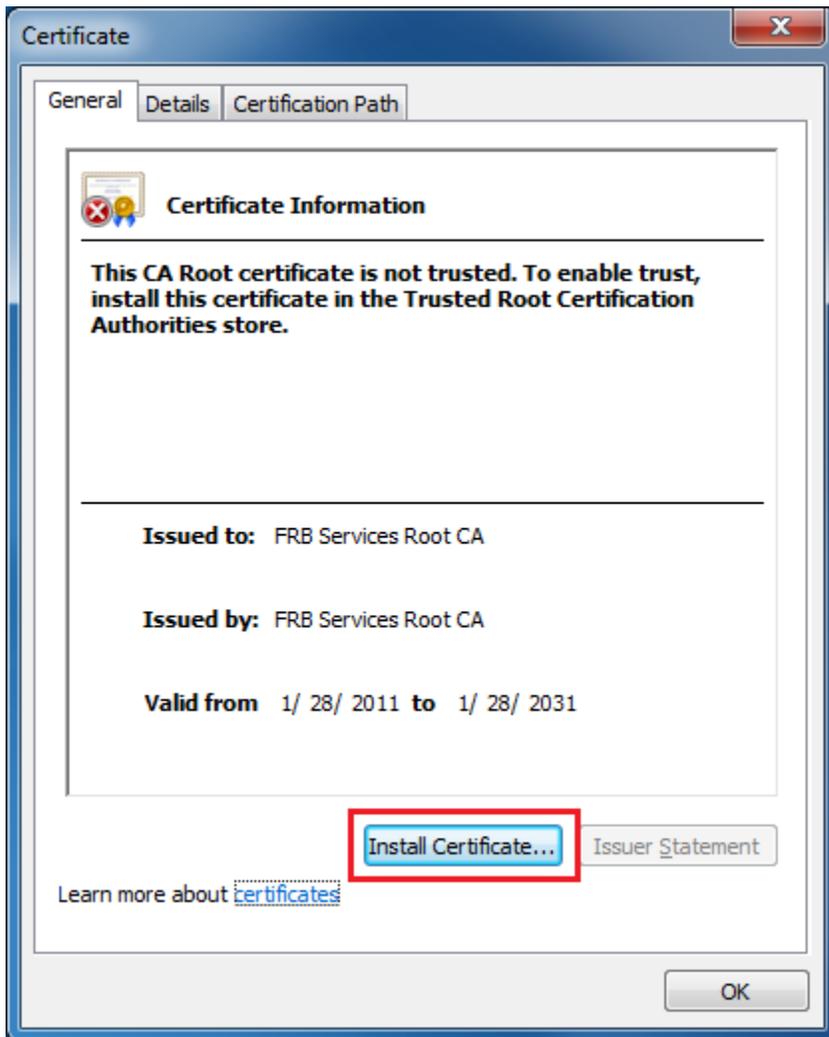
2. Two links to the separate certificates are listed. Click on **FRB Services Root CA Certificate**.



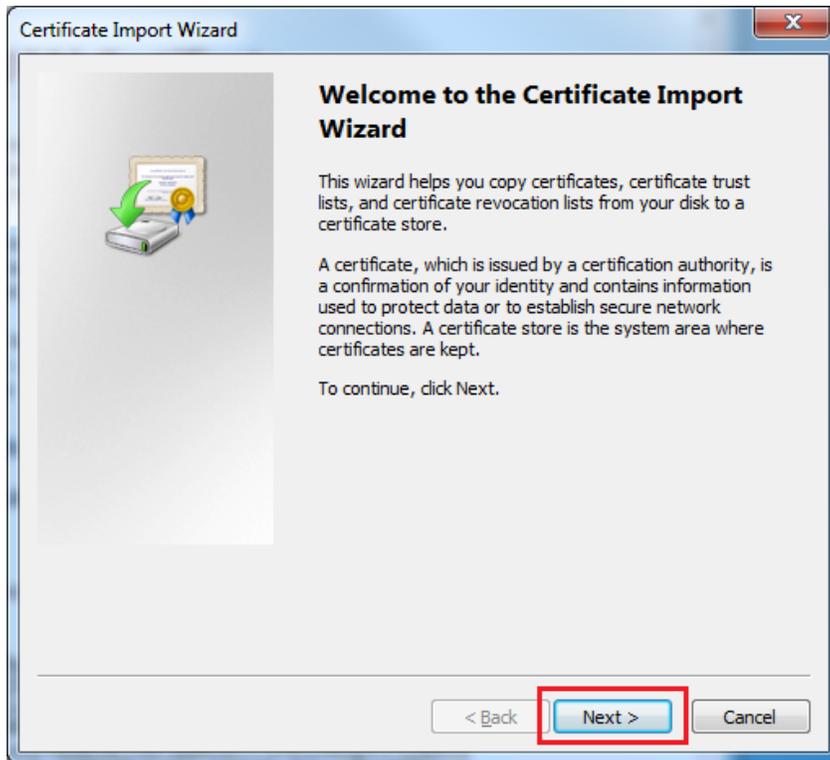
3. In the **File Download** prompt, click on the **Open** button.



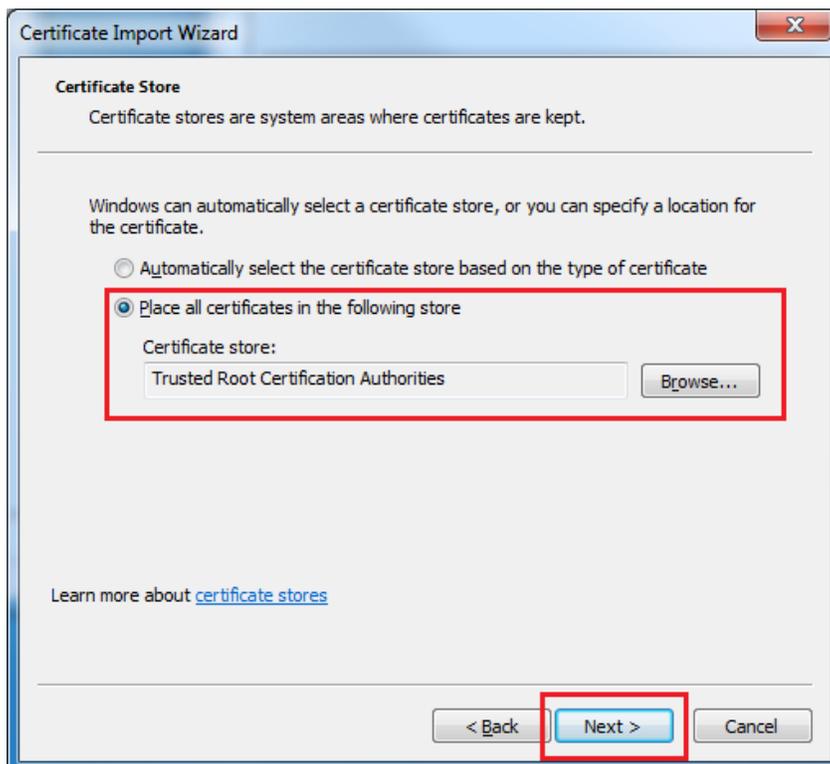
4. In the **Certificate Information** window, click on the **Install Certificate** button.



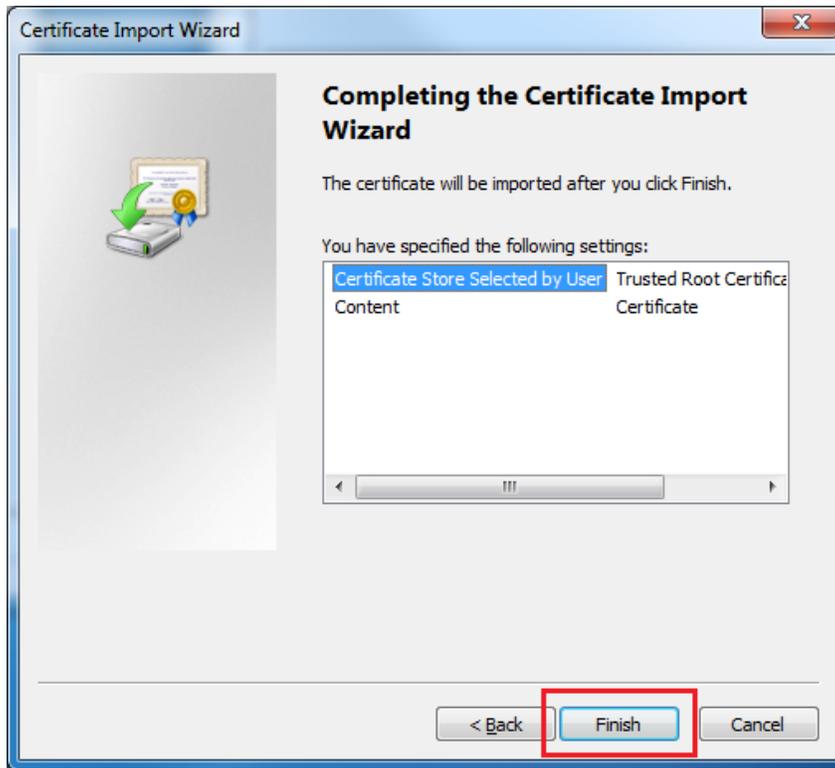
5. The **Certificate Import Wizard** will be initiated. Click on the **Next** button.



6. Select **Place all certificates in the following store** and click **Browse**. Select the **Trusted Root Certification Authorities** option and click **OK**. Verify the selection and click on the **Next** button.

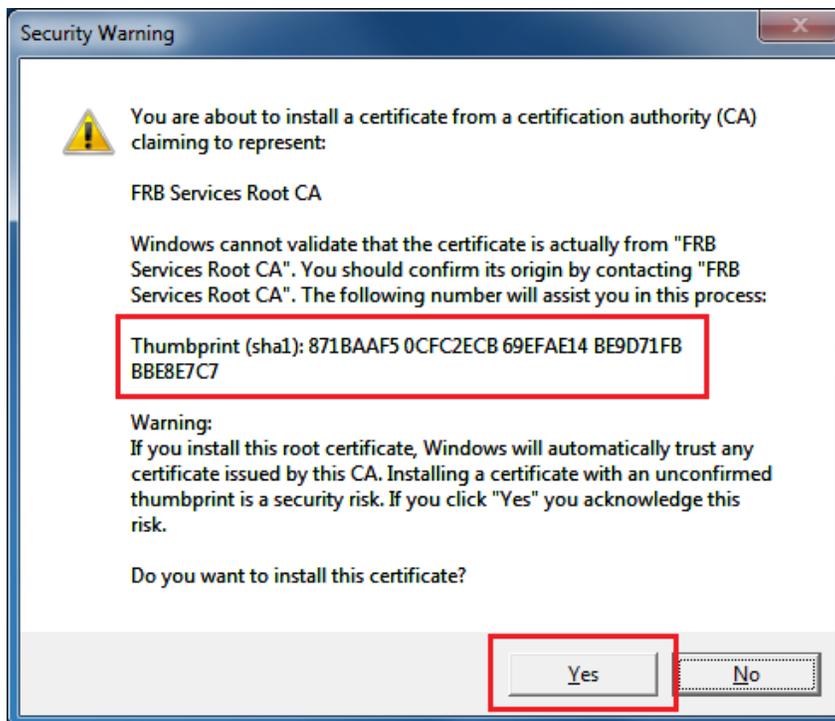


7. Click **Finish**.

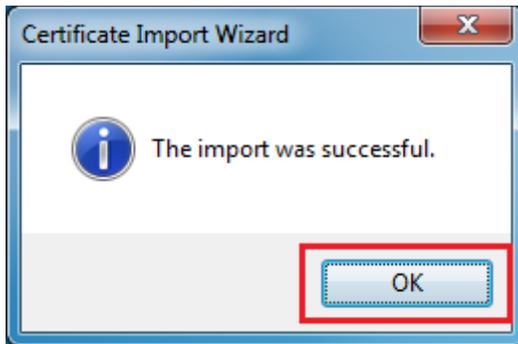


8. A **Security Warning** prompt will be displayed containing the Thumbprint information for the **FRB Services Root CA Certificate** (this will not be displayed for the FRB Services Issuing CA Certificate). Verify the Thumbprint and click on the **Yes** button to install the certificate.

**Thumbprint (sha1): 871BAAF5 0CFC2ECB 69EFAE14 BE9D71FB BBE8E7C7**



9. A confirmation prompt will be displayed when the certificate has been installed successfully. Click on the **OK** button to complete the FRB Services Root CA Certificate installation.



## FRB Services Issuing CA Certificate

1. To install the Federal Reserve Banks CA certificates on a PC that will be used to access Federal Reserve Bank Services, browse to the Certificate Registration Home page at <https://registration.federalreserve.org> and click on the **Certification Authority Certificate** link in the left-hand navigation menu.

FEDERAL RESERVE BANK SERVICES

- [Certificate Registration Home](#)
- [Create Certificate](#)
- [Certification Authority Certificate](#)
- [Certification Practice Statement](#)

Federal Reserve Banks  
**Certificate Registration Home**

Welcome to the Federal Reserve Banks Certificate Registration site. The Federal Reserve Banks provide web-based access to FedLine® and Federal Reserve Bank services by leveraging public key infrastructure (PKI) technology. Access to FedLine and Federal Reserve Bank services is protected through the use of digital certificates to ensure strong mutual authentication between your Web browser and the Federal Reserve Banks.

Instructions for creating a Federal Reserve Bank digital certificate can be found [here](#).

To maintain secure access to FedLine and Federal Reserve Bank services, the use of supported platforms is required. Please ensure that your PC meets the minimum [FedLine Web® Hardware/Software Requirements](#).

2. Two links to the separate certificates are listed. Click on **FRB Services Issuing CA Certificate**.

FEDERAL RESERVE BANK SERVICES

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Federal Reserve Banks  
**Certification Authority (CA) Certificate**

If you are retrieving a Federal Reserve Banks (FRB) digital certificate you **do not** need to retrieve the FRB Services Root CA Certificate or the FRB Services Issuing CA Certificate. These certificates are automatically imported into your Web browser when you retrieve a FRB Digital Certificate.

The FRB Services Root CA and FRB Services Issuing CA Certificates allow users to verify that the Web site they are visiting is considered trustworthy and secure. With these credentials, your Web browser will automatically trust all Certificates assigned by the FRB Services Root and Issuing CAs.

If you have a need to select the following options, you will be asked if you want to accept the Certification Authority's Certificate on your Web browser. Accepting the FRB Services Root CA and FRB Services Issuing CA Certificates will import them directly into your Web browser.

[FRB Services Root CA Certificate](#)

[FRB Services Issuing CA Certificate](#)

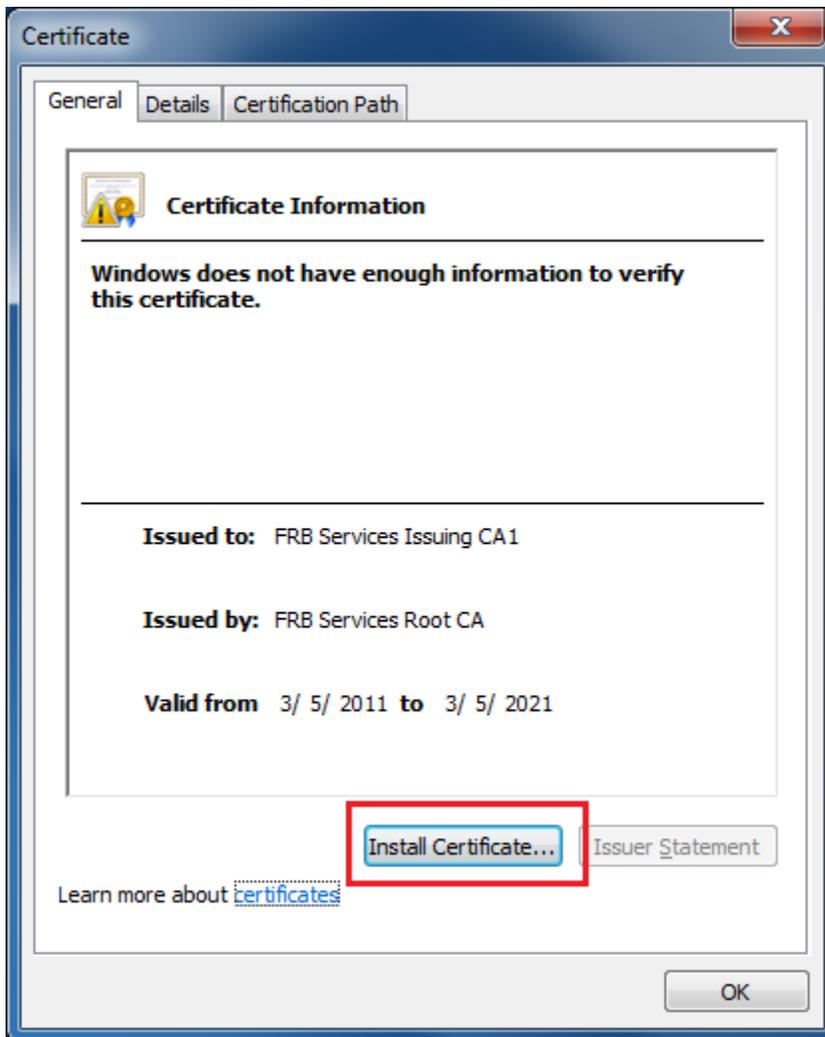
FRB Services Root CA Certificate (PEM encoding)

```
-----BEGIN CERTIFICATE-----
MIIDhjCCAm6gAwIBAgIETUMXODANBgkqhkiG9w0BAQoFADBJMQswCQYDVQQGEWJ1
czEeMBwGA1UEChMVRmVrZkZJbCBSZXN1cnZ1IEJhbmtzMRUwEwYDVQQLEwxQS0kg
U2Vydml1jZXMxHTAbBgNVBAMTFFZSQ1BTZXJ2aWN1cyBSb290IENBMB4XDTEy
ODE4NTE1NFoXDTMxMDEyODE5MjE1NFowYzELMAkGA1UEBhMCdXMxHjAcBgNVBAoT
FUZlZGVyYWwgUmVzZXJ2ZSBCYW55czEwDQYJKoZIhvcNAQEFBQcQ
-----
```

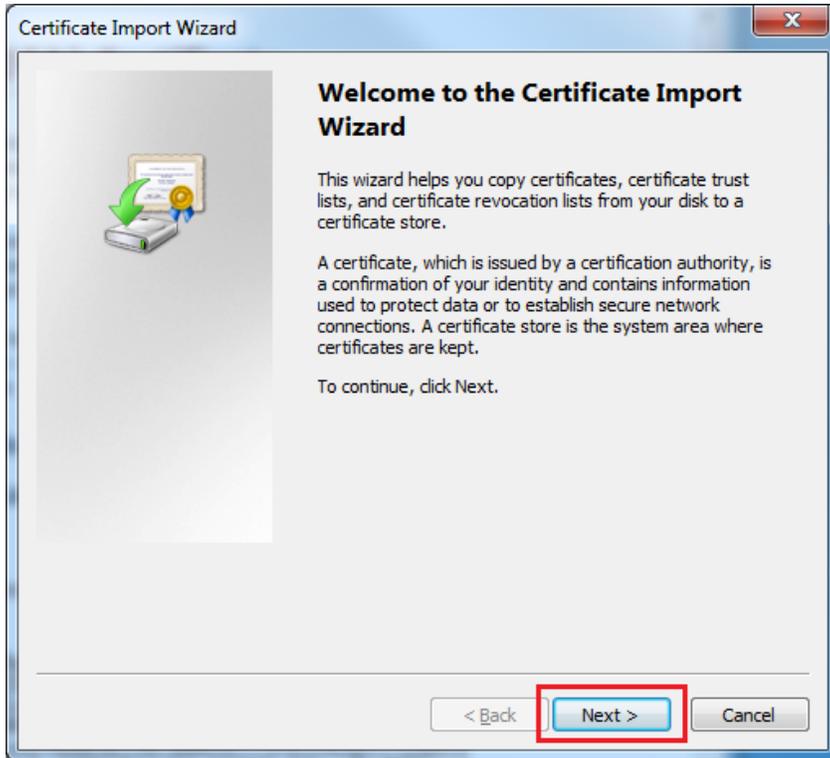
3. In the **File Download** prompt, click on the **Open** button.



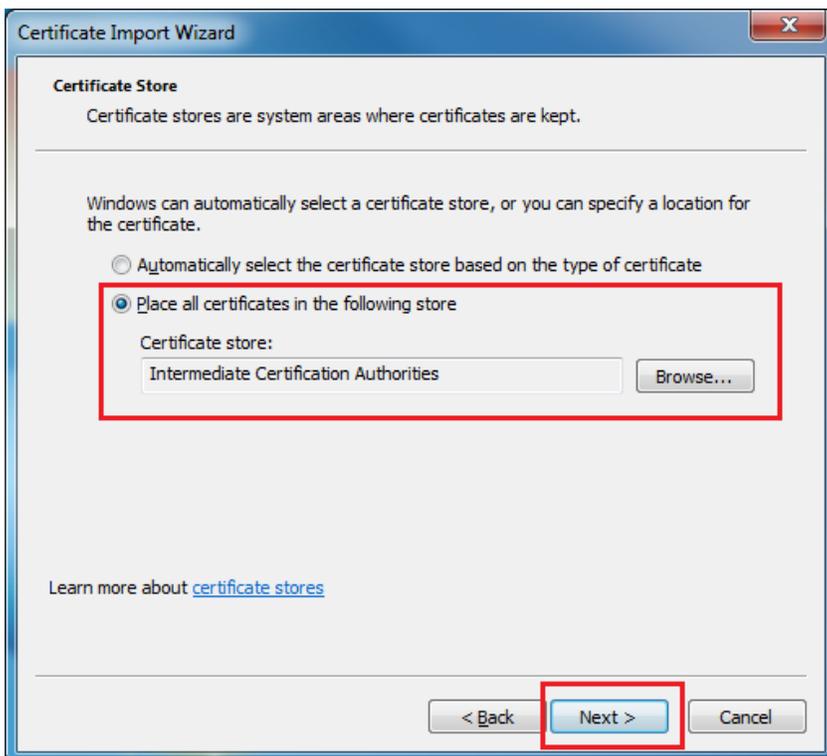
4. In the **Certificate Information** window, click on the **Install Certificate** button.



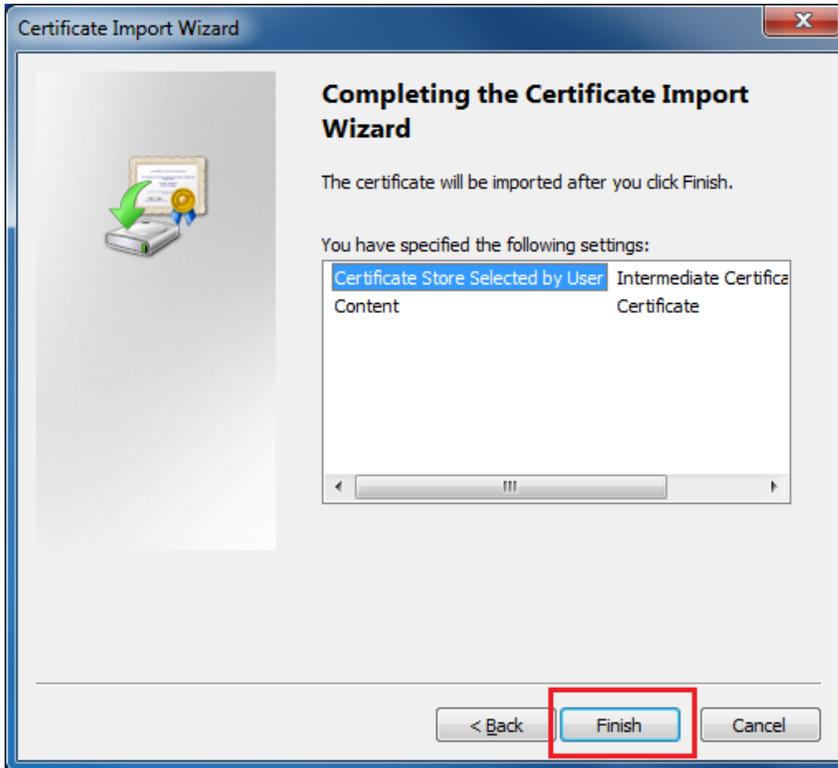
5. The **Certificate Import Wizard** will be initiated. Click on the **Next** button.



6. Select **Place all certificates in the following store** and click **Browse**. Select the **Intermediate Certification Authorities** option and click **OK**. Verify the selection and click on the **Next** button.



7. Click **Finish**.



8. A confirmation prompt will be displayed when the certificate has been installed successfully. Click on the **OK** button to complete the FRB Services Issuing CA Certificate installation.

