<u>Certificate Installation in Web Browser</u>

If you are facing certificate warning regularly, then you may install the certificate in the browser of your device to avoid the warnings whose link is given below:

https://www.niser.ac.in/docs/Fortinet_CA_SSL.cer

For Windows and Mac, the installation process is given below:

The method you use for importing the certificate varies depending on the type of browser.

Internet Explorer, Chrome, and Safari (on Windows and macOS):

Internet Explorer, Chrome, and Safari use the operating system's certificate store for Internet browsing. If users will be using these browsers, you must install the certificate into the certificate store for the OS.

1. If you are using Windows 7/8/10, double-click the certificate file and select **Open**. Select **Install Certificate** to launch the **Certificate Import Wizard**.
2. Use the wizard to install the certificate into the **Trusted Root Certificate Authorities** store. If a security warning appears, select **Yes** to install the certificate.

Completing the Certificate Import Wizard

The certificate will be imported after you click Finish.

You have specified the following settings:

Certificate Store Selected by User	Trusted Root Certification Authorities
Content	Certificate

3. If you are using macOS, double-click the certificate file to launch **Keychain Access**.
4. Locate the certificate in the **Certificates** list and select it. Expand **Trust** and select **Always Trust**. If necessary, enter the administrative password for your computer to make this change.

172.25.176.51
Intermediate certificate authority
Expires: Monday, July 17, 2028 at 4:12:23 PM GMT-04:00
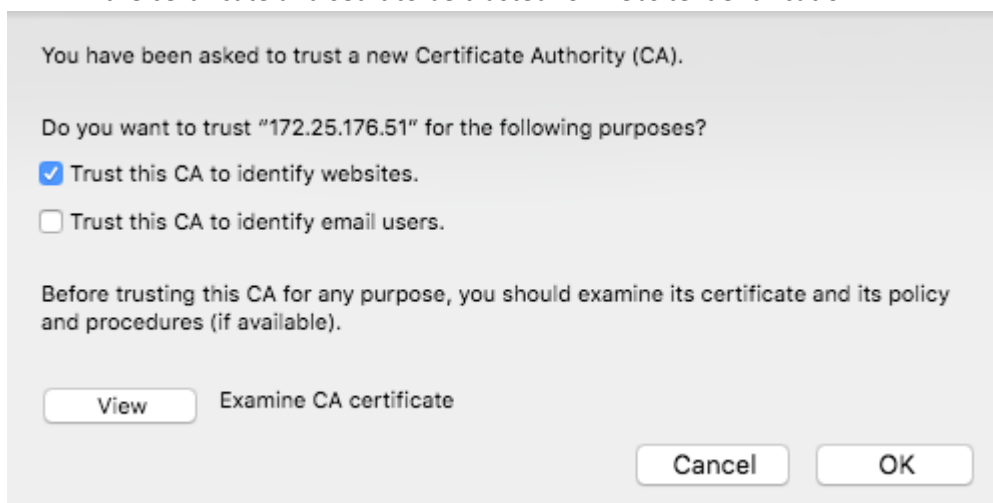❌ This certificate was signed by an unknown authority

▼ **Trust**

When using this certificate:	Always Trust ⇕ ?
Secure Sockets Layer (SSL)	Always Trust ⇕
Secure Mail (S/MIME)	Always Trust ⇕
Extensible Authentication (EAP)	Always Trust ⇕
IP Security (IPsec)	Always Trust ⇕
iChat Security	Always Trust ⇕
Kerberos Client	Always Trust ⇕
Kerberos Server	Always Trust ⇕
Code Signing	Always Trust ⇕
Time Stamping	Always Trust ⇕
X.509 Basic Policy	Always Trust ⇕

Firefox (on Windows and macOS)

Firefox has its own certificate store. To avoid errors in Firefox, the certificate must be installed in this store, rather than in the OS.

If users are using Firefox, instead of being pushed to all of their devices, the certificate must be installed on each device.

1. In Firefox, go to **Options > Privacy & Security** (Windows) or **Preferences > Privacy & Security** (macOS).
2. Scroll down to the **Certificates** section. Select **View Certificates**, select the **Authorities** list. **Import** the certificate and set it to be trusted for website identification.

You have been asked to trust a new Certificate Authority (CA).

Do you want to trust "172.25.176.51" for the following purposes?

☑ Trust this CA to identify websites.

☐ Trust this CA to identify email users.

Before trusting this CA for any purpose, you should examine its certificate and its policy and procedures (if available).

View   Examine CA certificate

Cancel   OK

Certificate Installation and Management in Firefox on Linux:
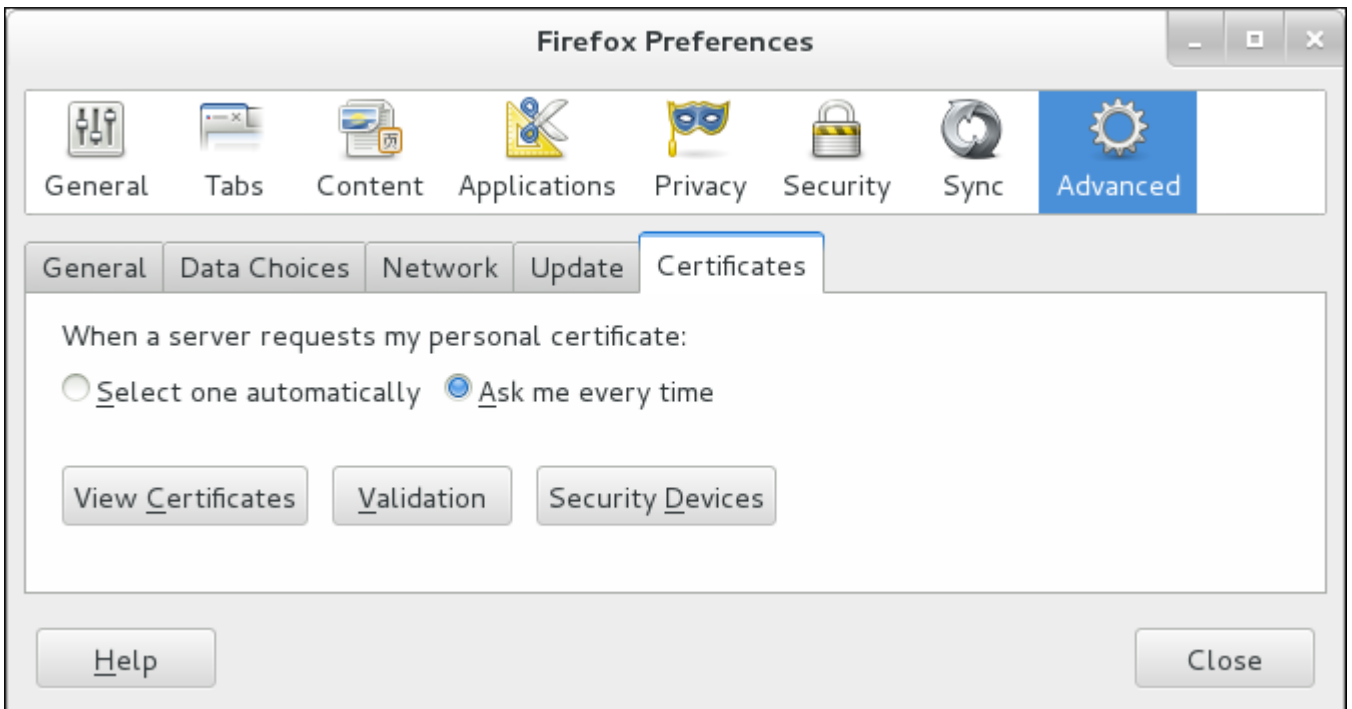
To manage certificates in Firefox, open the **Certificate Manager**.

1. In Mozilla Firefox, open the Firefox menu and click **Preferences**.
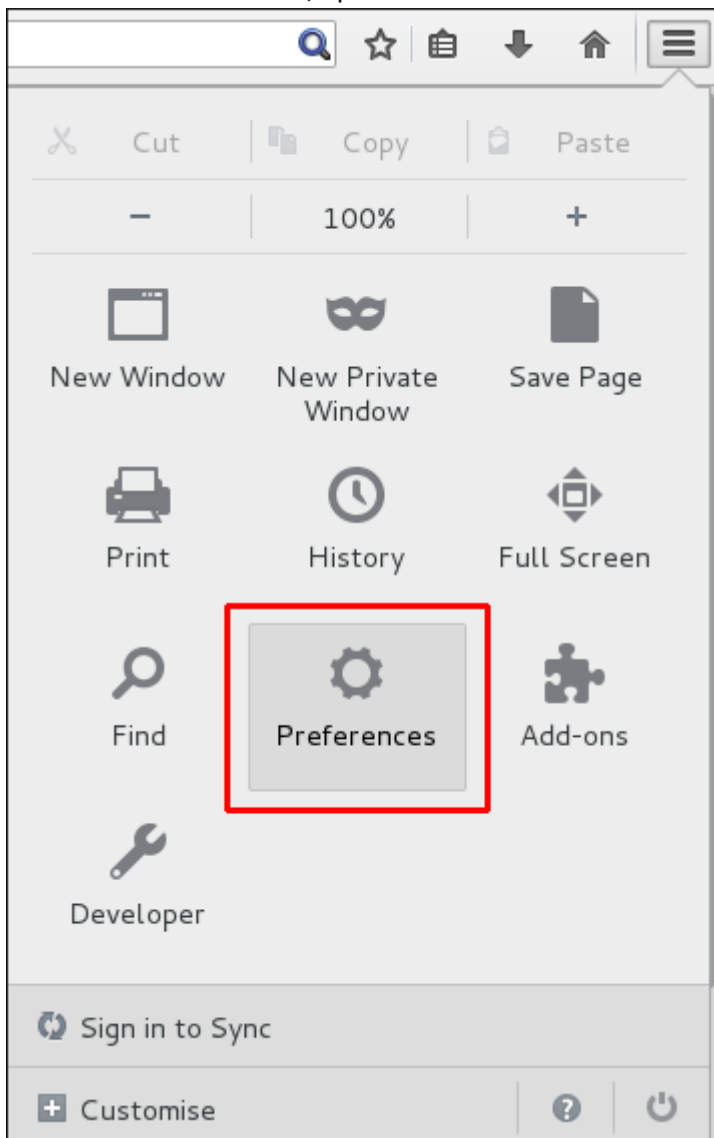
Figure 13.2. Firefox Preferences

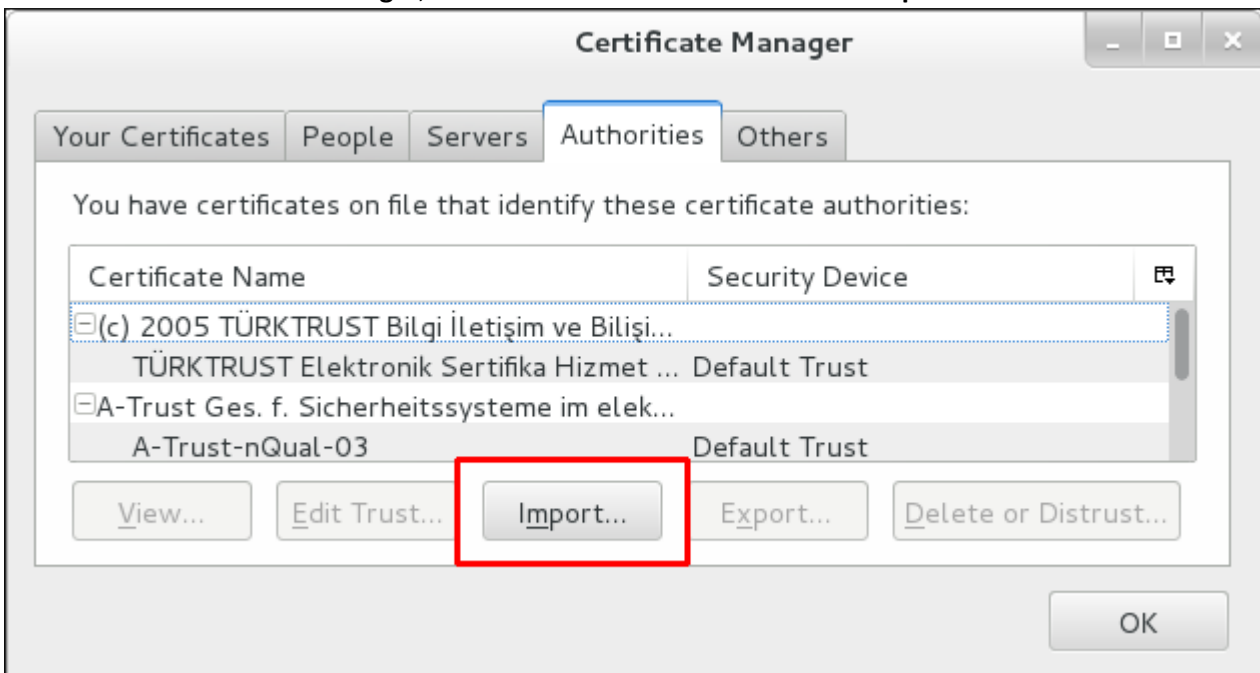2. Open the **Advanced** section and choose the **Certificates** tab.

Figure 13.3. Certificates Tab in Firefox

    3.   Click **View Certificates** to open the **Certificate Manager**.

To import a CA certificate:

    1.   Download and save the CA certificate to your computer.

    2.   In the **Certificate Manager**, choose the **Authorities** tab and click **Import**.
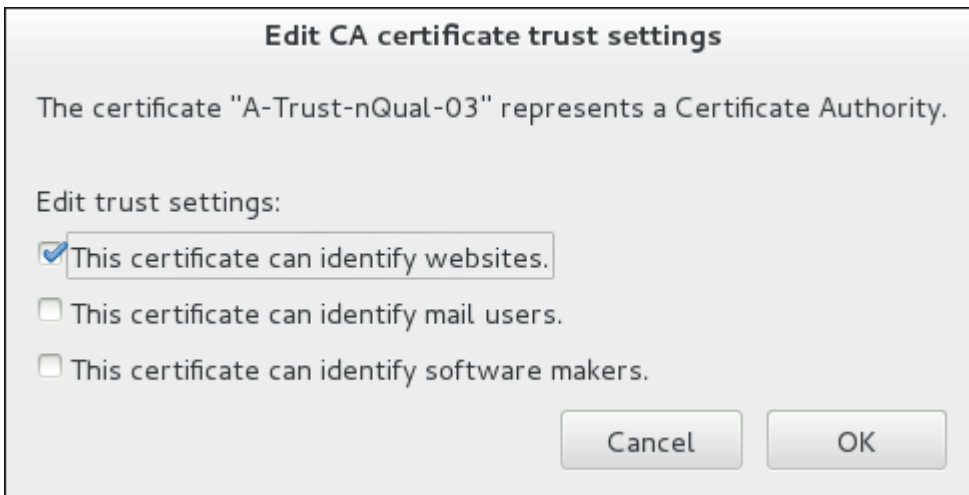

Figure 13.4. Importing the CA Certificate in Firefox

    3.   Select the downloaded CA certificate.

To set the certificate trust relationships:

    1.   In the **Certificate Manager**, under the **Authorities** tab, select the appropriate certificate and click **Edit Trust**.

    2.   Edit the certificate trust settings.

Figure 13.5. Editing the Certificate Trust Settings in Firefox

To use a personal certificate for authentication:

1. In the **Certificate Manager**, under the **Your Certificates** tab, click **Import**.
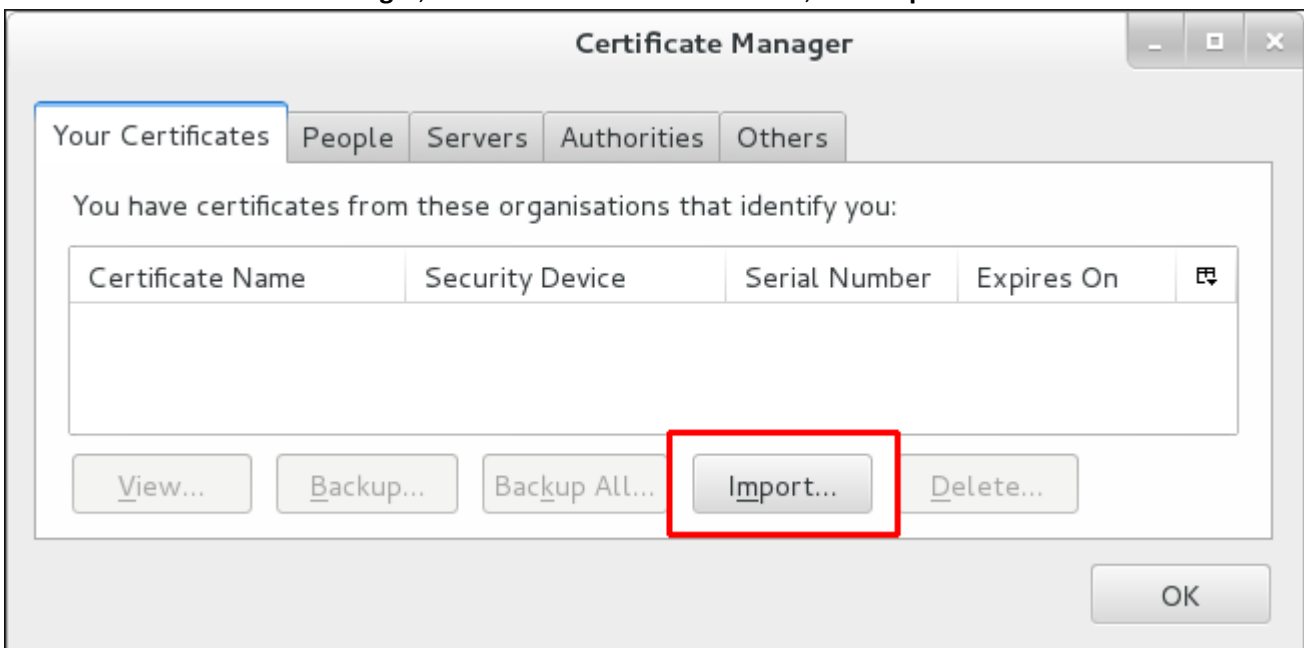
Figure 13.6. Importing a Personal Certificate for Authentication in Firefox

2. Select the required certificate from your computer.