

Netscape 7 ECA/IECA Digital Certificate Installation Process

Once you have enrolled and downloaded your IECA certificate you must now import it into Netscape 7. First, from the main window in Netscape 7, click on **Edit** and then **Preferences**. (see Figure 1.)

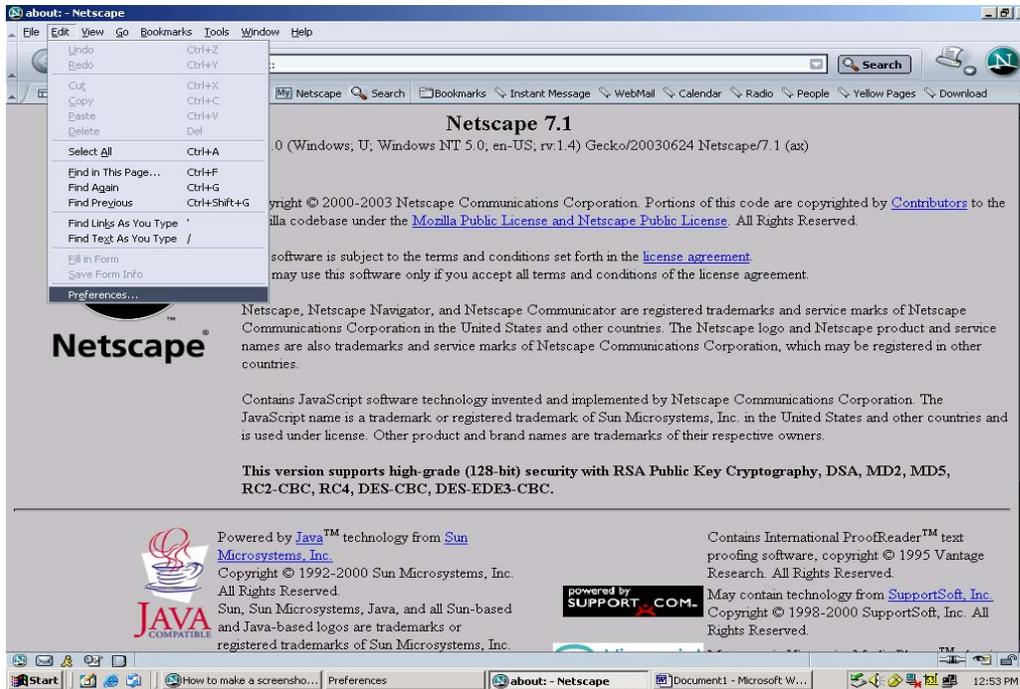


Figure 1.

In the Preferences window, select Privacy and Security in the left hand pane to expand it, and then click on Certificates. In the Client Certificate Selection area on the right hand pane, click the radio button that says **Ask Every Time**. Then click the **Manage Certificates** button. (See Figure 2.)



Figure 2.

In the Certificate Manager window, click on the **Import** button. (See Figure 3.)

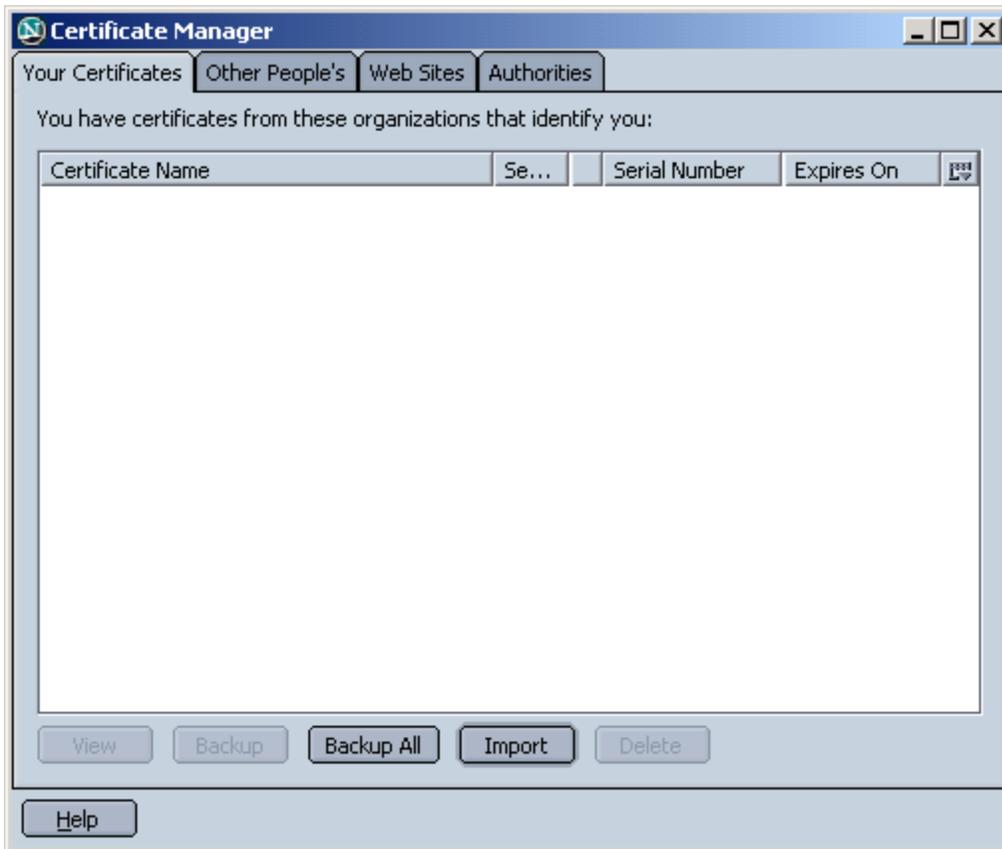


Figure 3.

You will now be asked to select the location of your digital certificate. Browse to the appropriate location, select your certificate, and then click on the **Open** button to continue. (See Figure 4.)

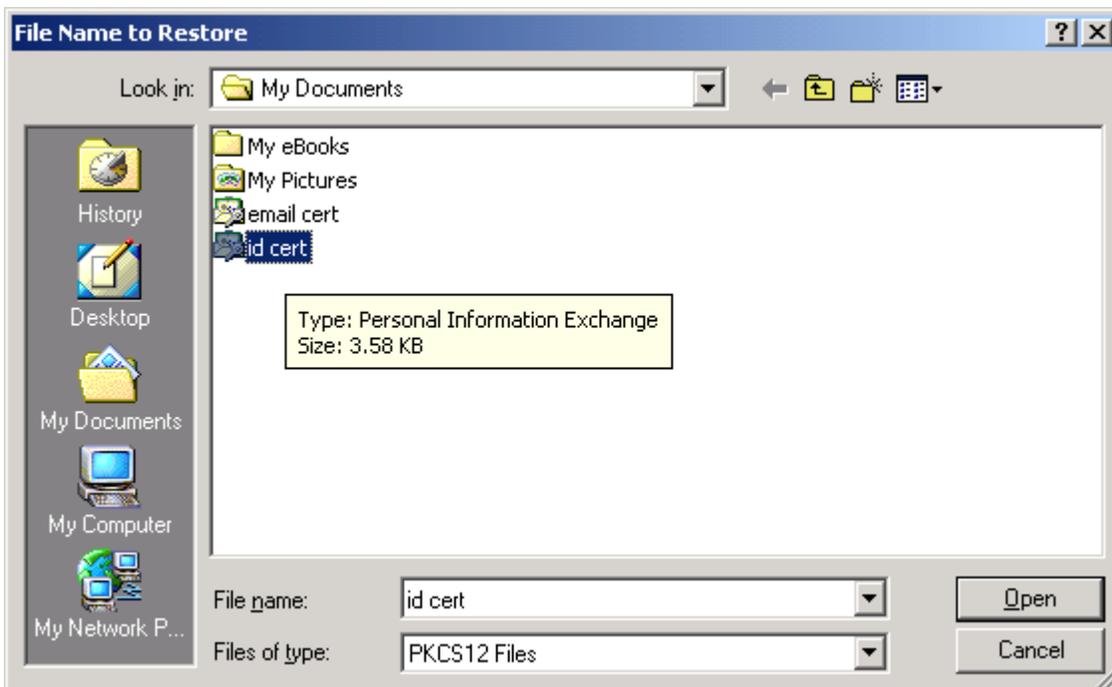


Figure 4.

If you've never done this before, you will be asked to enter a passphrase (password) that will protect your private key. Choose a suitable password, enter it again to confirm, and then click the OK button to continue. (See Figure 5.)

If you have done this before, you will be prompted for the password you set before, and will then skip to Figure 6.

Do not forget or misplace this password! If you forget this password, you will lose access to your digital certificate!



Figure 5.

You will now be prompted for the password for the private key which was provided to you during the enrollment process. After you have entered it, click on the OK button to continue. (see Figure 6.)



Figure 6.

Congratulations! Importing your digital certificate has been successful. Click on the OK button to continue. (see Figure 7.)

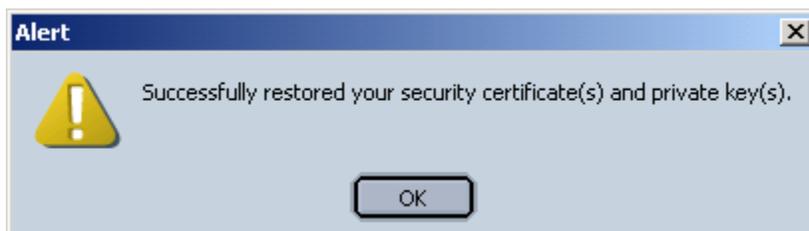


Figure 7.

Your digital certificate and your name should now appear in Your Certificates in the Certificates Manager window, similar to that illustrated by Figure 8.

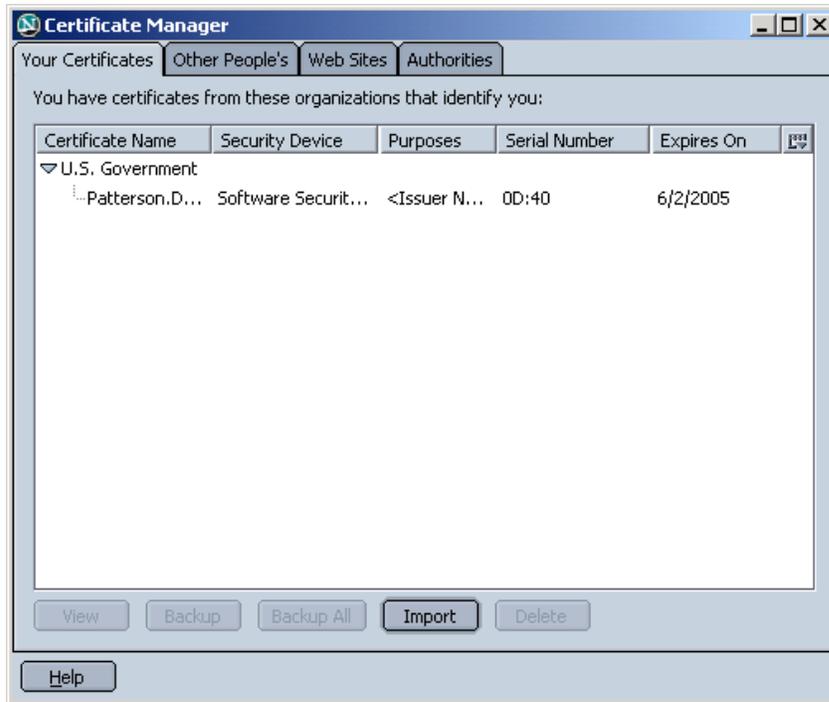


Figure 8.

Clicking the VIEW button at the bottom will bring you to the *Certificate Viewer* window. You will notice the name of the Issuer (ORC), when it was issued (6/2/2004), and when it expires (6/2/2005). (see figure 9.)

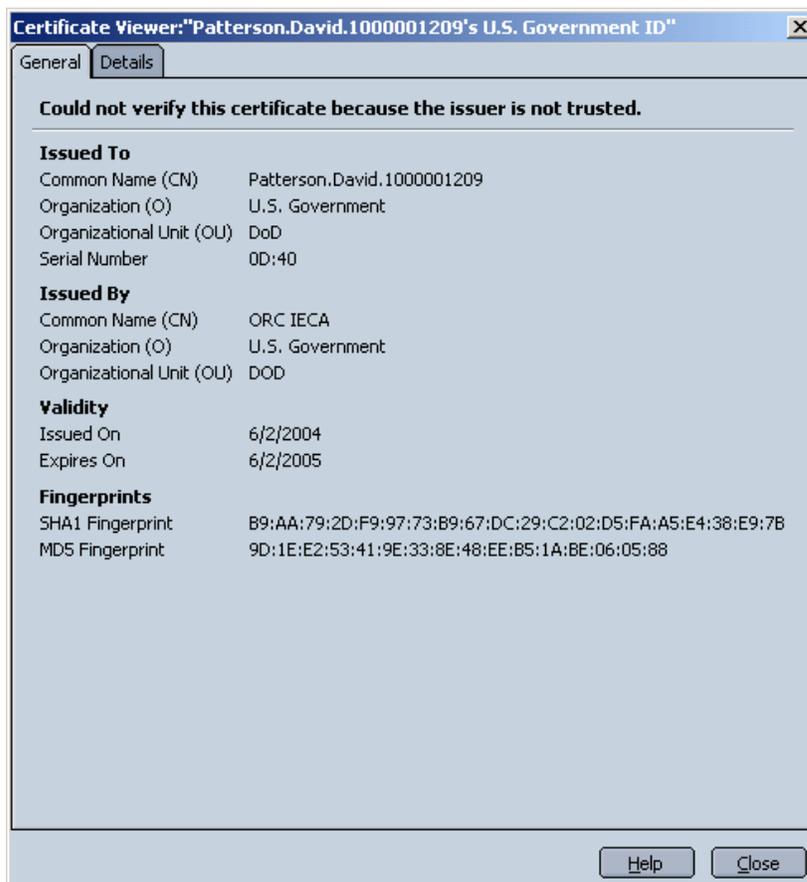


Figure 9.

Click the Details tab and go down to the Certificate Fields box and double-click the Certificate sub-menu. (see Figure 10.)

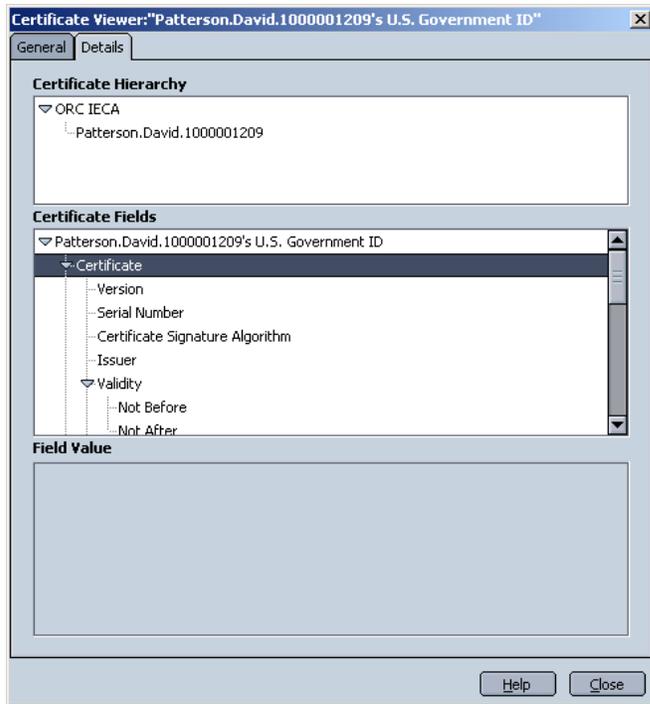


Figure 10.

Scroll down through the Certificate sub-menu until you come to the Extensions sub-menu. Double-click extensions and then you will see Certificate Key Usage directly below it. Highlight certificate Key usage and make note of the *Field Value* box below. In this case, it indicates *Critical, Signing, Non-repudiation*. These are the values that will appear for an IECA ID certificate. (see Figure 11.)

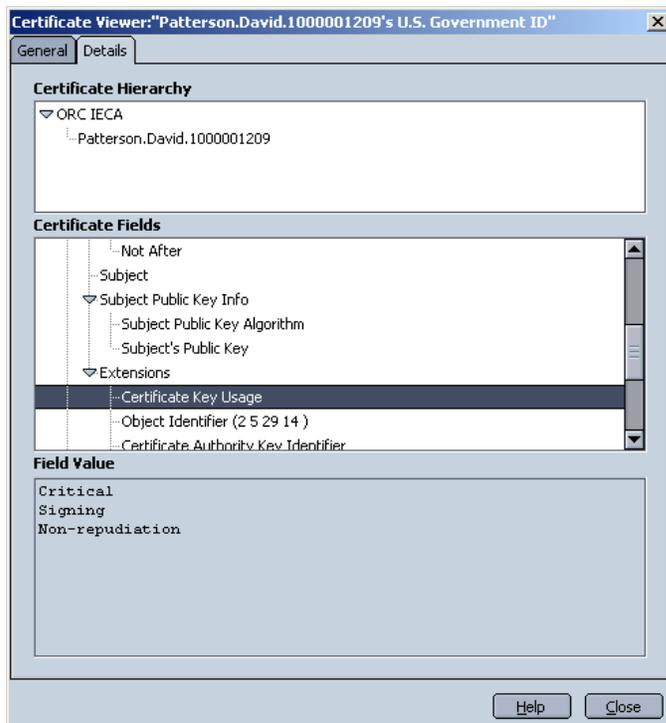


Figure 11.

After going back and importing the email certificate, you will notice differences between the two certificates when viewing them in the Certificate Manager window. Under the Certificate Name column, one certificate is named Patterson.David.email.1000001209 and the other is named Patterson.David.1000001209. The certificate with *email* in the name is the email certificate. The other is the ID certificate. In addition, the serial numbers are different. (see Figure 12.)

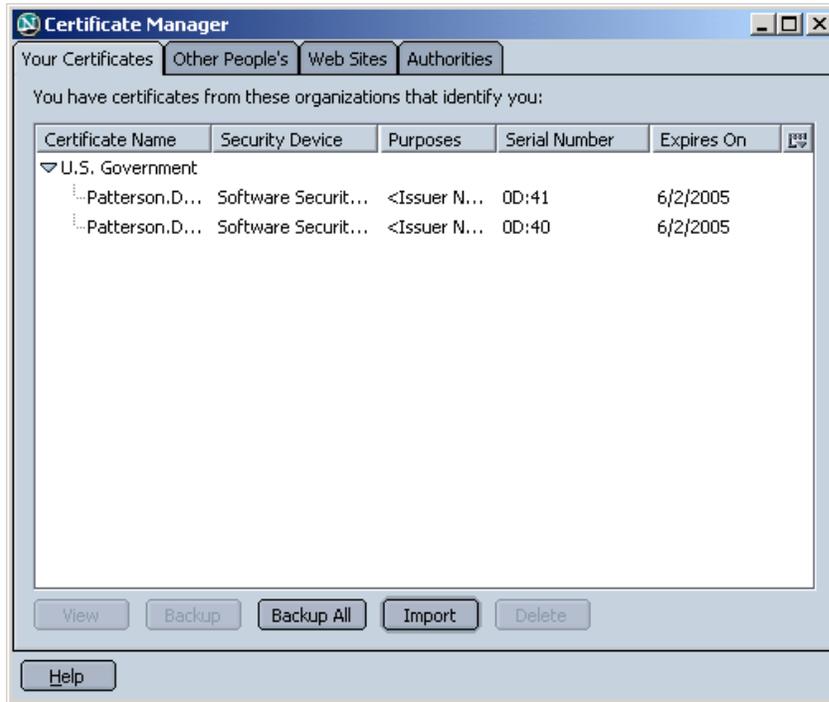


Figure 12.

We've viewed the details of the ID certificate previously, so let's take a look at the details for the email certificate. The General tab appears exactly the same as it would with the ID certificate except that the common name again includes the word *email* and the serial numbers and fingerprints are different. Click the Details tab. Go down to the Certificate Key Usage sub-menu again, single-click it, and notice the Field Value down below. The Certificate Key Usage Field value for the IECA email certificate is *Critical, Signing, Key Encipherment*. (see Figure 13.)

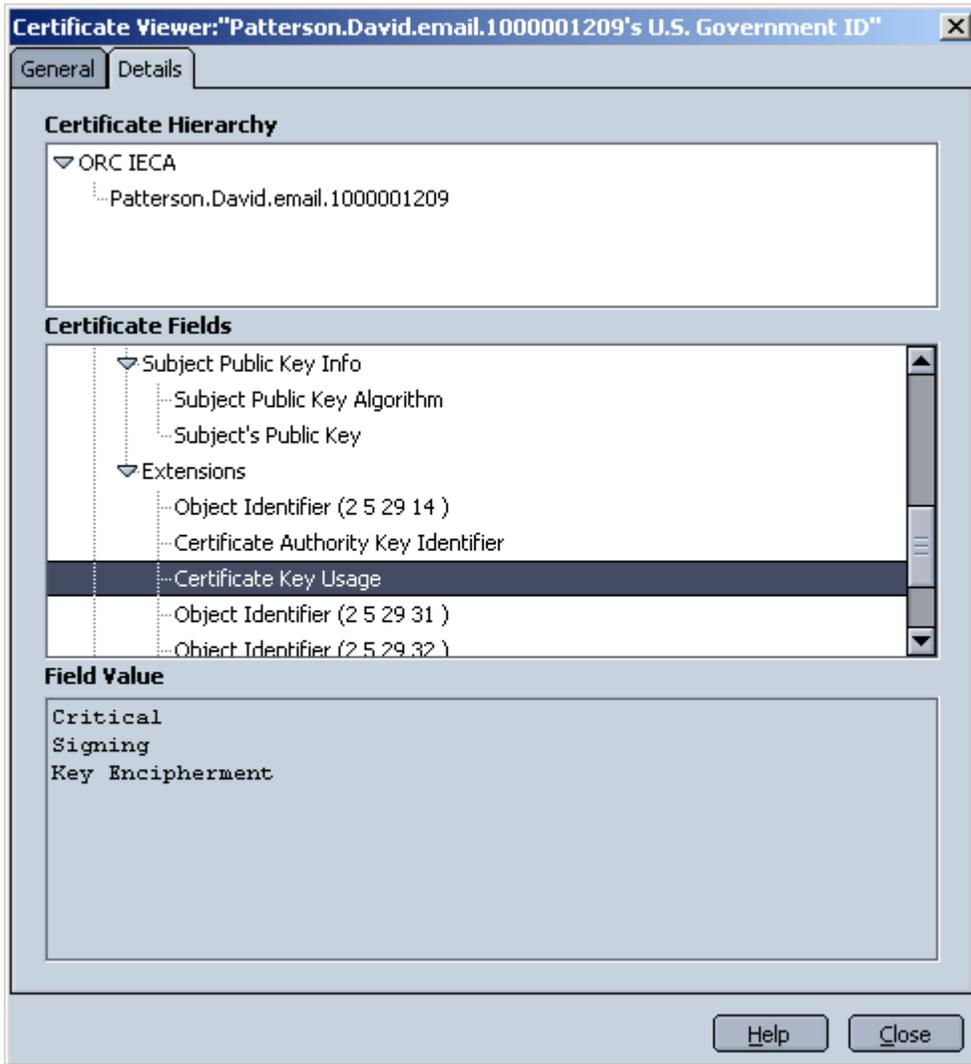


Figure 13.