# DigiCert CertCentral® Client Certificates

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## 1 How to Issue Personal ID Certificates (Admin)

The process for issuing any of the Client Certificates is the same:

- i. (If Required) Admin creates the Certificate Signing Request (CSR).
- ii. Admin fills out the Client Certificate request form.
- iii. User waits for approval.

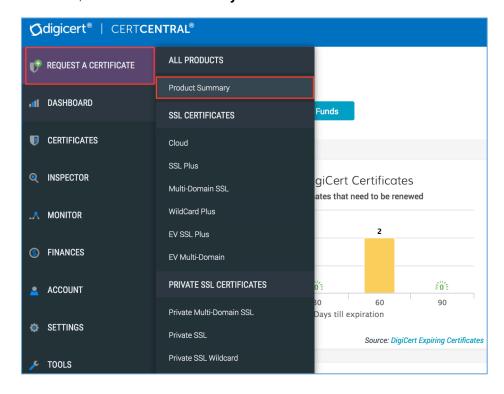
Because the form for requesting any of the Client Certificates is similar, we will provide instructions for requesting a Premium Certificate and note any differences between the Premium Certificate request form and the other types of Client Certificate request forms.

You can use this instruction for the following certificates:

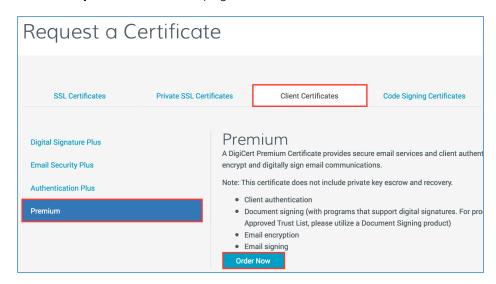
- Digital Signature Plus
- Email Security Plus
- Authentication Plus
- Premium

#### **How to Request a Premium Client Certificate**

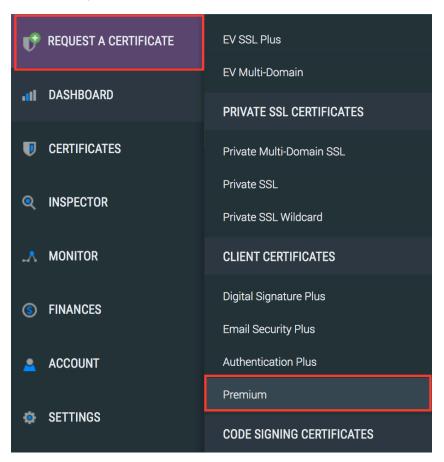
- 1. In your CertCentral account, do one for the following:
  - a. Option 1: Unfamiliar with certificate choices and the requesting process
    - i. In the sidebar menu, click **Request a Certificate** and then under **All Products**, click **Product Summary**.



ii. On the Request a Certificate page, select Client Certificates.



- iii. On the Client Certificates tab, select Premium and then, click Order Now.
- b. Option 2: Familiar with certificate choices and the requesting process
  - In the sidebar menu, click Request a Certificate and then under Client Certificates, select Premium.



2. On the **Request a Client Certificate** page, under **Certificate Settings**, enter the following settings information:

\*Organization: In the drop-down list, select the organization for which you are

requesting the Client Certificate.

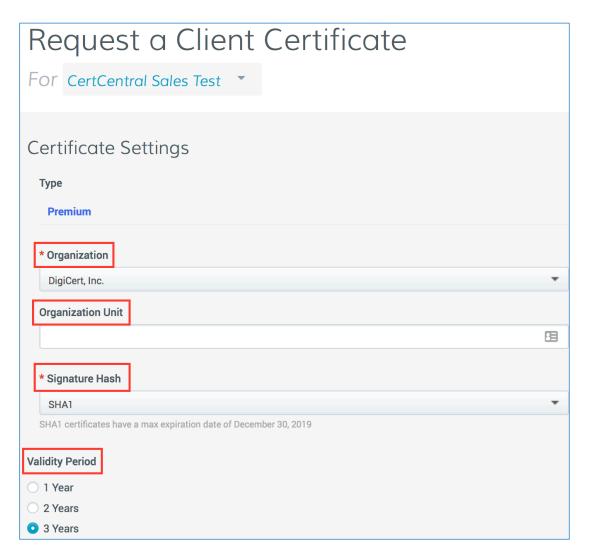
The organization's name appears on your Client Certificate.

**Organization Unit:** Enter the name of your department, group, etc.

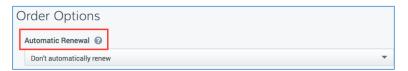
**\*Signature Hash:** In the drop-down list, select a signature hash (e.g., *SHA2*).

\*Validity Period: Select a validity period for the certificate: (1 Years, 2 Years, or 3

Year).



3. Under **Order Options**, in the **Automatic Renewal** drop-down list, select how often you want the certificate to be automatically renewed.



4. Under Certificate(s) to Request, enter the following Recipient Details:

## Recipient Name (Common Name)

Enter the recipient's name (e.g., *John Doe*) as you want it to appear on the Client Certificate.

**CSR Note:** If you need to use a CSR to create your certificate, enter the fully qualified domain name (e.g., www.example.com).

#### **Recipient Email**

Enter the recipient's email address (e.g., john.doe@example.com) that you want to appear on the Client Certificate.

This email address is used to send the recipient an email so that they can generate their Client Certificate.

## Multiple Email Addresses Note:

You can enter multiple email addresses if needed; note that all the email addresses appear on the Client Certificate.

When entering multiple email addresses, make sure to use commas to separate them (e.g., john.doe@example.com, john.doe@example2.com, jdoe@example3.com).

The first email address listed is used to send the recipient an email so that they can generate their Client Certificate.



## Recipient CSR (optional)

**(Only if required)** If you need to use a CSR to create your certificate, in the **Recipient CSR (optional)** box, do one of the following:

**CSR Note:** Only the Public Key embedded in the CSR is used to create your Client Certificate. All other fields in the CSR are ignored.

Upload your CSR. Click the **Click to upload a CSR** link to browse for, select, and open your CSR file.

Paste your CSR.

Use a text editor to open your CSR file.
Then, copy the text, including the ——
BEGIN NEW CERTIFICATE REQUEST—
- and ——END NEW CERTIFICATE
REQUEST—— tags, and paste it in to the request form in the area provided.

----BEGIN NEW CERTIFICATE REQUEST----MIICvDCCAaQCAQAwdzELMAkGA1UEBhMCVVMxEjAQBgNVBAgTCV1vdXJTdGF0ZTER MA8GA1UEBxMIWW91ckNpdHkxCzAJBgNVBAsTAk1UMRowGAYDVQQKExFZb3VyQ29t cGFueSwgSW5jLjEYMBYGA1UEAxMPd3d3LmV4YW1wbGUuY29tMIIBIjANBgkqhkiG 9w0BAQEFAAOCAQ8AMIIBCqKCAQEA379BFFxfACdXsUk2wrQka/nA1Kbo+I9DAW32 +/SRxj/KtXVddscKW1obHGpMKPw4meJqOpQwJkIChYjSUQSpPKzdGpccDMf/eoF0 J7EaQ2szLv9AqdRQw2Aaek8SmocVmd3LxEOX4VvALBOMLHVrB5/vhYfGECLJbc31 RdEbdXyHDtHk1RAoIVQCfjTwBWGNAD337vmHW7Q0R6FYUoa4fcJh7Rv6jHSywqwx 7pVfaDbZPuTgUhw7wksKNFxccG0xcTMr/+GrciHEuZ0chq86CBP9RIyLpp2+RMSf m6rMEYm9o65j7vEYaKEJUOJtA5MIs/ZjaXfS1LjXurLU0nCOQQIDAQABoAAwDQYJ KoZIhvcNAQEFBQADggEBAK159goyAYOpcnrQ2EvCGlizrK1kS3D8JjnAiP1NHrjB /qdTYR+/8Dr/hMcwwU5ThGAVf68eMkk6tUNwAdpZ9C904Js2z+ENEb08GA0Fc4rw ix7vb15vSXe3shGijRGIzzHVGRoR3r7xQtIuMaDAr3x1V8jHbcvZTcpX0Kbq6H1G NLA4CXs0I4KGwu4FXfSzJEGb3gEJD8HaMP8V8er5G0owv/g/9Z/1/b0g97kAcUwk M2eDsvPhMx/pENGbnLPe4XMy7NPiEdzFnaYtUy2BDcXj3ZQEWxRWk1ERgg9/YcWI obf5ziuNm1Df24NBt5tpCNzfGviKT6/RYfWg3dMaKxc= ----END NEW CERTIFICATE REQUEST--

5. To add additional Client Certificate recipients, click the **Add Another Certificate** link and enter the recipient's **Recipient Details**.

+ Add Another Certificate

#### 6. Additional Information

If your company/organization has added any custom fields to your certificate request form, enter the additional information, required and optional.

Additional Information		
Add Order number and associated PO		
mail list		
Required Field 2		
Country		
Optional		

#### 7. Under **Payment Information**, one of the following:

#### a. Pay with Contract Terms

If you have a contract and want to use it to pay for the certificate request, continue to step 8.

**Note:** If you have a contract, it is the default payment method.

Payment Information		
Exclude from contract terms 🔞		
Payment Method		
1 This request will be deducted from your contract limits.		

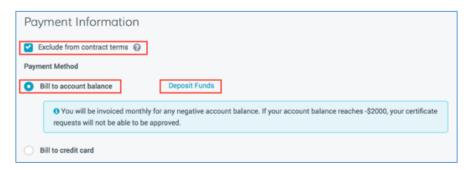
#### b. Exclude from Contract Terms and Pay with Account Balance

If you don't want to or can't use your contract terms to pay for the certificate, you can pay for the certificate by billing it to your account.

- i. Check Exclude from contract terms.
- ii. Select **Bill to account balance** and continue to step 8.

**Note:** If you need to deposit funds before continuing with the certificate order, click the **Deposit** link. Be aware that when you click the link you are taken to another page inside CertCentral,

and the information that you have entered about the certificate is not saved.



#### c. Exclude from Contract Terms and Pay with Credit Card

If you don't want to or can't use your contract terms to pay for the certificate, you can pay for the certificate by billing it to a credit card.

- i. Check Exclude from contract terms.
- ii. Select **Bill to credit card** and then do one of the following options:
  - 1. Use One of the Credit Cards Listed
    - a. Under **Selected Card**, select one of the available cards.



#### 2. Add a Different Credit Card

a. Under Selected Card, select Another Credit Card.



b. Under **Credit Card Details**, type your credit card information (i.e., *card number, etc.*).



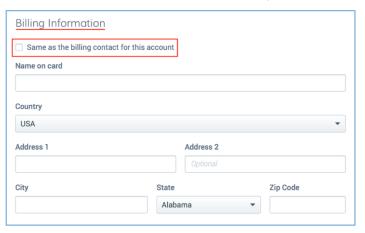
c. Then, under **Billing Information**, do one of the following:

## Use account's billing contact information

To use your account's billing contacts information for the credit card, check the **Same as billing contact for this account** box.

## Add your billing information

Type your billing information (i.e., *Name on card, Country, etc.*).



d. Under **Credit Card Options**, do any or none of the following:

## Do Not Save the Credit Card

- a) Uncheck Save this credit card.
- b) The credit card will not be added to your account. If you want to use the credit card again, you will need to reenter its information in your account.

## Save the Credit Card

To Save the Credit Card, do 1 or more of the following:

a) Check Save this credit card.

b) (Optional) Under **Card Name**, type a name for the credit card that will be helpful when using or identifying the card (i.e., *Pay Account Balance*).

Note: If no name is provided, the card name defaults to the card type and last four digits of the card number (i.e., AMEX ####).

 c) (Optional) If you want to use this credit card as the default credit card for your account, check Set this as the default credit card.

Note: This option does not appear when adding your first credit card. The first credit card added to your account is automatically set as the default credit card.

Credit Card Options				
Save this credit card				
Card Name				
Optional				
Set this as the default credit card				

8. Under **Certificate Services Agreement**, read through the terms of service, making sure you understand the terms and then, check **I agree to the** Under **Certificate Services Agreement above**.



- 9. When you are finished, click **Submit Certificate Request**.
- 10. You should be taken to the certificate's **Manage Order #** page where you can see the status of the email address verifications. Each of the email addresses listed in the certificate request is sent an email that contains a link so that the recipient can validate that they own that email address. If the certificate recipient loses a validation email, you can resend it. See <a href="How to Resend an Email Validation for DigiCert "Client Certificate" Email.">How to Resend an Email Validation for DigiCert "Client Certificate"</a>

On the **Orders** page (**Certificates > Orders**), the certificate should be listed with the **Status** of **Pending**.

11. After all email addresses are validated, the **Create Your DigiCert "Client Certificate"** email is sent to the first email address on the list so that the recipient can create their Client Certificate.

After the recipient creates the Client Certificate, on the **Orders** page (**Certificates > Orders**), the certificate should be listed with the **Status** of **Issued**.

#### 12. CSR Note:

If you submitted a CSR, you do not receive an email with a link to create your Client Certificate. Instead, after the recipient validates their email address(es), they receive an email with the Client Certificate attached.

For instructions on how to install the Client Certificate, see (Windows) Importing Your Personal ID Certificate.

## 2 Generating Your Personal ID Certificate

After your administrator issues your Personal ID, you should receive a **Create Your DigiCert...Certificate** email. The email contains a link that takes you to the **Generate your DigiCert...Certificate** page, where you will generate your Personal ID Certificate.

Chrome Note: Chrome does not support Client Certificate generation. If you want to use

your Client Certificate with Chrome, we recommend generating it in

Internet Explorer (PC) or Safari (Mac).

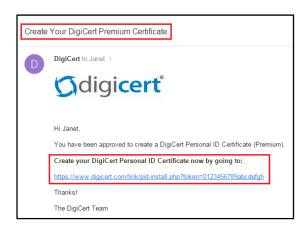
Microsoft Edge Note: Microsoft Edge does not support Client Certificates.

Make sure to note the browser used to generate your Personal ID Certificate; in case, you need to export it. For example, if you need your Personal ID for email signing and encryption, you will need to export your certificate and install it in your email client.

- Chrome Note: Chrome does not support Client Certificate generation. If you want to use your Client Certificate with Chrome, we recommend generating it in Internet Explorer or Safari (Mac).
- (Windows) Internet Explorer install the Personal ID Certificates in the Windows Certificate Store. Both Chrome and Internet Explorer can access it.
- (Mac) Safari install the Personal ID Certificates in the Mac Certificate Store. Both and Chrome and Safari can access it.
- Firefox installs the Personal ID Certificate in its own Certificate Store and only Firefox can access it (Windows or Mac).
- Microsoft Edge Note: Microsoft Edge does not support Client Certificates. If Microsoft Edge is your default browser, you must use Internet Explorer, Firefox, or Chrome to user your Client Certificate.

## 2.1 How to Generate Your Certificate Personal ID Certificate

1. Open the Create Your DigiCert Certificate email.



- 2. To open the **Generate your DigiCert...Certificate** page, do one of the following with the **Create your DigiCert Personal ID Certificate now by going to** link:
  - i. To open the page in your default browser, simply click the link in the email.
  - ii. To open the link in the browser of choice, copy and paste the link in the address field the browser.
- 3. On the Generate your DigiCert...Certificate page, do the following:
  - i. Verify that the name, email address, and organization are correct.
  - ii. Read through the Subscriber Agreement and then check I agree to the terms of the subscriber agreement.
  - iii. Finally, click Generate Certificate.



4. You should receive the "Your DigiCert Personal ID should now be installed messages".

Congratulations, you have successfully generated your Personal ID Certificate.



## 3 Managing Your Personal ID Certificate

## 3.1 (Windows) Exporting Your Personal ID Certificate

After you generate and install your Personal ID Certificate, you may need to export your certificate so you can install it in your email client, to transfer it to a new computer, to use a different browser to log into an account, etc.

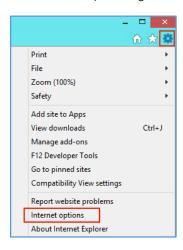
Internet Explorer: How to Export Your Personal ID Certificate

Google Chrome: How to Export Your Personal ID Certificate

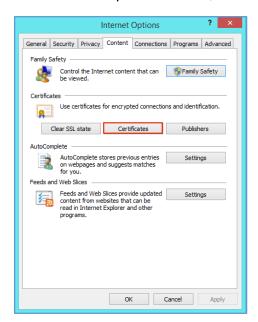
Firefox: How to Export Your Personal ID Certificate

## 3.1.1 Internet Explorer: How to Export Your Personal ID Certificate

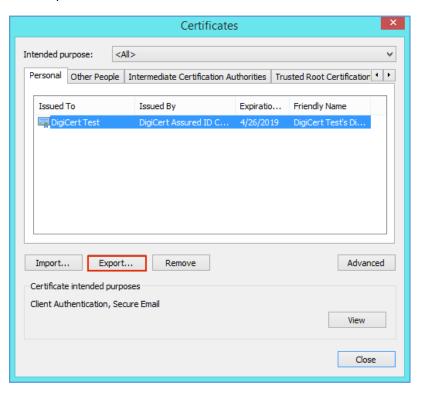
1. In Internet Explorer, go to Internet Options.



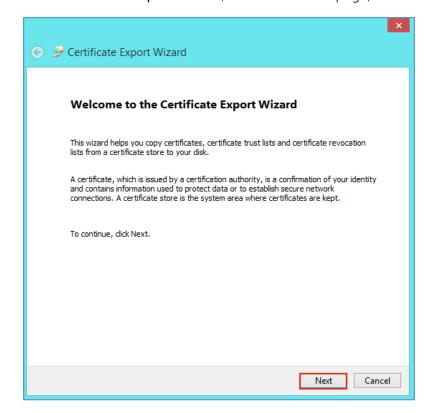
2. In the Internet Options window, on the Content tab, click Certificates.



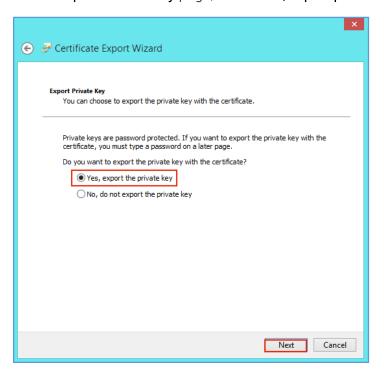
3. In the **Certificates** window, on the **Personal** tab, select your Personal ID Certificate and click **Export**.



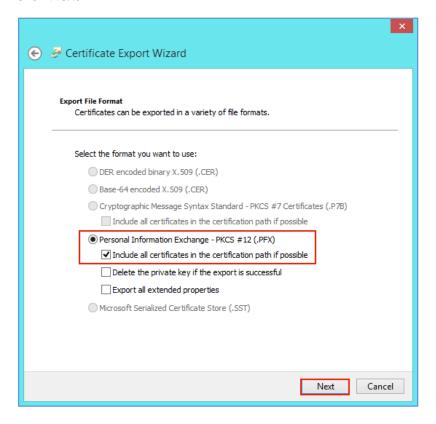
4. In the Certificate Export Wizard, on the Welcome page, click Next.



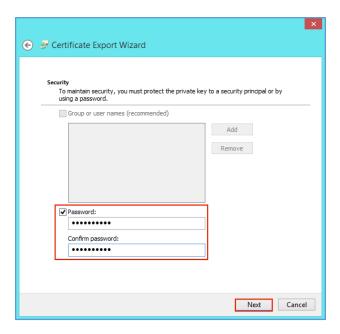
5. On the Export Private Key page, select Yes, export private key and then, click Next.



6. On the Export File Format page, select Personal Information Exchange – PKCS #12 (.PFX), check Include all certificates in the certification path if possible, and then, click Next.

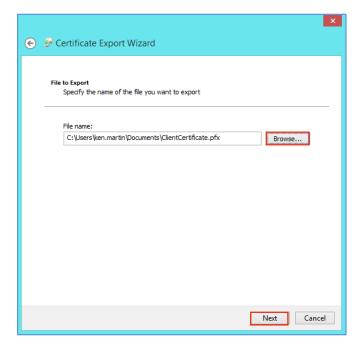


- 7. On the **Security** page, do the following: check **Password**.
  - i. Check Password.
  - ii. In the **Password** and **Confirm password** boxes, type your password.
  - iii. Click Next.

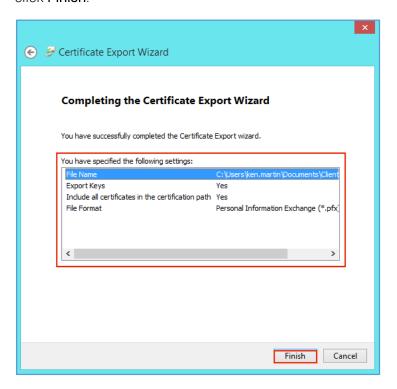


8. On the **File to Export** page, click **Browse**, locate where you want to save the Personal ID Certificate (w/private key) .pfx file, provide a file name (e.g., *myPersonalCert*), click **Save**, and then, click **Next**.

**Note:** Make sure to save the .pfx file in a location that you will remember.



9. On the **Completing the Certificate Export Wizard** page, review the settings and then, click **Finish**.

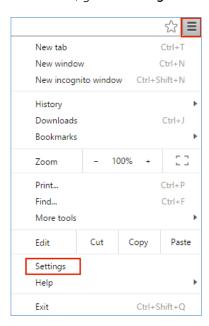


10. When you receive "The export was successful" message, click OK.

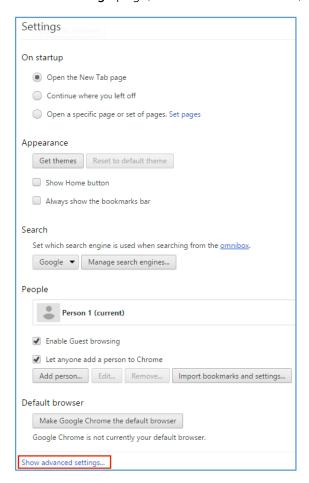
You have now exported your Personal ID Certificate w/private key as a .pfx file.

## 3.1.2 Google Chrome: How to Export Your Personal ID Certificate

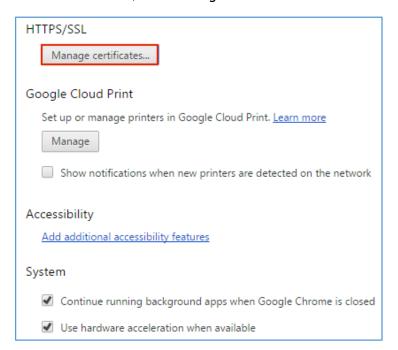
1. In Chrome, go to Settings.



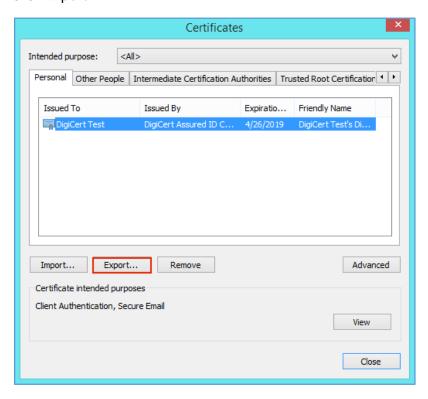
2. On the **Settings** page, below **Default browser**, click **Show advanced settings**.



3. Under HTTPS/SSL, click Manage certificates.



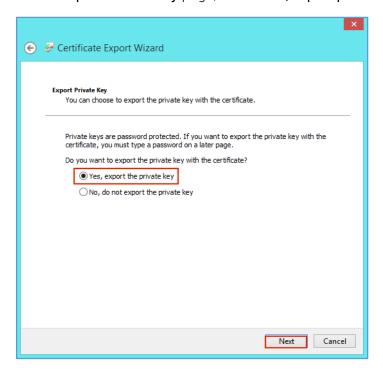
4. In the **Certificates** window, on the **Personal** tab, select your Personal ID Certificate and click **Export**.



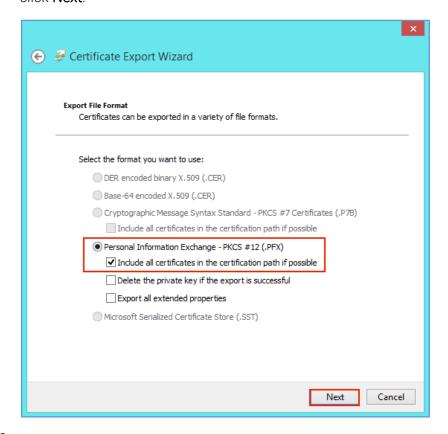
5. In the Certificate Export Wizard, on the Welcome page, click Next.



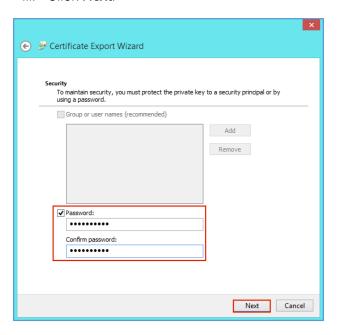
6. On the Export Private Key page, select Yes, export private key and then, click Next.



7. On the Export File Format page, select Personal Information Exchange – PKCS #12 (.PFX), check Include all certificates in the certification path if possible, and then, click Next.

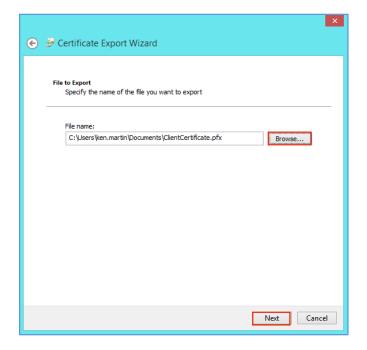


- 8. On the **Security** page, do the following: check **Password**.
  - i. Check Password.
  - ii. In the Password and Confirm password boxes, type your password.
  - iii. Click Next.



9. On the **File to Export** page, click **Browse**, locate where you want to save the Personal ID Certificate (w/private key) .pfx file, provide a file name (e.g., *myPersonalCert*), click **Save**, and then, click **Next**.

**Note:** Make sure to save the .pfx file in a location that you will remember.



10. On the **Completing the Certificate Export Wizard** page, review the settings and then, click **Finish**.

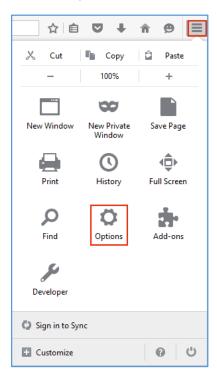


11. When you receive "The export was successful" message, click OK.

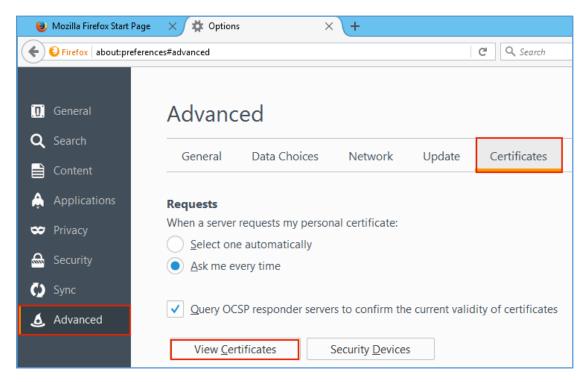
You have now exported your Personal ID Certificate w/private key as a .pfx file.

## 3.1.3 Firefox: How to Export Your Personal ID Certificate

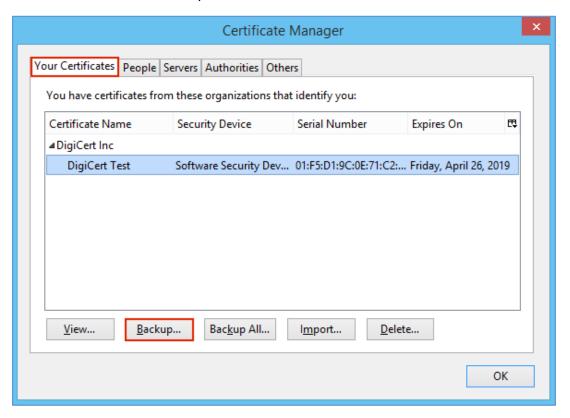
1. In Firefox, go to **Options**.



2. On the **Options** tab, in the sidebar menu, click **Advanced**, next, click the **Certificates** tab, and then, click **View Certificates**.

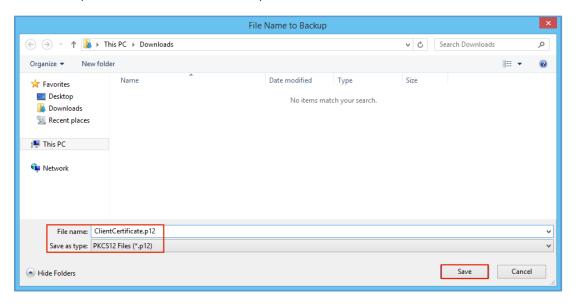


3. In the **Certificate Manage** window, on the **Your Certificates** tab, select your Personal ID Certificate and click **Backup**.



4. In the **File Name to Backup** window, go to where you want to save the Personal ID Certificate (w/private key) .p12 file, provide a file name (e.g., *myPersonalCertificate*), and then click **Save**.

**Note:** Make sure to save the .p12 file in a location that you will remember. A .p12 file uses the same format as a .pfx file. If you want, you can change the extension to .pfx and resave the file as a .pfx file if needed.



5. In the Choose a Certificate Backup Password window, create a Certificate backup password and then, click OK.



6. When you receive the "Successfully backed up your security certificate(s) and private key(s)" message, click OK.

You have now exported your Personal ID Certificate w/private key as a .p12 file.

## 3.2 (Windows) Importing Your Personal ID Certificate

If you transferred to a new computer, or you want to use a different browser to log into an account, you need to import your Personal ID Certificate into the appropriate Certificate Store.

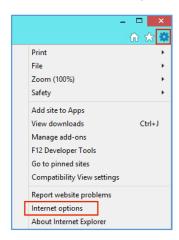
Internet Explorer: How to Import Your Personal ID Certificate

Google Chrome: How to Import Your Personal ID Certificate

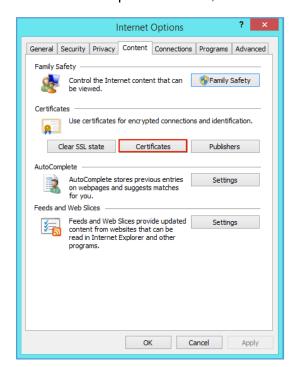
Mozilla Firefox: How to Import Your Personal ID Certificate

## 3.2.1 Internet Explorer: How to Import Your Personal ID Certificate

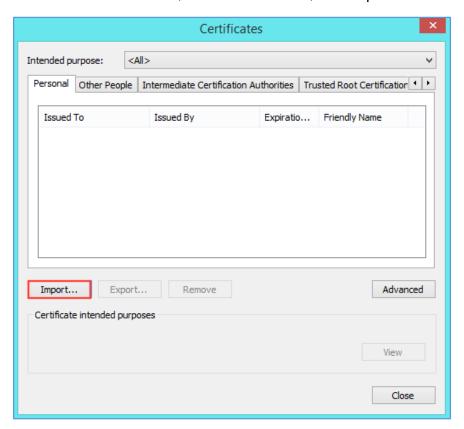
1. In Internet Explorer, go to Internet Options.



2. In the Internet Options window, on the Content tab, click Certificates.



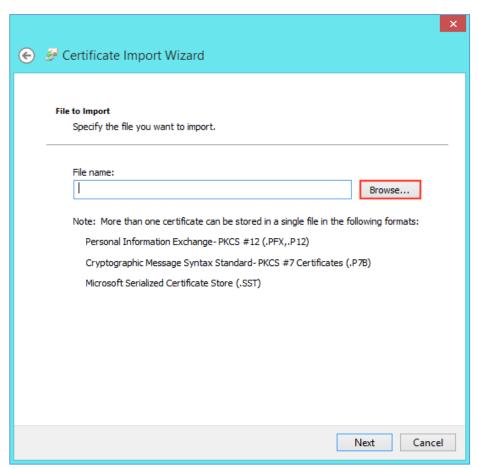
3. In the Certificates window, on the Personal tab, click Import.



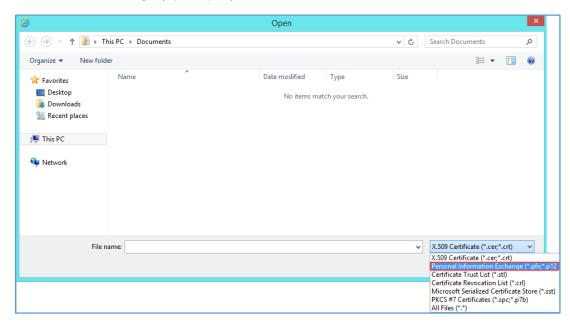
4. In the Certificate Import Wizard, on the Welcome page, click Next.



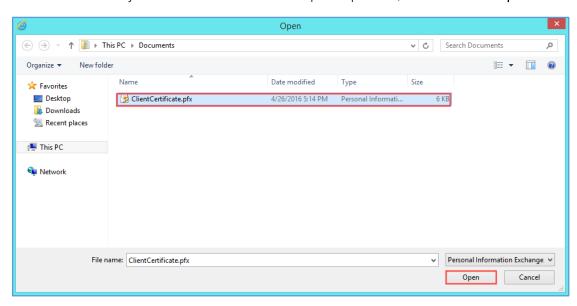
5. On the File to Import page, click Browse.



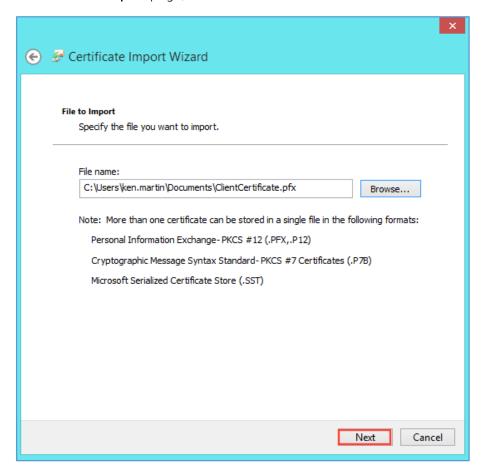
6. In the File Explorer **Open** window, in the file type drop-down list, select **Personal Information Exchange (\*.pfx;\*.p12)**.



7. Locate and select your Personal ID Certificate .pfx or.p12 file, and then click **Open**.

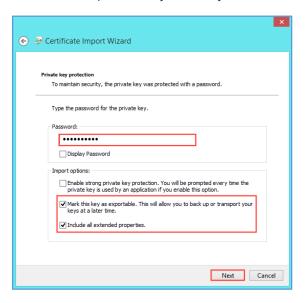


8. On the File to Import page, click Next.



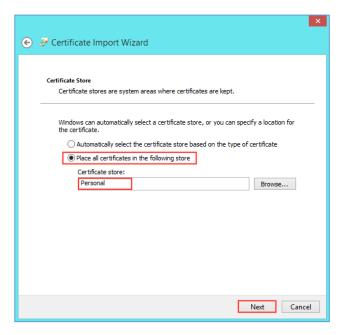
9. On the Private key protection page, check Mark this key as exportable and Include all extended properties.

The **Mark this key as exportable** option enables you to export your Personal ID Certificate w/private key should you need to in the future.



- 10. In the **Password** box, type the password that you created when you exported your Personal ID Certificate w/private key and then, click **Next**.
- 11. On the Certificate Store page, click Place all certificates in the following store, in the Certificate store box, select Personal for the store, and then, click Next.

We recommend that you use this option so that intermediate and root certificates in the .pfx or .p12 file are placed in the appropriate Certificate Store.



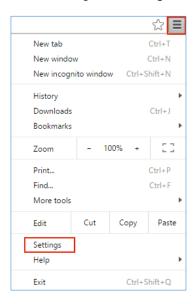
12. On the **Completing the Certificate Import Wizard** page, review the settings and then, click **Finish**.

13. When you receive "The import was successful" message, click OK.

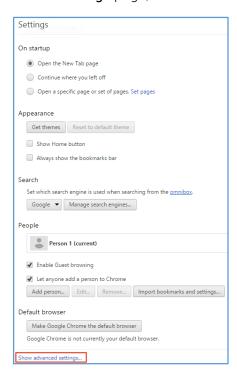
You have now imported your Personal ID Certificate w/private key in to the Windows Certificate store, and you can use Internet Explorer and Chrome to log in to your account(s).

## 3.2.2 Google Chrome: How to Import Your Personal ID Certificate

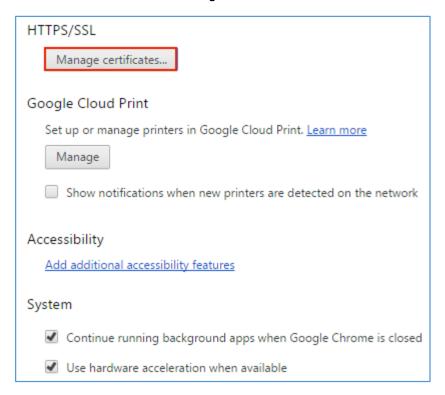
1. In Chrome, go to Settings.



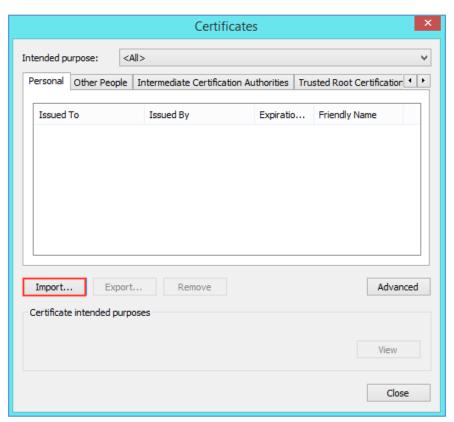
2. On the Settings page, below Default browser, click Show advanced settings.



3. Under HTTPS/SSL, click Manage certificates.



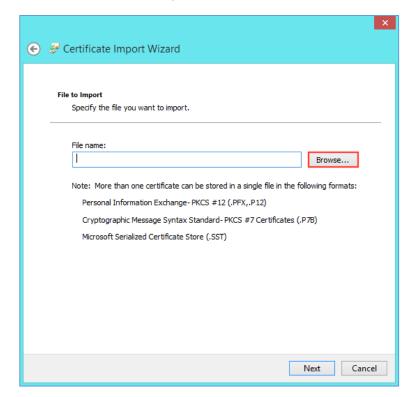
4. In the **Certificates** window, on the **Personal** tab, click **Import**.



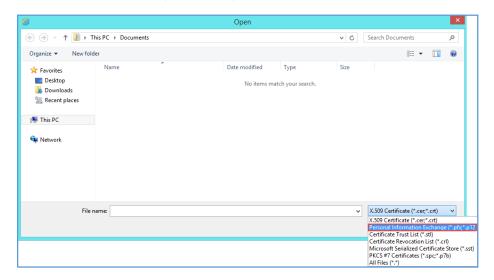
5. In the Certificate Import Wizard, on the Welcome page, click Next.



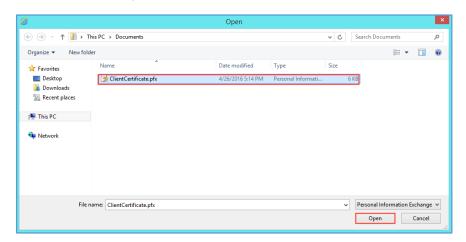
6. On the File to Import page, click Browse.



7. In the File Explorer **Open** window, in the file type drop-down list, select **Personal Information Exchange (\*.pfx;\*.p12)**.



8. Locate and select your Personal ID Certificate .pfx or .p12 file, and then click Open.



9. On the File to Import page, click Next.



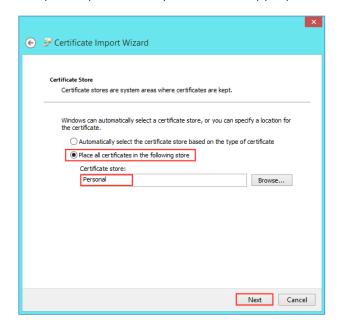
10. On the **Private key protection** page, check **Mark this key as exportable** and **Include all extended properties**.

The **Mark this key as exportable** option enables you to export your Personal ID Certificate w/private key should you need to in the future.



- 11. In the **Password** box, type the password that you created when you exported your Personal ID Certificate w/private key and then, click **Next**.
- 12. On the Certificate Store page, click Place all certificates in the following store, in the Certificate store box, select Personal for the store, and then, click Next.

We recommend that you use this option so that intermediate and root certificates in the .pfx or .p12 file are placed in the appropriate Certificate Store.

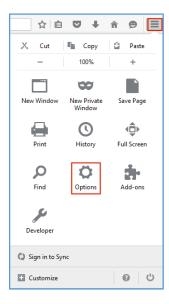


- 13. On the **Completing the Certificate Import Wizard** page, review the settings and then, click **Finish**.
- 14. When you receive "The import was successful" message, click OK.

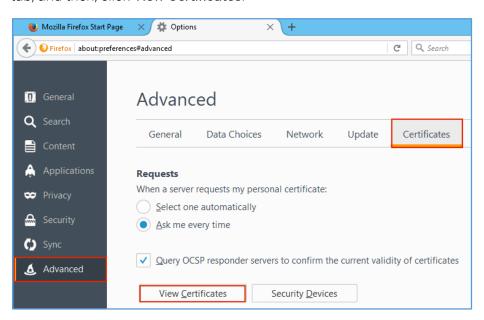
You have now imported your Personal ID Certificate w/private key in to the Windows Certificate store, and you can Chrome and use Internet Explorer to log in to your account(s).

## 3.2.3 Mozilla Firefox: How to Import Your Personal ID Certificate

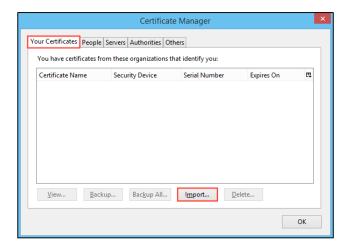
1. In Firefox, go to **Options**.



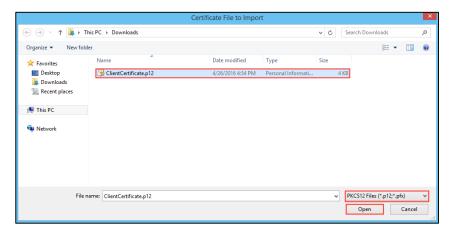
2. On the **Options** tab, in the sidebar menu, click **Advanced**, next, click the **Certificates** tab, and then, click **View Certificates**.



3. In the Certificate Manage window, on the Your Certificates tab, click Import.



4. In the Certificate File to Import window, in the file type drop-down list, select PKCS12 Files (\*.pfx;\*.p12).



- 5. Then, navigate to your Personal ID Certificate .pfx or .p12 file, and then click Open.
- 6. In the **Password Required** window, in the **Password** box, type the password that you created when you exported your Personal ID Certificate w/private key and then, click **OK**.



7. When you receive the "Successfully restored your security certificate(s) and private key(s)" message, click OK.

You have now imported your Personal ID Certificate w/private key in to the Firefox Certificate Store, and you can use Firefox to log into your account(s).

# 4 Configuring Outlook 2013 to Use Your Email Security Plus Personal ID Certificate

After you export your Personal ID Certificate, you can then configure Microsoft Outlook to use it to sign and encrypt emails.

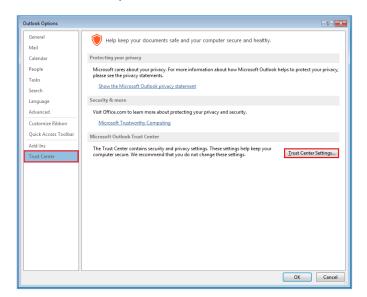
1. In Outlook 2013, click File.



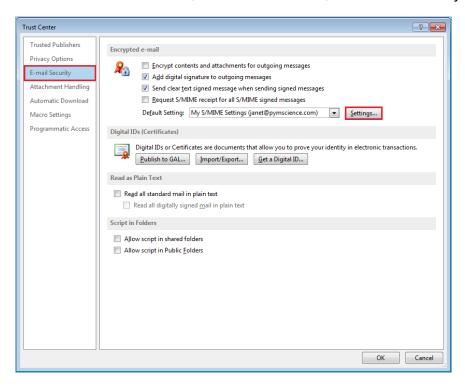
2. On the File page, in the sidebar menu, click Options.



3. In the Outlook Options window, in the sidebar menu, click Trust Center.



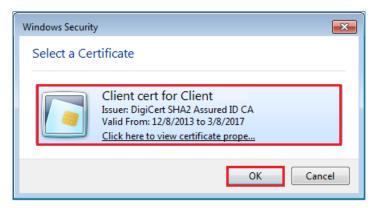
- 4. On the **Trust Center** page, in the **Microsoft Outlook Trust Center** section, click **Trust Center Settings**.
- 5. In the Trust Center window, in the sidebar menu, click E-mail Security.



- 6. On the E-mail Security page, in the Encrypted e-mail section, click Settings.
- 7. In the Change Security Settings window, for Signing Certificate, click Choose.



8. In the Windows Security window, select your Client Certificate (Personal ID) and click OK.



- 9. Next, in the Change Security Settings window, for Encryption Certificate, click Choose.
- 10. In the Windows Security window, select your Client Certificate (Personal ID) and click OK.
- 11. In the Change Security Settings window, click OK.

You have successfully configure Outlook 2013 to use your Personal ID Certificate for signing and encrypting your emails.

## **About DigiCert**

DigiCert is a premier provider of security solutions and certificate management tools. We have earned our reputation as the **security industry leader** by building innovative solutions for SSL Certificate management and emerging markets.

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