

Notes for Users

These notes provide additional information about using this product. Read the notes in conjunction with the accompanying manual.

Configuring SSL Encryption

This section describes how to configure SSL (secure sockets layer) encryption. Using SSL encryption, you can issue a server certificate to authorize use of the printer.

Self-Signed Certificates and Certificates Issued by a Certificate Authority

There are two types of server certificate: a self-signed certificate, which you simply install, and a certificate that is issued to you by a certificate authority after you apply for it, and that you then install.

Configuration flow (self-signed certificate)

- ① Creating and installing the server certificate
Using Web Image Monitor in Administrator mode, create the server certificate, and then install it.
- ② Enabling SSL
Enable the **[SSL/TLS]** setting to activate certification of the printer.
Using Web Image Monitor in Administrator mode, make the settings.

Configuration flow (certificate issued by a certificate authority)

- ① Creating the server certificate
Using Web Image Monitor in Administrator mode, create the server certificate.
The application procedure after creating the certificate depends on the certificate authority. Follow the procedure specified by the certificate authority.
- ② Installing the server certificate
Using Web Image Monitor in Administrator mode, install the server certificate.
- ③ Enabling SSL
Enable the **[SSL/TLS]** setting to activate certification of the printer.
Using Web Image Monitor in Administrator mode, make the settings.

Creating and Installing the Server Certificate (Self-Signed Certificate)

Using Web Image Monitor in Administrator mode, create the server certificate and install it.

This procedure is used for a self-signed certificate.

1 Open a Web browser.

2 Enter “http://(machine's-address)” in the address bar to access the printer.

3 Select Administrator mode.

 **Reference**

For details about selecting Administrator mode in Web Image Monitor, see “Access in Administrator Mode”, *Administrator Reference*.

4 Click [Configuration], click [Security], and then click [Certificates].

The [SSL Certificate] page appears.

5 Click [Create].

The [Certificate Information] page appears.

6 Make the necessary settings.

 **Reference**

For details about the displayed items and selectable items, see Web Image Monitor Help.

7 Click [OK].

The [SSL Certificate] page appears.

[Installed] appears under [Certificate Status] to show that a server certificate for the printer has been installed.

 **Note**

Click [Delete] to delete the server certificate from the machine.

Creating the Server Certificate (Certificate Issued by a Certificate Authority)

Using Web Image Monitor in Administrator mode, create the server certificate.

This procedure is used for a certificate issued by a certificate authority.

1 Open a Web browser.

2 Enter “http://(machine's-address)” in the address bar to access the printer.

3 Select Administrator mode.

 **Reference**

For details about selecting Administrator mode in Web Image Monitor, see “Access in Administrator Mode”, *Administrator Reference*.

4 Click **[Configuration]**, click **[Security]**, and then click **[Certificates]**.
The **[Certificate Information]** page appears.

5 Click **[Request]**.
The **[Certificate Information]** page appears.

6 Make the necessary settings.

 **Reference**

For details about the displayed items and selectable items, see Web Image Monitor Help.

7 Click **[OK]**.
The **[SSL Certificate]** page appears.

[Requesting] appears under **[Certificate Status]**.

 **Note**

Click **[Cancel Request]** to cancel the request for the server certificate.

8 Apply to the certificate authority for the server certificate.

The application procedure depends on the certificate authority. For details, contact the certificate authority.

When applying, use the data created with Web Image Monitor.

 **Note**

Using Web Image Monitor, you can create the contents of the server certificate but you cannot send the application.

Installing the Server Certificate (Certificate Issued by a Certificate Authority)

Using Web Image Monitor in Administrator mode, install the server certificate.

This procedure is used for a certificate issued by a certificate authority.

Enter the server certificate contents issued by the certificate authority.

1 Open a Web browser.

2 Enter “http://(machine's-address)/” in the address bar to access the printer.

3 Select Administrator mode.

 **Reference**

For details about selecting Administrator mode in Web Image Monitor, see “Access in Administrator Mode”, *Administrator Reference*.

4 Click **[Configuration]**, click **[Security]**, and then click **[Certificates]**.
The **[SSL Certificate]** page appears.

5 Click **[Install]**.

6 Enter the contents of the server certificate.

In the displayed field, enter the contents of the server certificate issued by the certificate authority.

 **Note**

Click **[Delete]** to delete the server certificate.

 **Reference**

For details about the displayed items and selectable items, see Web Image Monitor Help.

7 Click **[OK]**.

The **[SSL Certificate]** page appears.

[Installed] appears under **[Certificate Status]** to show that a server certificate for the printer has been installed.

Enabling SSL

After installing the server certificate in the printer, enable the SSL setting so that the user can certify the printer.

This procedure is used for a self-signed certificate or a certificate issued by a certificate authority.

Using Web Image Monitor in Administrator mode, make the settings.

1 Open a Web browser.

2 Enter "http://(machine's-address)/" in the address bar to access the printer.

3 Select Administrator mode.

 **Reference**

For details about selecting Administrator mode in Web Image Monitor, see "Access in Administrator Mode", *Administrator Reference*.

4 Click **[Configuration]**, click **[Security]**, and then click **[SSL/TLS]**.

The **[SSL/TLS Settings]** page appears.

5 Click **[Enable]** for **[SSL/TLS]**.

6 Click **[Apply]**.

The SSL setting is enabled.

 **Note**

When using SSL, enter "http://(machine's-address)/" to access the printer. For this to work, Internet Explorer 5.5 or later, or Netscape 7.0 or later must be installed on your computer.

Configuring SSL Encryption for the Client

This section describes how to configure the client after installing the server certificate in the printer and enabling the SSL (secure sockets layer) setting.

If a security alert dialog box appears when you access the printer using a Web browser or IPP, install the certificate in the client computer.

Installing the Certificate Using the Web Browser

Enter "http://(machine's-address)/" in the address bar to access the printer.

If a security alert dialog box appears, install the certificate.

As an example, this section describes procedures under Internet Explorer.



1 When the [Security Alert] dialog box appears, click [View Certificate].

The [Certificate] dialog box appears.

Check the contents of the certificate.

If there is a problem, such as the certificate having expired, contact the administrator.

2 On the [General] tab, click [Install Certificate...].

Certificate Import Wizard starts.

3 Install the certificate by following the Certificate Import Wizard instructions.

Note

- For details about how to install the certificate, see the Web browser Help.
- If a certificate issued by a certificate authority is installed in the printer, confirm the certificate store location with the certificate authority.

Installing the Certificate Using SmartDeviceMonitor for Client

If the **[Security Alert]** dialog box appears when accessing the printer using IPP to create or configure an IPP port, or when printing, install the certificate.



Important

- To select the certificate store location when using Certificate Import Wizard, click **[Place all certificates in the following store]**, and then click **[Local Computer]** under **[Trusted Root Certification Authorities]**.
- Internet Explorer must be installed on your computer. Use the latest version. Internet Explorer 6.0 or later is recommended.

1 When **[Security Alert]** appears, click **[View Certificate]**.

The **[Certificate]** dialog box appears.

2 On the **[General]** tab, click **[Install Certificate...]**.

Certificate Import Wizard starts.

3 Click **[Place all certificates in the following store]**, and then click **[Browse...]**.

The **[Select certificate store]** dialog box appears.

4 Click **[Next]**.

5 Select the **[Show physical stores]** check box, and then click **[Local Computer]** under **[Trusted Root Certification Authorities]**.

6 Click **[OK]**.

The certificate store location appears under **[Certificate store:]**.

7 Click **[Next]**.

8 Click **[Finish]**.

9 Click **[OK]**.

The certificate is installed.

Note

- When you create or change an IPP port using SmartDeviceMonitor for Client, enter "http://(machine's-address)/ printer" in **[Printer URL]** to access the printer.