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How to enable SSL

Published 06/20/2006 05:58 AM | Updated 12/22/2017 01:00 PM | Answer ID 14477

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How do I enable SSL?

Follow these steps

1. Open a web browser, and then enter `http://(device's-address)/` in the address bar to access your device.

2. Log onto the device.

3. Enter the administrator user name and login password.

4. Click **[Configuration]**.

5. Click **[SSL/TLS]** under **Security** settings.

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

6. Click **[Enable]** or **[Active]** for **SSL/TLS**.
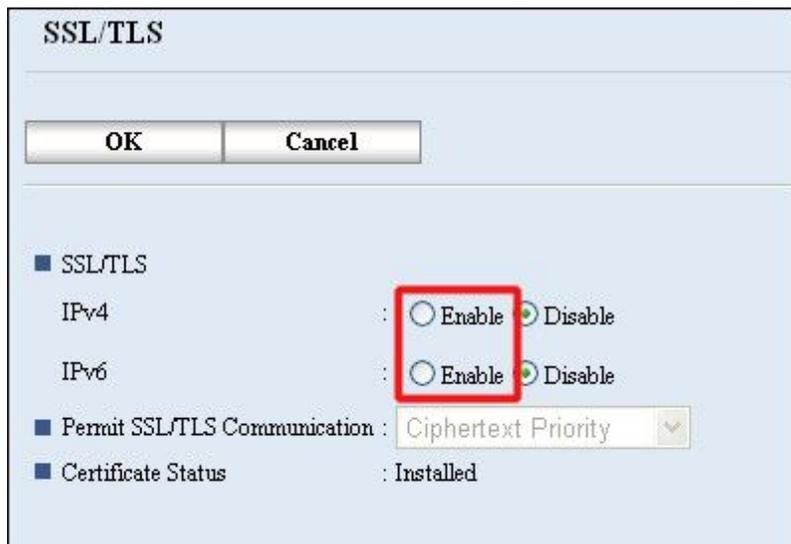
7. Click **[OK]**.

   The SSL setting is enabled.

8. Log off from the device.

Note:

- If you set **[Permit SSL/TLS Communication]** to **[Ciphertext Only]**, enter
  `https://(device's address)/` to access your device.

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

- If a server certificate has not been installed in your device, the SSL/TLS feature is not
  available.

To install the server certificate in your device, follow these steps:

1. Open a Web Image Monitor.

2. Enter **http://(address-of-device)/** in the address bar to access the printer.

3. Log onto the device.

   The network administrator can log on.

   Enter the login user name and login password.

4. Click **[Configuration]**, and then, under **[Security]**, click **[Device Certificate]**.

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

5. Click **[Request]**.

6. Make the necessary settings.

7. Click **[OK]**.

   [Requesting] appears for **[Certificate Status]** in the Certificates area.

8. Log off from the device.

9. Apply to the certificate authority for the server certificate.

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

   For the application, click the Web Image Monitor Details icon and use the information that appears in Certificate Details.

   Note:

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

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

About SSL

SSL is a cryptographic protocol that can be used to establish encrypted communication when using Web Image Monitor, IPP, SmartDeviceMonitor for Admin, or similar applications.

To protect data from interception, analysis, and tampering, you can install a server certificate in the device, negotiate a secure connection, and encrypt transmitted data.

How communication works with SSL
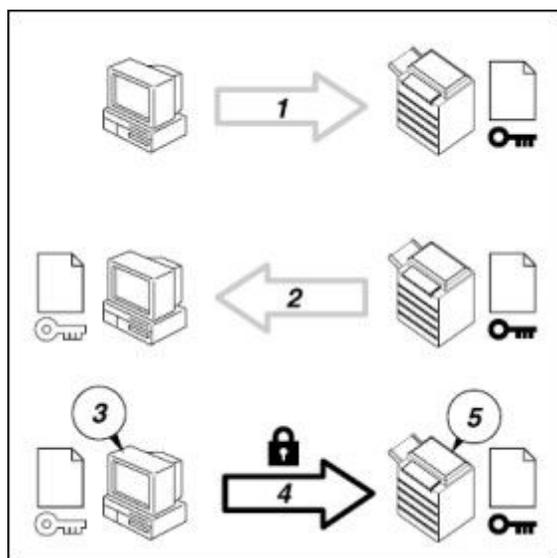
1. User's computer requests SSL server certificate and public key from device.

2. Device sends SSL server certificate and public key to user's computer.

3. User's computer encrypts data for transmission, using public key.

4. User's computer transmits encrypted data to device.

5. Device decrypts data, using private key.

Note:

- To establish encrypted communication using SSL, the device must have the printer and scanner functions.