

# снарте 2

# Installation

This chapter explains how to install the Device Manager software, and contains the following topics:

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#### **Required Expertise**

This guide is intended for Field Technicians who have experience with Cisco CGR 1000s.

### **System Requirements**

The Device Manager has the following system requirements:

- Microsoft Windows 7 Enterprise / Professional or Windows XP (with Service Pack 3)
- 2 GHz or faster processor recommended
- 1 GB RAM minimum (for potential large log file processing)
- WiFi or Ethernet interfaces
- 4 GB disk storage space
- Windows login enabled
- Utility-signed Certificate Authority (CA) and Client Certificate for router authentication (obtained from your IT department)

## **Certificate Installation**

Before you can install the Device Manager, you must install the client identity and CA certificates in the computer.

Follow these steps to install the certificate on the computer running the Device Manager:

- **Step 1** Contact your IT Department for the PKCS #12 formatted certificate, which should contain the client identity and CA certificates (along with the private key and its password to import the certificates onto the laptop).
- **Step 2** Copy the certificate (provided by your IT Department) to your computer, for example, on the Desktop.
- **Step 3** Double-click the certificate to open the Installation Wizard.
- **Step 4** Click **Next** to start the installation.



**Step 5** The file name of the certificate file auto-populates. Click **Next**.

file to Import	
Specify the file you want t	o import.
File name:	
C:\Users\CEN8U-Doc\Des	ktop\CGDM.pfx Browse
Note: More than one cert	ficate can be stored in a single file in the following formats:
Personal Information Ex	xchange-PKCS #12 (.PFX,.P12)
Cryptographic Message	Syntax Standard- PKCS #7 Certificates (.P78)
Microsoft Serialized Cer	tificate Store (.SST)
earn more about certificate fik	e formats
	< Back Next > Cance

**Step 6** Enter the password, and ensure that the only selected check box is the Include all extended properties option (default setting). Click **Next**.

Certificate Import Wizard
Password
To maintain security, the private key was protected with a password.
Type the password for the private key.
Password:
•••••
<ul> <li>Enable strong private key protection. You will be prompted every time the private key is used by an application if you enable this option.</li> <li>Mark this key as exportable. This will allow you to back up or transport your keys at a later time.</li> </ul>
☑ Include all extended properties.
Learn more about protecting private keys
<back next=""> Cancel</back>

I

**Step 7** Keep the default setting of Automatically select the certificate store based on the type of certificate, and then click **Next**.

ertificate Store	25 Alberton Marchael
Certificate stores are system area	s where certificates are kept.
Windows can automatically select a the certificate.	a certificate store, or you can specify a location for
Automatically select the cert	tificate store based on the type of certificate
Place all certificates in the formation of the second s	allowing store
Certificate store:	
	Browse
earn more about certificate stores	

#### Step 8 Click Finish.

<u> -</u>	Completing t Wizard The certificate will be You have specified t	the Certificate Import
-	Certificate Store S Content File Name	PEX C:\Users\CENBU-Doc\Desk
	•	
	<	Back Finish Can

Step 9Click OK to complete installation of the certificate.The default certificate name is ConnGridDevMgr.

0	The import was successful.
	ОК

Follow these steps to verify the client certificate (optional):

**Step 1** (Optional) Verify the client certificate in the Internet Explorer browser:

IE browser\Tools\Internet Options\Content\Certificates\Personal

**Step 2** (Optional) Verify the CA certificate in the Internet Explorer browser:

IE browser \Tools<br/>\Internet Options \Content \Certificates<br/>\Trusted Root Certification Authorities

**Step 3** (Optional) Delete the C:\ProgramData\Cisco\CGDManager folder. Run the Device Manager to automatically generate this folder, and then quit the Device Manager without any actions (to clean up any previous settings).



The program data directory for the Device Manager is hidden, by default. To view this directory, open an Explorer window, select Folder Options from the Tools menu, and then select the View tab. Select Show hidden files and folders, and then click **OK**.

# **Device Manager Installation**

Follow these steps to install the Device Manager:

- **Step 1** Double-click CGDManager executable to start installation.
- Step 2 Click Next.



Step 3 Select the check box to accept the terms of the License Agreement, and then click Next.

End-User License Agreement Please read the following license agreement carefully		
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	*	
✓ I accept the terms in the License Agreement		

**Step 4** Click **Finish** to exit the Setup Wizard and launch the Device Manager.

👷 Connected Grid Devi	e Manager Setup
	Completed the Connected Grid Device Manager Setup Wizard
	Click the Finish button to exit the Setup Wizard.
	ahaha
TT	CISCO
Launch Application wh	n setup exits back Hitish Cance

If a valid Certificate Common Name is not found in the registry, then Device Manager will launch the Settings page instead. By default, the Certificate Common Name is *ConnGridDevMgr*. You only need to enter a value in the Settings page, if the Certificate Common Name of the certificate file differs from that assigned by default.

#### **Device Manager Removal**

To remove the Device Manager application, click **Start > All Programs > Cisco CGD Manager > Uninstall Cisco CGD Manager**, or use Add or Remove Programs from the Control Panel.

