



Release Notes for Cisco Connected Grid Device Manager, Version 1.0.1

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Cisco 1000 Series Connected Grid Routers (Cisco CG-OS routers) are multi-service communications platforms designed for use in field area networks. The portfolio consists of two models - both ruggedized to varying degrees for outdoor and indoor deployments. Both models are modular and support a wide-range of communications interfaces such as WiMax, 2G/3G, Ethernet, and WiFi.

The Cisco Connected Grid Device Manager (Device Manager) is a Windows-based application that field technicians can use to manage the Cisco CG-OS Router remotely. The Device Manager connects to the Cisco CG-OS Router by using a secure Ethernet or WiFi link.

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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)

Hardware Supported

Cisco 1240 Connected Grid Router

Installation Notes

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

To install the certificate on the computer running the Device Manager:

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- 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** Browse to the location of the certificate file, and then click **Next**.
- Step 6** Enter the password, unmark the 'Enable strong private key protection', mark 'Include all extended properties', and then click **Next**.
- Step 7** Keep the default setting 'Automatically select the certificate store based on the type of certificate,' and then click **Next**.
- Step 8** Click **Finish**.
- Step 9** Click **OK** to complete installation of the certificate.
- Step 10** Open the Windows Registry using `regedit` and search for the following registry entry:
`Computer\HKEY_CURRENT_USER\Software\Cisco\CGDManager\Cgdm`
- Step 11** Edit the `CERT_COMMON_NAME` to match the common name of the certificate from step 1 (above).

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Note Specify the CA_COMMON_NAME field or leave it as --AutoDetect--.

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\Internet Options\Content\Certificates\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).



Note 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**.

Caveats

Open Caveats

- **CSCty19932**

Symptom: Entering the command-line interface (CLI) install all command fails to install the required software for the Connected Grid WPAN module. The same issue occurs when entering the install all command from CG Device Manager.

Conditions: This issue might occur in some cases when the software image is downloaded using CG NMS software.

Workaround: Do not download the software image with CG NMS software. Use another file transfer method.

- **CSCtx30607**

Symptom: The CGR 1000 sends a COLD_BOOT Call Home notification (indicating possible power outage on the router) when it should send a WARM_BOOT notification.

Conditions: This issue might occur in some cases when the Call Home feature is configured on the router, and the system software is restarted with the command-line interface (CLI) or with the CG Device Manager software.

Workaround: There is no workaround for this issue.

- **CSCty46601**

Symptom: The output of the show install all status command is incomplete.

Conditions: This issue occurs when you enter the show install all status command.

Workaround: There is no workaround for this issue.

- **CSCty59604**

Symptom: The SSID passphrase is displayed in clear text in the Connected Grid Device Manager Connection screen.

Conditions: This issue occurs under all conditions.

Workaround: There is no workaround for this issue.

- **CSCtz79170**

Symptom: When using CG Device Manager (CGDM) 1.0 to upgrade Cisco CG-OS on the CGR 1000, the RFLAN software does not update.

Conditions: This issue occurs when using CG DM to upgrade CG-OS releases 5.2(1)CG1(3c) or earlier.

Workaround: Use the CG-OS **install all** command over an SSH or console session with the CGR 1000.

Resolved Caveats

There are no resolved caveats in this release.

Related Documentation

See all support documentation for Cisco 1000 Series Connected Grid Routers at:

www.cisco.com/go/cgr1000-docs

See all support documentation for Cisco Connected Grid Modules at:

www.cisco.com/go/cg-modules

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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