NETGEAR®

Netgear Software Release Notice

Applicable Models:

GSM7224-200,GSM7248-200

Release 8.0.1.36 Firmware

New features from release 8.0.1.26

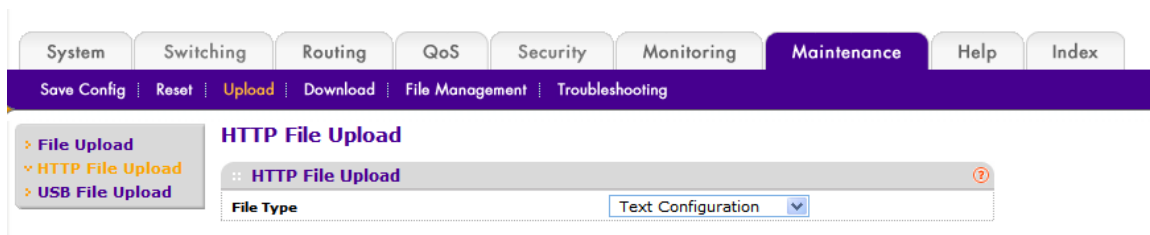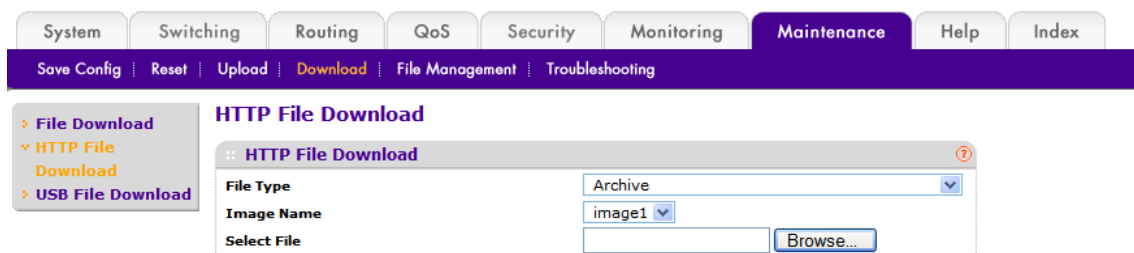| Name	Description
1	The Product Registration feature is supported. It will guide user to register Netgear switch when user login the switch through GUI first time.

Fixed bugs from release 8.0.1.26

Name	Description
1	The user's MAC is not added into vlan assigned by radius when "dot1x port-control mac-based" enable
2	Somehow during boot up, GSM7248v2 reports TFFTS error on the console
3	FAN Failure message are shown in GSM7224v2.
4	Device hangs during the second SSH connection to GSM7224v2.
5	CPU is very busy when it is idle
6	'monitor session 1 source interface cpu' doesn't work on GSM7224v2
7	GUI: fail to download config file through HTTP on GSM72xxv2
8	GSM7248v2 shows Error when enabling 802.1x through GUI

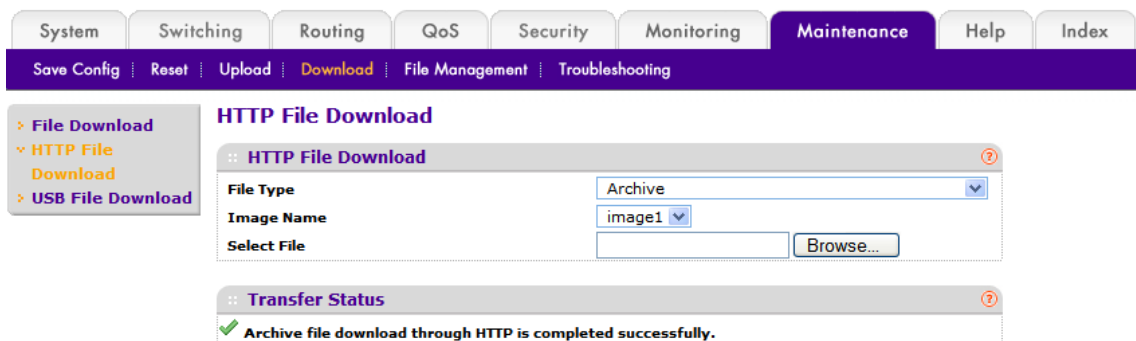## Upgrade Procedure

1. **Save the current configuration data.** Normally the firmware will preserve the original configuration in the switch, however, just in case something went wrong during the upgrade, you may want o save a copy of current running configuration. To do so, go to 'Maintenance->Upload' page, and select Text Configuration option and click Apply button to save the configuration file.

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Save Config | Reset | Upload | Download | File Management | Troubleshooting

> File Upload
˅ HTTP File Upload
> USB File Upload

HTTP File Upload

:: HTTP File Upload   ⑦

File Type   Text Configuration ▼

2. Download the new firmware from the Netgear product support page and store it in a PC. And remember its location in the PC's file system.

3. There are two ways to download the new firmware from PC to the switch. One is using TFTP which requires a TFTP server be installed on the PC where the firmware is stored from step #2. The second method is to use web browser for downloading which requires of no TFTP server. If you preferred to use TFTP method, or you're using telnet session to perform firmware upgrade, continue to step #5.

4. To use HTTP method, go to the following web GUI page, and select the location of the new firmware via browse button, then click Apply button to start firmware upgrade. The upgrade will take about 12 minutes. Do not power cycle the switch before the process is complete.

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Save Config | Reset | Upload | Download | File Management | Troubleshooting

> File Download
˅ HTTP File Download
> USB File Download

HTTP File Download

:: HTTP File Download   ⑦

File Type   Archive ▼
Image Name   image1 ▼
Select File   [   ] Browse...

After the Apply button is clicked, the file transfer will start, and followed by writing the new image to the Flash memory. Do not power cycle or reboot the switch before the process is complete and the success message show up as below.

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Save Config | Reset | Upload | Download | File Management | Troubleshooting

> File Download
˅ HTTP File Download
> USB File Download

HTTP File Download

:: HTTP File Download   ⑦

File Type   Archive ▼
Image Name   image1 ▼
Select File   [   ] Browse...

:: Transfer Status   ⑦

✓ Archive file download through HTTP is completed successfully.

After the successful completion the upgrade, proceed to step #8 to restart the switch.

5. Start a TFTP server on the PC where the new images are stored. If you do not have a TFTP server, you may want to try the following public domain TFTP servers:

PumpKIN - http://kin.klever.net/pumpkin/

6. You can use either web interface or CLI interface to perform upgrade using TFTP. To use web interface, just go to file utility page on the web and follow the screen instruction to complete the firmware upgrade. To use CLI, either telnet into the switch or use console port and follow these steps below.

7. On the switch console, type the following command:

   a. **# copy tftp://<tftp server IP address><image name> system:image**
   b. It will ask for confirm with input data displayed. Hit enter if all parameters look correct.
   c. The download should take a minute or two, after that, the code will be checked for possible corruption, if not, it will report firmware successfully upgraded.
   d. Reboot the switch by typing "**reload**" command or power cycle the switch.

8. To use GUI to restart the switch, go to web page 'Maintenance->Reset' page, Device Reboot table.
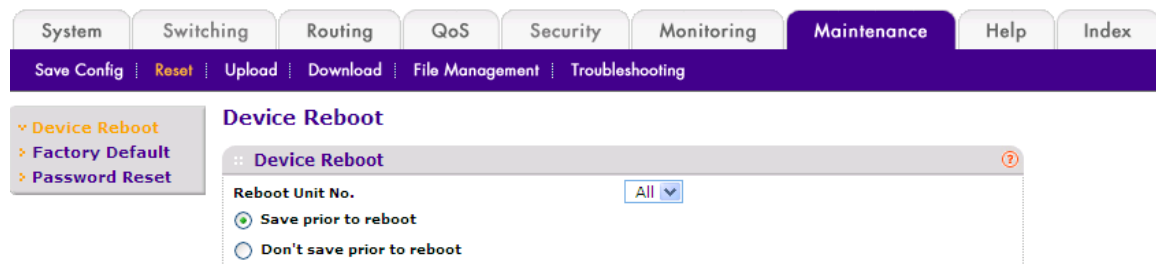
Make sure that "All" is selected in 'Reboot Unit No' drop down menu box. If it is shown with some other value like '1', then only unit 1 in the stack will be rebooted, and this may result in stack failure after the stack is rebooted. You may select 'Save prior to reboot' option if you feel there are changes that may not have being saved. Click 'APPLY' button to start the reboot process.

9. After the switch is restarted, type the following CLI command to verify the version is correct.

   a. **# show hardware**

   Or go to GUI System main page to confirm the switch firmware is the one downloaded.

10. Verify the switch running configuration by issuing "show running-config change" command. The output should match the configuration file saved on step #1. If there are not, please call Netgear customer support on discrepancy. And manually reapply the missing configuration commands back to the switch.

11. You can now make additional configuration change for another other application need. And be sure to use "**save**" command to save the configuration after you're done.