Introduction

This document describes the upgrade procedure for GS716T2 and GS724Tv3 from 4.2.x firmware to 5.0.2.x firmware.

Upgrade from 4.2.x to 5.0.2.x for GS716Tv2 and GS724Tv3

The below are the different supported use cases for Upgrading from the 4.2.x to the 5.0.2.x releases.

Note that it is very important that the Power to Switch should always be ON during this upgrade process. Otherwise the box will fail to boot and need to be RMA.

Upgrading via the SmartWizard Tool

This is the recommended approach for upgrading to the 5.0.2.x release.

1. Discover the Switch (GS716T/GS724T) based on 4.2.x to be upgraded by clicking the "Discover" button on the SmartWizard Tool
1. Select the Device to be upgraded
2. Click the "Firmware Upgrade" Button
3. Browse the 5.0.2.x image to be downloaded to the switch
4. Enter the Password
5. Click the "Apply" button
6. Click the "Start Upgrade" button
7. The switch reboots automatically and upgrades to the 5.0.2.x downloaded image after automatically upgrading the Boot code
8. Install the new SCC 1.1 tool. This tool is required to manage the switches running 5.0.2.x firmware.

Upgrading via the TFTP

Using SmartWizard

1. Discover the Switch (GS716T/GS724T) based on 4.2.x to be upgraded by clicking the
2. "Discover" button on the SmartWizard Tool
3. Select the Device to be upgraded
4. Click the "Web access" button to open the Web browser access to the Switch

Direct access

1. Access the switch management interface using web browser

Then follow the following steps

1. Enter the Password to login
2. Click "Maintenance" Tab, "Download" selection and then the "TFTP File Download link
3. Select the Image (Image1 or Image2) to be upgraded, enter the IP address of the TFTP Server and File name to point to the 5.0.2.x image to be upgraded
4. Check the "Start File Transfer" option
5. Click the "Apply" button and wait for the download to complete.

6. Click the “File Management” tool bar and “Dual image status” to ensure that the selected image in the above Step 5 is selected as the next-active image. If not, select the correct image by selecting the “Dual image configuration” link.
7. Click the “Reset” toolbar, “Device Reboot” Check box and then the “Apply” button to reboot the switch to the upgraded image.
8. The switch reboots and upgrades to the 5.0.2.x downloaded image after automatically upgrading the Boot code
9. Install the new SCC 1.1 tool. This tool is required to manage the switches running 5.0.2.x firmware.

Upgrading via the HTTP

Using SmartWizard

1. Discover the Switch (GS716T/GS724T) based on 4.2.x to be upgraded by clicking the “Discover” button on the SmartWizard Tool
2. Select the Device to be upgraded
3. Click the “Web access” button to open the Web browser access to the Switch

Direct access

1. Access the switch management interface using web browser

Then follow the following steps

2. Enter the Password to login
3. Click “Maintenance” Tab, “Download” selection and then the “HTTP File Download” link
4. Select the Image (Image1 or Image2) to be upgraded
5. Browse to the 5.0.2.x image location on the PC to be upgraded
6. Click the “Apply” button and wait for the download to complete.
7. Click the “File Management” and “Dual image status” to ensure that the selected image in the above Step 6 is selected as the next-active image. If not, configure the correct image by selecting the “Dual image configuration” link.
8. Click the Reset, “Device Reboot” Check box and then the “Apply” button to reboot the switch to the upgraded image.
9. The switch reboots and upgrades to the 5.0.2.x downloaded image after automatically upgrading the Boot code
10. Install the new SCC 1.1 tool. This tool is required to manage the switches running 5.0.2.x firmware.

It is required that the user download both the images Image1/image2 to this latest 5.2.0.x either via SCC 1.1 Tool or TFTP or HTTP after a successful upgrade of one image.

Limitation

The Image file Uploaded would not be valid after the successful upgrades of an initial image (either via SmartWizard/TFTP/HTTP) unless the Switch is rebooted once. However, if both the images (image1/image2) are upgraded, this limitation would not hold good as there will be a reboot needed after the download of the second image.