

## GS724TP and GS748TP Firmware Release

FW Version V5.2.0.5

### New Feature and Changes:

1. Add product registration feature.
2. Add an option to disable or enable hidden telnet port for remote diagnostic.

### Bug Fixes

1. Fixed the problem that when one of fiber ports is link up, following error message will pop up after clicking the Troubleshooting tab: "Error occurred in BaseTable.prototype.buidXmlTable\*\*undefined is null or not an object."
2. Fixed a problem with LLDP-MED: Switch stops sending LLDP packets with TLV of network policy when more than 30 VoIP phones are connected to it.
3. Fixed an issue that LLDP packets are sent without TLV of network policy after binding and unbinding 2 policies with the same application several times.

### Warning:

- Please make sure your device is running with firmware version V3.0.6.1 or later before upgrading to V5.0.0.15. If your device is running with FW version older than V3.0.6.1, please upgrade it to V3.0.6.1 first.
- If your device is running with V1.x.x.x firmware, please refer to the upgrade instruction for V3.0.6.1.
- Once you have upgraded the device firmware from v3.0.6.1 to v5.1.0.2, it is not guaranteed that all configuration settings will be retained if for certain reason you need to downgrade the firmware to v3.0.6.1 and then back to v5.1.0.2 again,

### Limitations:

1. Although Management VLAN can now be changed from VLAN 1 to any other valid VLAN, egress packets still cannot be tagged with VLAN ID of 1.
2. For troubleshooting (*Maintenance > Troubleshooting*), the switch supports "Cable Test" & "Remote Diagnostics" but not "Ping" & "Traceroute".

### Known Issues:

1. When configuring IP ACL rule, system does not reject source address to be multicast address and accepts 0.0.0.0 masking.

**Workaround:** None. It will be fixed in the next maintenance release.

2. When specify IPv6 ACL rule, the permit all (permit any any) rule would only forward the packet with IP header. As a result, the implicit “deny all” rule will drop all non-IP packets like ARP.

**Workaround:** Use MAC ACL rule that permits all (permit any any) in conjunction with IPv6 ACL.

## Upgrading

Note: If Window system does have proper XML service pack installed, the browser might not be able to display GUI configuration page. In all of the cases we have seen, error message is displayed after entering the login password. To resolve this issue , please download and install MSXML 4.0 Service Pack 2 from:

<http://www.microsoft.com/downloads/details.aspx?familyid=3144b72b-b4f2-46da-b4b6-c5d7485f2b42&displaylang=en>

- If the boot code of the switch is older than version 1.0.0.5, the boot code of the switch must be updated first.
  - **To update boot code:**
    - If the switch has firmware version 1.x, log into the switch’s GUI, go to **Firmware > File Management > File Download**. Follow the instructions to download boot code version version 1.0.0.5 to the switch.
    - If your switch has firmware version 2.x, log into the switch’s GUI, go to **Maintenance > Download**. Follow the instructions to download boot code version 1.0.0.5 to the switch.

After download completed, reboot the switch. When the switch booted up, verify from the GUI the switch’s boot version has been upgraded to v1.0.0.5 before proceeding any further.

- If the switch has firmware version 1.x, the switch must be upgraded to the interim image (**GS700TP\_V1.0.0.inter.ros**) first. Then, perform the upgrade again from the interim image to V3.0.6.1.
- The procedure for upgrading the device to the interim image is the same as the regular firmware upgrade. It can be downloaded to the switch by using the GUI via a TFTP server or by using Smartwizard Discovery utility.

Refer to the user manual for firmware upgrade instruction using the switch's GUI.

#### **To use Smartwizard Discovery Utility to upgrade:**

1. Start **Smartwizard Discovery Utility**, (included on the CD coming with your Smart Switch). If it is not installed, do so now, before continuing.
2. In Smartwizard Discovery window, click **Discover** to find your Smart Switch. The switch will be listed in the device list table once found.
3. Highlight the Smart Switch to upgrade and click **Firmware Upgrade**.
4. Browse to the location where the firmware image is stored. Enter the administrator password and click Apply. Click Start Upgrade to start the upgrade process. Follow the screen prompts to complete the upgrade. Smartwizard Discovery will report a successful completion at the end.

#### **Downgrading from version 3.x.x.x to an older firmware version**

1. It is imperative that you perform the **downgrade twice** using the same version of FW. Otherwise, the switch will be inoperable if you upgrade it again to the interim image.