



## Firmware for TN-G4500 Series Release Notes

<b>Version: v5.5</b>	<b>Build: N/A</b>
<b>Release Date: Dec 11, 2024</b>	

### Applicable Products

N/A

### Supported Operating Systems

N/A

### New Features

- Added support for Dynamic Ring Coupling with Turbo Ring V2 over trunk ports.
- Added support for SSH Diffie-Hellman-Group14-SHA256.
- Added support for SSH HMAC-SHA2-256 and HMAC-SHA2-512.

### Enhancements

- Upgraded JQuery to v3.7.0.

### Bugs Fixed

- The DUT sends out non-authoritative DNS responses.
- When using SNMP to configure the coupling port numbers with the same value as the current configuration, the port number will be set to Wrong Value.
- Enabling or disabling Ring Coupling causes the DUT to temporarily drop packets even though the Turbo Ring V2 configuration was not modified.
- Importing configuration files through TFTP using DHCP Option 66 and Option 67 fails.
- CVE-2022-4304, CVE-2023-0286, CVE-2023-0215 vulnerability issues. For more details, search the Security Advisories section on the Moxa website for the following Security Advisory ID: MPSA-230405.
- CVE-2009-3563 vulnerability issue. For more details, search the Security Advisories section on the Moxa website for the following Security Advisory ID: MPSA-230307.
- CVE-2024-7695 vulnerability issue.
- CVE 2023-2650 vulnerability issue.

### Changes

N/A

### Notes

- For security reasons, support for the following unsafe SSHR protocols and SSH Weak MAC algorithms was removed:
  - Blowfish
  - Twofish-256-CBC
  - Twofish-128-CBC
  - SHA1\_96\_HMAC
  - MD5\_HMAC
- For security reasons, support for the following cipher suites was removed:
  - 3DES-cbc
  - AES128-cbc
  - AES192-cbc
  - AES256-cbc
- For security reasons, support for the following SSH Weak Key Exchange algorithm was removed:
  - Diffie-Hellman Group 1



<b>Version: v5.3</b>	<b>Build: N/A</b>
<b>Release Date: Nov 16, 2021</b>	

### **Applicable Products**

TN-G4516

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

- Added support for TLS v1.2.
- Added support for the "end" CLI command.

### **Bugs Fixed**

- Accounts with the "User" privilege level are able to obtain the password information of administrator-level accounts through the CLI.
- Exported log file are incomplete or show incorrect information.
- The coupler/master LED state is incorrect during bootup.
- If an event log is produced during a firmware upgrade, the firmware upgrade process will fail.

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v5.2</b>	<b>Build: N/A</b>
<b>Release Date: May 06, 2020</b>	

**Applicable Products**

TN-G4516

**Supported Operating Systems**

N/A

**New Features**

First release

**Enhancements**

N/A

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

N/A