



Firmware for TN-5900 Series Release Notes

Version: v3.1	Build: TN5916_V3.1_Build_20040717
Release Date: Jul 22, 2020	

Applicable Products

TN-5900 Series

Supported Operating Systems

N/A

New Features

- Added support for L3 firewall rules on the bridge interface.
- Added support for VRRP NAT Binding.

Enhancements

N/A

Bugs Fixed

- The IGMP web UI shows the wrong querier port when the TRv2 port is set as the querier port.
- IGMP Snooping forwards packages back to the source port in TRv2.
- The DHCP server would sometimes not work properly after a power cycle.
- IGMP causes heavy CPU load due to multicast traffic flood on the bridge port.
- An unexpected value is added when exporting the firewall configuration.
- UDP communication with the bridge port would sometimes drop when using TRv2.
- The Multicast Forwarding Table web UI page shows abnormal values.

Changes

N/A

Notes

N/A



Version: v3.0	Build: N/A
Release Date: Dec 16, 2019	

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

- Support Security Guideline Level 2, including Auto-logout, Default Password, Encrypted Account Password, Password Policy, Radius for Web Login, Encrypted Configuration File Export, and Key/Certificate of SSL/SSH Management
- Support NAT, including Bi-direction 1-1 NAT, Bi-direction N-1 NAT, Bi-direction Port Forwarding NAT, and 512 NAT rules
- Support L2 Firewall, L3 Firewall, and Bridge Mode
- Support DHCP Server with Option 66/67/82
- Support DHCP Client with Option 66/67
- Support PIM-SM
- Support DVMRP
- Support OSPF
- Support VRRP
- Support DNS Server
- Support IPsec, L2TP
- Support IEEE802.1x
- Support MXstudio

Enhancements

- Support SNMPv3 AES/DES Encryption Type
- Support Port Status and Interface Status on Web UI
- Upgrade NTP Server to ntp-4.2.8p13
- Set Trunk Port to Auto-negotiation by Default
- Use Javascript for Statistics Monitoring on Web UI
- Support CLI-based Configuration Export
- Support 12-digit Serial Number
- Support HTTPS Certificate using SHA256 with 2048 Key Length
- Upgrade OpenSSH to v7.5p1

Bugs Fixed

- Fix bug that Static Route doesn't work after importing configuration
- Fix CLI Command Injection issue
- Fix bug that MAC aging time doesn't work after importing configuration or port linking down and up
- Fix bug that Turbo Ring V2 sends lots of topology changes after rebooting
- Fix but that NTP date doesn't synchronize with RTC immediately
- Fix bug that CLI command "clock set <hh:mm:ss>" doesn't work
- Fix bug that Port still links up after Trunk Port is disabled
- Fix bug that physical port is not configured correctly when Trunk Port setting is involved
- Fix bug that Relay Bypass causes interface down and up instantly

Changes

N/A

Notes

N/A



Version: v1.2	Build: N/A
Release Date: Dec 16, 2015	

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A