



# **N-Tron® Series NT5000 Gigabit Managed Ethernet Switches**

**Firmware Release Notes | September 2024  
LP1195 | Revision D  
Through Version 1.3.4**

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# NT5000 Firmware Release Notes

## Document Change History

VERSION	DATE	DESCRIPTION
1.3.4	September 17, 2024	Release 1.3.4 System Firmware
1.3.2	April 2, 2024	Release 1.3.2 System Firmware
1.2.3	November 2023	Release 1.2.3 System Firmware
1.1.6	February 2023	Release 1.1.6 System Firmware



# NT5000 System Firmware

## Firmware Release Version 1.3.2 to 1.3.4 Delta

### General

- Corrected issue with removing IP routes
- Corrected issue that would prevent importing or exporting very large files

### DHCP (Dynamic Host Configuration Protocol)

- Corrected issue where IP by Port, DHCP settings are not correctly preserved through a restart
- Corrected issue with special characters in DHCP option 61 client ID
- Removed unsupported DHCP Option 12 interface elements





# Previous Versions

## Firmware Release Version 1.2.3 to 1.3.2 Delta

### General

- Refined privilege page descriptions
- Refined CLI and GUI page text
- Various help text improvements

### Behavior

- Updated delete functionality to notify the user if the delete button is activated without selecting anything to delete
- Corrected CLI bootup options

### N-View™

- Corrected N-View to properly report N-Ring™ manager status

### Libraries

- Updated various open source libraries

## Firmware Release Version 1.1.6 to 1.2.3 Delta

### Feature Enhancements

- N-Ring™ Manager
- DHCP Server with option 61 and Relay Agent with option 82
- Syslog support for up to 5 collectors

### Web UI Improvements

- Added the ability to export the event log via the web user interface
- Added the ability to make a copy of the config file(s)
- Added a description for the notification column in the help of the LLDP ports page
- Added gateway to the IP interfaces table
- Changed the text on the User Lockout webpage from "Mode" to "Enabled"
- Changed the Ports settings page to show the correct PVID when VLANs have been removed
- Changed the text in Ports under Port Security from "Mode" to "Enabled" and changed the dropdown selection to a green slider
- Changed the Alarms History to display the most recent alarm event at the top of the list
- Product Info page no longer displays bootloader as it is part of the firmware
- Eliminated the VLAN learning menu tab when the user does not have VLAN privileges
- Eliminated duplicate UI errors that occur when port config privileges are removed
- Added SSL certificate status to the HTTPS webpage

- Added the ability to upload HTTPS certificates from the web UI
- Corrected timeout error in HTTPs file transfer process. If errors are encountered while updating the NT5000 from 1.1.6 to 1.2.3, the use of TFTP or N-View™ 2 to update the firmware is recommended.

#### SNMP Enhancement

- Added support for voltage and temperature

#### IGMP

- Corrected issue when multiple switches erroneously report status as the active querier
- Changed IGMP fast leave to active by default
- Updated IGMP CLI command to show rFilter port status

#### RADIUS

- Added RADIUS tags for setting user specific privileges

## Firmware Release Version 1.1.5 to 1.1.6 Delta

- Resolved momentary drop in traffic during fast boot
- Repositioned error flags on even and odd ports on logical view to avoid overlap
- Resolved issue with DHCP IP address in N-View™ frames
- Fixed size of factory default warning dialog
- Fixed quick setup page to resolve issue that would not allow some buttons to be pressed or help dialog to display
- Updated help text