Firmware for NAT-102 Series Release Notes

Version: v3.23	Build: 25123121
Release Date: Jan 12, 2026	

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• SNMP/SNMP Trap supports SHA-256 and SHA-512 authentication.
• Tech Support File allows users to generate and import files for troubleshooting.
• Ping tool supports selecting source interface.

Bugs Fixed

• Link-up failure after device reboot.
• SNMP v3 traffic is blocked, causing devices to be SNMP-unreachable in MXview One.
• Trap information for MAC address table changes is incorrect.
• Cannot get up-to-date SNMP OID values through SNMP.
• Web interface not accessible via HTTP after HTTPS is disabled.
• System time incorrect after importing configuration. (Fixed in v3.21.0)

Changes

N/A

Notes

N/A

Version: v3.21	Build: 25100115
Release Date: Oct 03, 2025	

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

• Added mechanism to detect syslog server availability.
• Added support for PN-DCP Forwarding.

Enhancements

N/A

Bugs Fixed

• CVE-2025-6892, CVE-2025-6893, CVE-2025-6894, CVE-2025-6949, CVE-2025-6950 vulnerability issue(s). For more details, search the Security Advisories section on the Moxa website for the following Security Advisory ID: MPSA-258121.

Changes

• Changed the behavior of user account password modification.

Notes

N/A

Version: v3.19	Build: 25071510
Release Date: Jul 31, 2025	

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

• Added SMTPS support in email settings.

Enhancements

N/A

Bugs Fixed

• The local time does not change according to the selected time zone when Daylight Saving Time is enabled.
• State LED UI hint not accurate.
• Navigating to Syslog page causes unexpected sign out.
• Device stops responding to NTP requests from LAN clients.
• Certain characters in passwords cause sign in failures.
• Enabling or disabling a user account required re-entering the password modification.

Changes

N/A

Notes

N/A

Version: v3.17	Build: N/A
Release Date: Apr 01, 2025	

Applicable Products

NAT-102 Series

Supported Operating Systems

N/A

New Features

• Added Traceroute CLI command.
• Introduced multi-language support for MX-ROS, including Traditional/Simplified Chinese, Korean, and Japanese.

Enhancements

N/A

Bugs Fixed

N/A

Changes

• Supervisor and user accounts are no longer created by default, and must be added manually. Existing accounts are not affected.

Notes

• Before upgrading a NAT-100 Series device from v1.x to v3.17, we recommend saving a reference copy of the device's configuration to the local host and manually reconfiguring the device after upgrading to v3.17 to avoid compatibility issues.

Version: v3.15	Build: N/A
Release Date: Jan 09, 2025	

Applicable Products

NAT-102 Series

Supported Operating Systems

N/A

New Features

- Added support for the MX-ROS software platform.
- Added support for the MXview One management software. (Est. availability:Jan, 2025)
- Added support for the MXconfig software.
- Added support for SNMP, SNMP Trap/Inform V1, V2c, V3 functionality.
- Added support for NTP Authentication functionality.
- Added support for Setting Check functionality.
- Added the "Auto Create Source NAT" option to the NAT function.
- Added support for Certificate Management functionality.
- Added support for Login Authentication for Local, RADIUS, and TACACS+.
- Added support for MXview Alert Notification functionality.
- Added support for Network Statistics functionality.
- Added support for LLDP functionality.
- Added support for Syslog Authentication functionality.

Enhancements

- Added the TFTP, SCP, and SFTP methods for firmware upgrades.
- Added TFTP, SCP, and SFTP methods for configuration backup and restore.
- Users can now manually modify the Device Lockdown learning table and create list entries with user-specified interfaces.
- Added event notifications for the following events: Device Lockdown State Change, Firmware Upgrade Success, Firmware Upgrade Failure, Log Service Ready.
- Added the CPU Usage tab to Event Notification. This allows users to configure a CPU usage warning threshold.

Bugs Fixed

- CVE-2024-9138 CVE-2024-9140 vulnerability issues. For more details
 search the Security Advisories section on the Moxa website for the following Security Advisory ID: MPSA-241155

Changes

N/A

Notes

- Before upgrading a NAT-100 Series device from v1.x to v3.15, we recommend saving a reference copy of the device's configuration to the local host and manually reconfiguring the device after upgrading to v3.15 to avoid compatibility issues.
- (Known issue) The Bandwidth Utilization widget in the Network Statistics screen displays incorrectly.

Version: v1.0.5	Build: 23073117
Release Date: Sep 11, 2023	

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

• IPV-230306
• The WAN interface loses its connection after a power cycle.
• Connecting the Ethernet port to another device may sometimes cause the link to go down.
• The netmask of the WAN interface is unintentionally changed after rebooting the device.

Changes

N/A

Notes

N/A

Version: v1.0.3	Build: 22102112
Release Date: Oct 28, 2022	

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

• The system will stop recording Syslog event logs if the device name contains "moxa".
• Users are unable to change the device password when logged in using the default username and password.

Changes

N/A

Notes

This is a beta firmware release for bug fixing only.

Version: v1.0.1	Build: 22033117
Release Date: Apr 06, 2022	

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

• An incorrect interface name (exceeding 12 characters) causes the NAT function to stop working.

Changes

N/A

Notes

Note: This is a minor firmware update to address the listed bug. If you do not wish to upgrade the NAT-102 firmware, you can also rename the interface to solve this issue.

Version: v1.0	Build: 21111216
Release Date: Dec 24, 2021	

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

• First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A