



Firmware for EDR-8010 Series Release Notes

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|-----------------------------------|------------------------|
| Version: v3.12 | Build: 24073101 |
| Release Date: Aug 02, 2024 | |

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

- Added support for the Loopback Interface function.
- Added support for the OpenVPN Client function.
- Added support for the Netflow function.
- Added support for event-triggered actions to the VRRP function.
- Added support for UDP-Flood to the DoS Policy function.
- Added SNMP Trap as a Log Destination for the Layer 2 Policy function.
- Added support for additional event log export formats: .pdf, .csv.

Enhancements

- Enhanced the following IPsec algorithms.
 - Encryption: AES-256-GCM
 - Hash: SHA-512
 - DH Group: DH15 (modp3072), DH16 (modp4096), DH17 (modp6144), DH18 (modp8192), DH22 (modp1024s160), DH23 (modp2048s224), DH24 (modp2048s256), DH31 (curve25519)
 - PRF: PRF SHA-256, PRF SHA-384, PRF SHA-512

Bugs Fixed

- The maximum supported number of tunnels shown at the bottom of the IPsec Settings page is incorrect.
- The "Login Authentication Failure Message" does not save properly.
- Using the newline character (\n) in the 'Login Message' and 'Login Authentication Failure Message' causes abnormalities in the output.
- The system is unable to ping the VRRP virtual IP.
- Users are able to bypass password policy violation warnings by pressing ESC on the keyboard.
- Time zone settings are not saved if GMT is set to 0.
- Vulnerability: CVE-2024-6387.

Changes

- Changed the IPS license expiration behavior: When the license expires, IPS functionality will now remain enabled, but the IPS patterns will no longer be updated.
- Changed the Trusted Access behavior: Trusted Access now applies to the Web UI, CLI, and New Moxa Command interfaces.
- Changed the Preempt Delay range for the VRRP function from 10 to 300 to 0 to 300.

Notes

N/A



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| Version: v3.6 | Build: 24032802 |
| Release Date: Apr 03, 2024 | |

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

- Added Turbo Chain support for Layer 2 Redundancy.

Enhancements

- Modified the DoS policy for Flood Protection to allow independent limit ranges for each interface.

Bugs Fixed

- Restoring the device configuration may fail under specific circumstances.
- The allowed characters for the Password Policy are shown incorrectly.

Changes

N/A

Notes

N/A



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| Version: v3.3 | Build: 24010416 |
| Release Date: Jan 12, 2024 | |

Applicable Products

N/A

Supported Operating Systems

N/A

New Features

- Added support for TACACS+ authentication.
- Added Port Disable ingress action for Rate Limit function.
- Added support for LAN ID to DHCP option 82 in the DHCP relay agent.
- Added support for Proxy ARP for LAN interfaces.

Enhancements

- Increased the maximum username length to 32 characters for local account, SNMP, RADIUS, and IEEE 802.1X authentication.
- Increased the maximum length length of passwords, communities, and shared keys to 64 characters for local account, SNMP, RADIUS, and IEEE 802.1X authentication.
- Unified the range of supported special characters for local account, SNMP, RADIUS, and IEEE 802.1X.

Bugs Fixed

- The STATE LED behaves abnormally when no event notifications have been triggered.
- Users are unable to access the web console if their login passwords includes "\$\$".
- Units are incorrectly displaying as "packets" on the vertical axis of network statistics.
- Network statistics values are inaccurate when using ports for measurement.

Changes

N/A

Notes

N/A



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| Version: v3.1 | Build: 23090419 |
| Release Date: Sep 20, 2023 | |

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