

MOTOROLA SOLUTIONS TECHNICAL NOTIFICATION (MTN)

Title

Juniper SRX345 firewalls firmware security update to JUNOS 22.4R3-S5.11

Technology

ASTRO® 25 - SRX345 on firewalls positions

Severity Recommendation

High/Safety - Perform Immediately

Symptoms

The following CVEs were open and will be resolved as a result of this Juniper firewall security software update:

CVE-2025-21602, CVE-2024-47491, CVE-2024-47507, CVE-2024-3596, CVE-2015-5621, CVE-2008-6123, CVE-2020-15862, CVE-2020-15861, CVE-2018-18065, CVE-2015-8100, CVE-2014-3565, CVE-2014-2310, CVE-2014-2285, CVE-2019-20892, CVE-2012-6151, CVE-2007-5846, CVE-2024-39528, CVE-2024-39556, CVE-2024-39552, CVE-2024-39549, CVE-2024-21586, CVE-2017-15906, CVE-2018-15919, CVE-2018-15473, CVE-2019-6109, CVE-2019-6110, CVE-2019-6111, CVE-2018-20685, CVE-2020-15778, CVE-2020-14145, CVE-2020-12062, CVE-2021-41617, CVE-2021-28041, CVE-2016-20012, CVE-2021-36368, CVE-2023-38408, CVE-2023-28531, CVE-2024-21616, CVE-2023-48795, CVE-2023-51384, CVE-2023-51385, CVE-2024-21609, CVE-2024-21598, CVE-2024-30395, CVE-2023-44204.

Lack of compliance with the STIG V3R2 medium V-229023:

For the SRX345 Firewalls with Junos versions: 22.4R3-S5.11, 22.4R2-S2.6, 22.3R3.8, 22.2R1-S2.4 and additional SSD disk installed, the security traffic-log "RT_FLOW" events are not recorded to the internal SSD. The security traffic-log "RT_FLOW" events are logged only to the external syslog server.

Models / System Releases / Kits / Datecodes Affected

ASTRO releases: A2020.x/A2021.1/A2022.x/AN2024.x with SRX345 firewalls specified below.

- Control Room Firewall firmware version 22.3R3.8 and prior
- ISSI8000/Telephony Firewall firmware version 22.3R3.8 and prior
- Internet Base Radio (IBR) Firewall firmware version 22.3R3.8 and prior
- Wave 5k/LMP Firewall firmware version 22.3R3.8 and prior
- RNI DMZ Firewall firmware version 22.4R2-S2.6 and prior
- Internetworking Firewall firmware version 22.4R2-S2.6 and prior

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When To Apply

During maintenance _X_

As instructed _X_

Workaround/Recovery

None.

Resolution And Repair Procedure

Upgrade to the appropriate version as listed in the "Software Parts Required" section below, based on the model.

Order of upgrade:

1. Generate TNCT configuration using the version listed below.

NOTE 1: TNCT version is important due to the JunOS/TNCT configuration compatibility.

NOTE 2: To schedule a TNCT update, please contact your dedicated Motorola Customer Support Manager (CSM) or System Manager.

2. Upgrade Juniper SRX345 JunOS for all firewalls in the system.

For every firewall:

- Upgrade OS.
- Deploy configuration.
- Reboot firewall after deploying final configuration.

To obtain software:

1. Initiate a software request case through Motorola Solutions, Inc. Centralized Managed Support Operations (CMSO) - see contact numbers at <https://motorolasolutions.com/support> (for NA call directly: 800-MSI-HELP (800-674-4357) or 302-444-9800)
2. Await confirmation email from Motorola Solutions Software Factory (MSSF) with instructions
3. Complete the Motorola Solutions Software Factory Software Order Form:
 - Reference MTN-0012-25 in the 'Reason for Software/Hardware Change' section of the software order form.
 - List the part number (KC # as listed under "Software Parts Required" below) in the 'Part # or Version #' section of the software order form.
4. Email completed Software Order Form to MSSF for processing

To schedule a TNCT update, please contact your dedicated Motorola Customer Support Manager (CSM) or System Manager.

Time To Implement/System Impact

TIME TO IMPLEMENT/SYSTEM IMPACT - Juniper upgrade.

Estimated time to implement - per machine - up to 70 min.

High - Depending on the level of redundancy, critical services supported by the firewall being upgraded may be lost (e.g., loss of SmartConnect).

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Software Parts Required

System Release	Name / SW version	Details / Part Number
A2020.x, A2021.1, A2022.x, AN2024.x	Junos 22.4R3-S5.11	KC147L01M000071723 or later
A2020.x, A2021.1, A2022.x, AN2024.x	TNCT Version: R26.145.00 or later	N/A

Additional Information

NOTE 1

This MTN applies to Juniper SRX345 devices on firewall positions in the ASTRO system. This DOES NOT apply to the Juniper SRX on router positions.

NOTE 2

Juniper SRX345 upgrade time is 50 minutes (single node), 70 minutes (cluster), OS size: 398 MB.

NOTE 3

Known issue:

After upgrading to Junos 22.4R3-S5.11 on the firewalls with an additional SSD disk, the llmd process may not start on the firewall, which results in not saving security traffic logs on the local SSD disk. This issue will be resolved by implementing the procedure stated in the Resolution and Repair Procedure section.

Reference The Following Documents/Processes For Installation Procedures

[Unified Network Configurator User Guide](#) - chapter Updating OS Images and Software on Devices.

Labor Allowance

This is an informational bulletin. No labor warranty is implied, intended, or authorized.

For assistance with this bulletin please contact your MSI Technical Support Centre at <https://motorolasolutions.com/support>.

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