



Junos OS: MX Series: Firewall filters on lo0.<non-0> in the default routing instance are not in effect

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2026-33774
State	PUBLISHED
Assigner	juniper
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-09 22:16:25 UTC
Updated	2026-04-13 15:02:27 UTC
Description	An Improper Check for Unusual or Exceptional Conditions vulnerability in the packet forwarding engine (pfe) of Juniper Net

Risk And Classification

Primary CVSS: v4.0 6.9 MEDIUM from sirt@juniper.net

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:L/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:Y/R:U/V:X/RE:L/U:X

EPSS: 0.000360000 probability, percentile 0.105880000 (date 2026-04-15)

Problem Types: CWE-754 | CWE-754 CWE-754 Improper Check for Unusual or Exceptional Conditions

Version	Source	Type	Score	Severity	Vector
4.0	sirt@juniper.net	Secondary	6.9	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:L/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:Y/R:U/V:X/RE:L/U:X
4.0	CNA	CVSS	6.9	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:L/VA:N/SC:N/SI:N/SA:N/AU:Y/R:U/V:X/RE:L/U:X
3.1	sirt@juniper.net	Primary	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N
3.1	CNA	CVSS	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

Low

Integrity

Low

Availability

None

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:N/UI:N/VC:L/VI:L/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX:MSI:X/MSA:X/S:X/AU:Y/R:U/V:X/RE:L/U:X

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

None

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Juniper Networks	Junos OS	affected 23.2R2-S6 semver	MX Series
CNA	Juniper Networks	Junos OS	affected 23.4 23.4R2-S7 semver	MX Series

CNA	Juniper Networks	Junos OS	affected 24.2 24.2R2 semver	MX Series
CNA	Juniper Networks	Junos OS	affected 24.4 24.4R2 semver	MX Series

References

Reference	Source	Link	Tags
kb.juniper.net/JSA107865	sirt@juniper.net	kb.juniper.net	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Additional Advisory Data

Solutions

CNA: The following software releases have been updated to resolve this specific issue: 23.2R2-S6, 23.4R2-S7, 24.2R2, 24.4R2, 25.2R1, and all subsequent releases.

Workarounds

CNA: Renaming the lo0 logical unit used in the default routing instance from non-0 to 0 resolves this issue.

Exploits

CNA: Juniper SIRT is not aware of any malicious exploitation of this vulnerability.

There are currently no legacy QID mappings associated with this CVE.

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