



CVE-2020-1644

Published on: 07/17/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:23:47 PM UTC

CVE-2020-1644 - advisory for JSA11032

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H



Certain versions of [Junos](#) from [Juniper](#) contain the following vulnerability:

On Juniper Networks Junos OS and Junos OS Evolved devices, the receipt of a specific BGP UPDATE packet causes an internal counter to be incremented incorrectly, which over time can lead to the routing protocols process (RPD) crash and restart. This issue affects both IBGP and EBGP multihop deployment in IPv4 or IPv6 network. This

issue affects: Juniper Networks Junos OS: 17.2X75 versions prior to 17.2X75-D105.19; 17.3 versions prior to 17.3R3-S8; 17.4 versions prior to 17.4R2-S10, 17.4R3-S2; 18.1 versions prior to 18.1R3-S10; 18.2 versions prior to 18.2R2-S7, 18.2R3-S4; 18.2X75 versions prior to 18.2X75-D13, 18.2X75-D411.1, 18.2X75-D420.18, 18.2X75-D52.3, 18.2X75-D60; 18.3 versions prior to 18.3R2-S4, 18.3R3-S2; 18.4 versions prior to 18.4R1-S7, 18.4R2-S4, 18.4R3-S2; 19.1 versions prior to 19.1R1-S5, 19.1R2-S1, 19.1R3; 19.2 versions prior to 19.2R1-S5, 19.2R2; 19.3 versions prior to 19.3R2-S2, 19.3R3; 19.4 versions prior to 19.4R1-S2, 19.4R2. Juniper Networks Junos OS Evolved: any releases prior to 20.1R2-EVO. This issue does not affect Juniper Networks Junos OS releases prior to 17.3R1.

CVE-2020-1644 has been assigned by [J sirt@juniper.net](#) to track the vulnerability - currently rated as **HIGH** severity.

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

Vulnerability Patch/Work Around

There are no available workarounds for this issue.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact

UNCHANGED

NONE

NONE

HIGH

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
2020-07 Security Bulletin: Junos OS and Junos OS Evolved: RPD crash due to specific BGP UPDATE packets (CVE-2020-1644) - Juniper Networks	Vendor Advisory kb.juniper.net text/html	CONFIRM kb.juniper.net/JSA11032

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Juniper	Junos	17.2x75	-	All	All
Operating System	Juniper	Junos	17.2x75	d102	All	All
Operating System	Juniper	Junos	17.2x75	d50	All	All
Operating System	Juniper	Junos	17.2x75	d70	All	All
Operating System	Juniper	Junos	17.2x75	d92	All	All
Operating System	Juniper	Junos	17.3	-	All	All
Operating System	Juniper	Junos	17.3	r1-s1	All	All
Operating System	Juniper	Junos	17.3	r2	All	All
Operating System	Juniper	Junos	17.3	r2-s1	All	All
Operating System	Juniper	Junos	17.3	r2-s2	All	All
Operating System	Juniper	Junos	17.3	r2-s3	All	All

System						
Operating System	Juniper	Junos	17.3	r2-s4	All	All
Operating System	Juniper	Junos	17.3	r3	-	All
Operating System	Juniper	Junos	17.3	r3-s1	All	All
Operating System	Juniper	Junos	17.3	r3-s2	All	All
Operating System	Juniper	Junos	17.3	r3-s3	All	All
Operating System	Juniper	Junos	17.3	r3-s4	All	All
Operating System	Juniper	Junos	17.3	r3-s7	All	All
Operating System	Juniper	Junos	17.4	-	All	All
Operating System	Juniper	Junos	17.4	r1	All	All
Operating System	Juniper	Junos	17.4	r1-s1	All	All
Operating System	Juniper	Junos	17.4	r1-s2	All	All
Operating System	Juniper	Junos	17.4	r1-s4	All	All
Operating System	Juniper	Junos	17.4	r1-s5	All	All
Operating System	Juniper	Junos	17.4	r1-s6	All	All
Operating System	Juniper	Junos	17.4	r1-s7	All	All
Operating System	Juniper	Junos	17.4	r2	All	All
Operating System	Juniper	Junos	17.4	r2-s1	All	All
Operating System	Juniper	Junos	17.4	r2-s2	All	All
Operating System	Juniper	Junos	17.4	r2-s3	All	All
Operating System	Juniper	Junos	17.4	r2-s4	All	All
Operating System	Juniper	Junos	17.4	r2-s5	All	All
Operating System	Juniper	Junos	17.4	r2-s6	All	All
Operating System	Juniper	Junos	17.4	r2-s7	All	All

Operating System	Vendor	Series	Version	Architecture	Platform	OS
Operating System	Juniper	Junos	17.4	r2-s8	All	All
Operating System	Juniper	Junos	17.4	r2-s9	All	All
Operating System	Juniper	Junos	17.4	r3	All	All
Operating System	Juniper	Junos	17.4	r3-s1	All	All
Operating System	Juniper	Junos	18.1	-	All	All
Operating System	Juniper	Junos	18.1	r1	All	All
Operating System	Juniper	Junos	18.1	r2	All	All
Operating System	Juniper	Junos	18.1	r2-s1	All	All
Operating System	Juniper	Junos	18.1	r2-s2	All	All
Operating System	Juniper	Junos	18.1	r2-s4	All	All
Operating System	Juniper	Junos	18.1	r3	All	All
Operating System	Juniper	Junos	18.1	r3-s1	All	All
Operating System	Juniper	Junos	18.1	r3-s2	All	All
Operating System	Juniper	Junos	18.1	r3-s3	All	All
Operating System	Juniper	Junos	18.1	r3-s4	All	All
Operating System	Juniper	Junos	18.1	r3-s6	All	All
Operating System	Juniper	Junos	18.1	r3-s7	All	All
Operating System	Juniper	Junos	18.1	r3-s8	All	All
Operating System	Juniper	Junos	18.1	r3-s9	All	All
Operating System	Juniper	Junos	18.2	-	All	All
Operating System	Juniper	Junos	18.2	r1	All	All
Operating System	Juniper	Junos	18.2	r1	-	All
Operating System	Juniper	Junos	18.2	r1-s2	All	All

Operating System	Juniper	Junos	18.2	r1-s3	All	All
Operating System	Juniper	Junos	18.2	r1-s4	All	All
Operating System	Juniper	Junos	18.2	r1-s5	All	All
Operating System	Juniper	Junos	18.2	r2	All	All
Operating System	Juniper	Junos	18.2	r2-s1	All	All
Operating System	Juniper	Junos	18.2	r2-s2	All	All
Operating System	Juniper	Junos	18.2	r2-s3	All	All
Operating System	Juniper	Junos	18.2	r2-s4	All	All
Operating System	Juniper	Junos	18.2	r2-s5	All	All
Operating System	Juniper	Junos	18.2	r2-s6	All	All
Operating System	Juniper	Junos	18.2	r3	All	All
Operating System	Juniper	Junos	18.2	r3-s1	All	All
Operating System	Juniper	Junos	18.2	r3-s2	All	All
Operating System	Juniper	Junos	18.2	r3-s3	All	All
Operating System	Juniper	Junos	18.2x75	-	All	All
Operating System	Juniper	Junos	18.2x75	d20	All	All
Operating System	Juniper	Junos	18.2x75	d30	All	All
Operating System	Juniper	Junos	18.2x75	d40	All	All
Operating System	Juniper	Junos	18.3	-	All	All
Operating System	Juniper	Junos	18.3	r1	All	All
Operating System	Juniper	Junos	18.3	r1-s1	All	All
Operating System	Juniper	Junos	18.3	r1-s2	All	All
Operating System	Juniper	Junos	18.3	r1-s3	All	All
Operating System	Juniper	Junos	18.3	r1-s4	All	All

Operating System	Juniper	Junos	18.3	r1-s5	All	All
Operating System	Juniper	Junos	18.3	r1-s6	All	All
Operating System	Juniper	Junos	18.3	r2	All	All
Operating System	Juniper	Junos	18.3	r2-s1	All	All
Operating System	Juniper	Junos	18.3	r2-s2	All	All
Operating System	Juniper	Junos	18.3	r2-s3	All	All
Operating System	Juniper	Junos	18.3	r3	All	All
Operating System	Juniper	Junos	18.3	r3-s1	All	All
Operating System	Juniper	Junos	18.4	-	All	All
Operating System	Juniper	Junos	18.4	r1	All	All
Operating System	Juniper	Junos	18.4	r1-s1	All	All
Operating System	Juniper	Junos	18.4	r1-s2	All	All
Operating System	Juniper	Junos	18.4	r1-s5	All	All
Operating System	Juniper	Junos	18.4	r1-s6	All	All
Operating System	Juniper	Junos	18.4	r2	All	All
Operating System	Juniper	Junos	18.4	r2-s1	All	All
Operating System	Juniper	Junos	18.4	r2-s2	All	All
Operating System	Juniper	Junos	18.4	r2-s3	All	All
Operating System	Juniper	Junos	18.4	r3	All	All
Operating System	Juniper	Junos	18.4	r3-s1	All	All
Operating System	Juniper	Junos	19.1	-	All	All
Operating System	Juniper	Junos	19.1	r1	All	All
Operating System	Juniper	Junos	19.1	r1-s1	All	All

Operating System	Juniper	Junos	19.1	r1-s2	All	All
Operating System	Juniper	Junos	19.1	r1-s3	All	All
Operating System	Juniper	Junos	19.1	r1-s4	All	All
Operating System	Juniper	Junos	19.1	r2	All	All
Operating System	Juniper	Junos	19.2	-	All	All
Operating System	Juniper	Junos	19.2	r1	All	All
Operating System	Juniper	Junos	19.2	r1-s1	All	All
Operating System	Juniper	Junos	19.2	r1-s2	All	All
Operating System	Juniper	Junos	19.2	r1-s3	All	All
Operating System	Juniper	Junos	19.2	r1-s4	All	All
Operating System	Juniper	Junos	19.3	-	All	All
Operating System	Juniper	Junos	19.3	r1	All	All
Operating System	Juniper	Junos	19.3	r1-s1	All	All
Operating System	Juniper	Junos	19.3	r2	All	All
Operating System	Juniper	Junos	19.3	r2-s1	All	All
Operating System	Juniper	Junos	19.4	r1	All	All
Operating System	Juniper	Junos	19.4	r1-s1	All	All
Operating System	Juniper	Junos	17.2x75	-	All	All
Operating System	Juniper	Junos	17.2x75	d102	All	All
Operating System	Juniper	Junos	17.2x75	d50	All	All
Operating System	Juniper	Junos	17.2x75	d70	All	All
Operating System	Juniper	Junos	17.2x75	d92	All	All
Operating System	Juniper	Junos	17.3	-	All	All

Operating System	Juniper	Junos	17.3	r1-s1	All	All
Operating System	Juniper	Junos	17.3	r2	All	All
Operating System	Juniper	Junos	17.3	r2-s1	All	All
Operating System	Juniper	Junos	17.3	r2-s2	All	All
Operating System	Juniper	Junos	17.3	r2-s3	All	All
Operating System	Juniper	Junos	17.3	r2-s4	All	All
Operating System	Juniper	Junos	17.3	r3	-	All
Operating System	Juniper	Junos	17.3	r3-s1	All	All
Operating System	Juniper	Junos	17.3	r3-s2	All	All
Operating System	Juniper	Junos	17.3	r3-s3	All	All
Operating System	Juniper	Junos	17.3	r3-s4	All	All
Operating System	Juniper	Junos	17.3	r3-s7	All	All
Operating System	Juniper	Junos	17.4	-	All	All
Operating System	Juniper	Junos	17.4	r1	All	All
Operating System	Juniper	Junos	17.4	r1-s1	All	All
Operating System	Juniper	Junos	17.4	r1-s2	All	All
Operating System	Juniper	Junos	17.4	r1-s4	All	All
Operating System	Juniper	Junos	17.4	r1-s5	All	All
Operating System	Juniper	Junos	17.4	r1-s6	All	All
Operating System	Juniper	Junos	17.4	r1-s7	All	All
Operating System	Juniper	Junos	17.4	r2	All	All
Operating System	Juniper	Junos	17.4	r2-s1	All	All
Operating System	Juniper	Junos	17.4	r2-s2	All	All

Operating System	Juniper	Junos	17.4	r2-s3	All	All
Operating System	Juniper	Junos	17.4	r2-s4	All	All
Operating System	Juniper	Junos	17.4	r2-s5	All	All
Operating System	Juniper	Junos	17.4	r2-s6	All	All
Operating System	Juniper	Junos	17.4	r2-s7	All	All
Operating System	Juniper	Junos	17.4	r2-s8	All	All
Operating System	Juniper	Junos	17.4	r2-s9	All	All
Operating System	Juniper	Junos	17.4	r3	All	All
Operating System	Juniper	Junos	17.4	r3-s1	All	All
Operating System	Juniper	Junos	18.1	-	All	All
Operating System	Juniper	Junos	18.1	r1	All	All
Operating System	Juniper	Junos	18.1	r2	All	All
Operating System	Juniper	Junos	18.1	r2-s1	All	All
Operating System	Juniper	Junos	18.1	r2-s2	All	All
Operating System	Juniper	Junos	18.1	r2-s4	All	All
Operating System	Juniper	Junos	18.1	r3	All	All
Operating System	Juniper	Junos	18.1	r3-s1	All	All
Operating System	Juniper	Junos	18.1	r3-s2	All	All
Operating System	Juniper	Junos	18.1	r3-s3	All	All
Operating System	Juniper	Junos	18.1	r3-s4	All	All
Operating System	Juniper	Junos	18.1	r3-s6	All	All
Operating System	Juniper	Junos	18.1	r3-s7	All	All
Operating System	Juniper	Junos	18.1	r3-s8	All	All

Operating System	Juniper	Junos	18.1	r3-s9	All	All
Operating System	Juniper	Junos	18.2	-	All	All
Operating System	Juniper	Junos	18.2	r1	All	All
Operating System	Juniper	Junos	18.2	r1	-	All
Operating System	Juniper	Junos	18.2	r1-s3	All	All
Operating System	Juniper	Junos	18.2	r1-s4	All	All
Operating System	Juniper	Junos	18.2	r1-s5	All	All
Operating System	Juniper	Junos	18.2	r2	All	All
Operating System	Juniper	Junos	18.2	r2-s1	All	All
Operating System	Juniper	Junos	18.2	r2-s2	All	All
Operating System	Juniper	Junos	18.2	r2-s3	All	All
Operating System	Juniper	Junos	18.2	r2-s4	All	All
Operating System	Juniper	Junos	18.2	r2-s5	All	All
Operating System	Juniper	Junos	18.2	r2-s6	All	All
Operating System	Juniper	Junos	18.2	r3	All	All
Operating System	Juniper	Junos	18.2	r3-s1	All	All
Operating System	Juniper	Junos	18.2	r3-s2	All	All
Operating System	Juniper	Junos	18.2	r3-s3	All	All
Operating System	Juniper	Junos	18.2x75	-	All	All
Operating System	Juniper	Junos	18.2x75	d20	All	All
Operating System	Juniper	Junos	18.2x75	d30	All	All
Operating System	Juniper	Junos	18.2x75	d40	All	All
Operating System	Juniper	Junos	18.3	-	All	All

Operating System	Juniper	Junos	18.3	r1	All	All
Operating System	Juniper	Junos	18.3	r1-s1	All	All
Operating System	Juniper	Junos	18.3	r1-s2	All	All
Operating System	Juniper	Junos	18.3	r1-s3	All	All
Operating System	Juniper	Junos	18.3	r1-s5	All	All
Operating System	Juniper	Junos	18.3	r1-s6	All	All
Operating System	Juniper	Junos	18.3	r2	All	All
Operating System	Juniper	Junos	18.3	r2-s1	All	All
Operating System	Juniper	Junos	18.3	r2-s2	All	All
Operating System	Juniper	Junos	18.3	r2-s3	All	All
Operating System	Juniper	Junos	18.3	r3	All	All
Operating System	Juniper	Junos	18.3	r3-s1	All	All
Operating System	Juniper	Junos	18.4	-	All	All
Operating System	Juniper	Junos	18.4	r1	All	All
Operating System	Juniper	Junos	18.4	r1-s1	All	All
Operating System	Juniper	Junos	18.4	r1-s2	All	All
Operating System	Juniper	Junos	18.4	r1-s5	All	All
Operating System	Juniper	Junos	18.4	r1-s6	All	All
Operating System	Juniper	Junos	18.4	r2	All	All
Operating System	Juniper	Junos	18.4	r2-s1	All	All
Operating System	Juniper	Junos	18.4	r2-s2	All	All
Operating System	Juniper	Junos	18.4	r2-s3	All	All
Operating System	Juniper	Junos	18.4	r3	All	All

Operating System	Juniper	Junos	18.4	r3-s1	All	All
Operating System	Juniper	Junos	19.1	-	All	All
Operating System	Juniper	Junos	19.1	r1	All	All
Operating System	Juniper	Junos	19.1	r1-s1	All	All
Operating System	Juniper	Junos	19.1	r1-s2	All	All
Operating System	Juniper	Junos	19.1	r1-s3	All	All
Operating System	Juniper	Junos	19.1	r1-s4	All	All
Operating System	Juniper	Junos	19.1	r2	All	All
Operating System	Juniper	Junos	19.2	-	All	All
Operating System	Juniper	Junos	19.2	r1	All	All
Operating System	Juniper	Junos	19.2	r1-s1	All	All
Operating System	Juniper	Junos	19.2	r1-s2	All	All
Operating System	Juniper	Junos	19.2	r1-s3	All	All
Operating System	Juniper	Junos	19.2	r1-s4	All	All
Operating System	Juniper	Junos	19.3	-	All	All
Operating System	Juniper	Junos	19.3	r1	All	All
Operating System	Juniper	Junos	19.3	r1-s1	All	All
Operating System	Juniper	Junos	19.3	r2	All	All
Operating System	Juniper	Junos	19.3	r2-s1	All	All
Operating System	Juniper	Junos	19.4	r1	All	All
Operating System	Juniper	Junos	19.4	r1-s1	All	All
Operating System	Juniper	Junos Os Evolved	18.3	r1	All	All
Operating System	Juniper	Junos Os Evolved	19.1	r1	All	All

Operating System	Juniper	Junos Os Evolved	19.1	r2	All	All
Operating System	Juniper	Junos Os Evolved	19.2	r1	All	All
Operating System	Juniper	Junos Os Evolved	19.2	r2	All	All
Operating System	Juniper	Junos Os Evolved	19.3	r1	All	All
Operating System	Juniper	Junos Os Evolved	19.3	r2	All	All
Operating System	Juniper	Junos Os Evolved	20.1	r1	All	All
Operating System	Juniper	Junos Os Evolved	18.3	r1	All	All
Operating System	Juniper	Junos Os Evolved	19.1	r1	All	All
Operating System	Juniper	Junos Os Evolved	19.1	r2	All	All
Operating System	Juniper	Junos Os Evolved	19.2	r1	All	All
Operating System	Juniper	Junos Os Evolved	19.2	r2	All	All
Operating System	Juniper	Junos Os Evolved	19.3	r1	All	All
Operating System	Juniper	Junos Os Evolved	19.3	r2	All	All
Operating System	Juniper	Junos Os Evolved	20.1	r1	All	All
cpe:2.3:o:juniper:junos:17.2x75:-:*:*:*:*:*:						
cpe:2.3:o:juniper:junos:17.2x75:d102:*:*:*:*:*:						
cpe:2.3:o:juniper:junos:17.2x75:d50:*:*:*:*:*:						
cpe:2.3:o:juniper:junos:17.2x75:d70:*:*:*:*:*:						
cpe:2.3:o:juniper:junos:17.2x75:d92:*:*:*:*:*:						
cpe:2.3:o:juniper:junos:17.3:-:*:*:*:*:*:						
cpe:2.3:o:juniper:junos:17.3:r1-s1:*:*:*:*:*:						
cpe:2.3:o:juniper:junos:17.3:r2:*:*:*:*:*:						
cpe:2.3:o:juniper:junos:17.3:r2-s1:*:*:*:*:*:						
cpe:2.3:o:juniper:junos:17.3:r2-s2:*:*:*:*:*:						
cpe:2.3:o:juniper:junos:17.3:r2-s3:*:*:*:*:*:						

cpe:2.3:o:juniper:junos:17.3:r2-s4:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:17.3:r3:-~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:17.3:r3-s1:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s2:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s3:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s4:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s7:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:-~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s1:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s2:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s4:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s5:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s6:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s7:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s1:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s2:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s3:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s4:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s5:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s6:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s7:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s8:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s9:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r3:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r3-s1:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:-~::~~::~~::~~::~~::

```
cpe:2.3:o:juniper:junos:18.1:r1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r2-s1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r2-s2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r2-s4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r3-s1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r3-s2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r3-s3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r3-s4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r3-s6:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r3-s7:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r3-s8:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r3-s9:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:-:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r1:-:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r1-s3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r1-s4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r1-s5:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r2-s1:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r2-s2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r2-s3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r2-s4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r2-s5:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r2-s6:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.2:r3-s1:*:*:*:*:*:
```

cpe:2.3:o:juniper:junos:18.2:r3-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r3-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2x75:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2x75:d20:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2x75:d30:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2x75:d40:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.3:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.3:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.3:r1-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.3:r1-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.3:r1-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.3:r1-s5:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.3:r1-s6:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.3:r2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.3:r2-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.3:r2-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.3:r2-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.3:r3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.3:r3-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r1-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r1-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r1-s5:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r1-s6:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r2-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r2-s2:~::~~::~~::~~::~~::~~::

cpe:2.3:o:juniper:junos:18.4:r2-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r3-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r1-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r1-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r1-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r1-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:r1-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:r1-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:r1-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:r1-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.3:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.3:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.3:r1-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.3:r2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.3:r2-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.4:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.4:r1-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.2x75:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.2x75:d102:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.2x75:d50:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.2x75:d70:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.2x75:d92:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:-:~::~~::~~::~~::~~::~~::

cpe:2.3:o:juniper:junos:17.3:r1-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r2-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r2-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r2-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r2-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s7:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s5:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s6:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s7:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s5:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s6:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s7:~::~~::~~::~~::~~::~~::

cpe:2.3:o:juniper:junos:17.4:r2-s8:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s9:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r3-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r2-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r2-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r2-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s6:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s7:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s8:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s9:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r1:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r1-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r1-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r1-s5:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r2-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r2-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r2-s3:~::~~::~~::~~::~~::~~::

cpe:2.3:o:juniper:junos:18.2:r2-s0:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.2:r2-s4:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.2:r2-s5:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.2:r2-s6:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.2:r3:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.2:r3-s1:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.2:r3-s2:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.2:r3-s3:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.2x75:-.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.2x75:d20:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.2x75:d30:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.2x75:d40:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.3:-.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.3:r1:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.3:r1-s1:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.3:r1-s2:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.3:r1-s3:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.3:r1-s5:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.3:r1-s6:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.3:r2:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.3:r2-s1:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.3:r2-s2:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.3:r2-s3:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.3:r3:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.3:r3-s1:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.4:-.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.4:r1:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.4:r1-s1:.*.*.*.*.*:
cpe:2.3:o:juniper:junos:18.4:r1-s2:.*.*.*.*.*:

```
cpe:2.3:o:juniper:junos:18.4:r1-s5:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:r1-s6:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:r2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:r2-s1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:r2-s2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:r2-s3:*:*:*:*:*:
```

cpe:2.3:o:juniper:junos:18.4:r3:*:*:*:*:*:

```
cpe:2.3:o:juniper:junos:18.4:r3-s1:*.*.*.*.*.:
```

```
cpe:2.3:o:juniper:junos:19.1:-:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.1:r1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.1:r1-s1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.1:r1-s2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.1:r1-s3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.1:r1-s4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.1:r2:*:*:*:*:*:
```

cpe:2.3:o:juniper:junos:19.2:-:*:*:*:*:*:

```
cpe:2.3:o:juniper:junos:19.2:r1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.2:r1-s1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.2:r1-s2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.2:r1-s3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.2:r1-s4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.3:-:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.3:r1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.3:r1-s1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.3:r2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:19.3:r2-s1:*.~*~*~*~*~*~*
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cpe:2.3:o:juniper:junos:19.4:r1:*:*:*:*:*:

cpe:2.3:o:juniper:junos:19.4:r1-s1:*:*:*:*:*:

cpe:2.3:o:juniper:junos_os_evolved:18.3:r1:*****:
cpe:2.3:o:juniper:junos_os_evolved:19.1:r1:*****:
cpe:2.3:o:juniper:junos_os_evolved:19.1:r2:*****:
cpe:2.3:o:juniper:junos_os_evolved:19.2:r1:*****:
cpe:2.3:o:juniper:junos_os_evolved:19.2:r2:*****:
cpe:2.3:o:juniper:junos_os_evolved:19.3:r1:*****:
cpe:2.3:o:juniper:junos_os_evolved:19.3:r2:*****:
cpe:2.3:o:juniper:junos_os_evolved:20.1:r1:*****:
cpe:2.3:o:juniper:junos_os_evolved:18.3:r1:*****:
cpe:2.3:o:juniper:junos_os_evolved:19.1:r1:*****:
cpe:2.3:o:juniper:junos_os_evolved:19.1:r2:*****:
cpe:2.3:o:juniper:junos_os_evolved:19.2:r1:*****:
cpe:2.3:o:juniper:junos_os_evolved:19.2:r2:*****:
cpe:2.3:o:juniper:junos_os_evolved:19.3:r1:*****:
cpe:2.3:o:juniper:junos_os_evolved:19.3:r2:*****:
cpe:2.3:o:juniper:junos_os_evolved:20.1:r1:*****:

No vendor comments have been submitted for this CVE