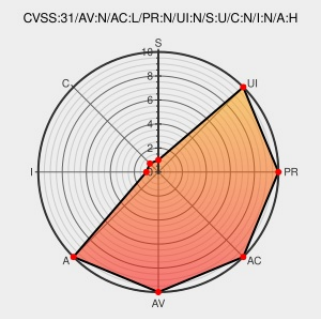
CVE-2019-0064

Published on: 10/09/2019 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

CVE-2019-0064 - advisory for JSA10963

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Junos from Juniper contain the following vulnerability:

On SRX5000 Series devices, if 'set security zones security-zone <zone> tcp-rst' is configured, the flowd process may crash when a specific TCP packet is received by the device and triggers a new session. The process restarts automatically. However, receipt of a constant stream of these TCP packets may result in an extended Denial of Service (DoS) condition on the device. This issue affects Juniper Networks Junos OS: 18.2R3 on SRX 5000 Series; 18.4R2 on SRX 5000 Series; 19.2R1 on SRX 5000 Series.

CVE-2019-0064 has been assigned by sirt@juniper.net to track the vulnerability - currently rated as HIGH severity.

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

Affected Vendor/Software: **Juniper Networks** - **Junos OS** version **= 18.2R3**

Affected Vendor/Software: **Juniper Networks** - **Junos OS** version **= 18.4R2**

Affected Vendor/Software: **Juniper Networks** - **Junos OS** version **= 19.2R1**

Vulnerability Patch/Work Around

There are no viable 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: 4.3 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
2019-10 Security Bulletin: Junos OS: SRX5000 Series: flowd process crash due to receipt of specific TCP packet (CVE-2019-0064) - Juniper Networks	Vendor Advisory kb.juniper.net text/html	MISC kb.juniper.net/JSA10963

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	18.2	r3	All	All
Operating System	Juniper	Junos	18.4	r2	All	All
Operating System	Juniper	Junos	19.2	r1	All	All
Operating System	Juniper	Junos	18.2	r3	All	All
Operating System	Juniper	Junos	18.4	r2	All	All
Operating System	Juniper	Junos	19.2	r1	All	All
Hardware	Juniper	Srx5400	-	All	All	All
Hardware	Juniper	Srx5400	-	All	All	All
Hardware	Juniper	Srx5600	-	All	All	All
Hardware	Juniper	Srx5600	-	All	All	All
Hardware	Juniper	Srx5800	-	All	All	All
Hardware	Juniper	Srx5800	-	All	All	All

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

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

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

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

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

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

cpe:2.3:h:juniper:srx5400:-:*:*:*:*:*:*:*:

cpe:2.3:h:juniper:srx5400:-:*:*:*:*:*:*:*:

cpe:2.3:h:juniper:srx5600:-:*:*:*:*:*:*:*:

cpe:2.3:h:juniper:srx5600:-:*:*:*:*:*:*:*:

cpe:2.3:h:juniper:srx5800:-:*:*:*:*:*:*:*:

cpe:2.3:h:juniper:srx5800:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)

← Previous ID

Next ID→