CVE-2015-3006

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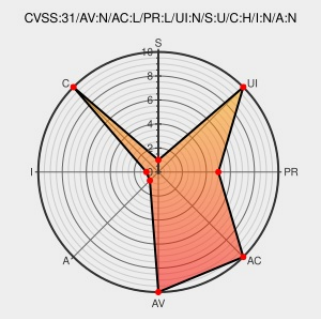
CVE-2015-3006 - advisory for JSA10678

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



Certain versions of Junos from Juniper contain the following vulnerability:

On the QFX3500 and QFX3600 platforms, the number of bytes collected from the RANDOM_INTERRUPT entropy source when the device boots up is insufficient, possibly leading to weak or duplicate SSH keys or self-signed SSL/TLS certificates. Entropy increases after the system has been up and running for some time, but immediately after boot, the entropy is very low. This issue only affects the QFX3500 and QFX3600 switches. No other Juniper Networks products or platforms are affected by this weak entropy vulnerability.

CVE-2015-3006 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

Vulnerability Patch/Work Around

Avoid generating SSH keys or self-signed SSL certificates on the affected platforms until the system has been up and running for some time, allowing additional sources of randomness to generate sufficient entropy.

CVSS3 Score: 6.5 - MEDIUM

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

CVSS2 Score: 6.8 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**

COMPLETE	NONE	NONE

CVE References

Description	Tags	Link
2015-04 Security Bulletin: Junos: Insufficient entropy on QFX3500 and QFX3600 platforms when the system boots up (CVE-2015-3006) - Juniper Networks	Vendor Advisory kb.juniper.net text/html	CONFIRM kb.juniper.net/JSA10678

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	12.2x50	d10	All	All
Operating System	Juniper	Junos	12.2x50	d20	All	All
Operating System	Juniper	Junos	12.2x50	d41.1	All	All
Operating System	Juniper	Junos	12.2x50	d42.1	All	All
Operating System	Juniper	Junos	12.2x50	d56.1	All	All
Operating System	Juniper	Junos	13.1x50	d10	All	All
Operating System	Juniper	Junos	13.1x50	d25	All	All
Operating System	Juniper	Junos	13.2x51	d15	All	All
Operating System	Juniper	Junos	13.2x51	d20	All	All
Operating System	Juniper	Junos	13.2x51	d20.2	All	All
Operating System	Juniper	Junos	13.2x51	d21	All	All
Operating System	Juniper	Junos	13.2x52	d10	All	All
Operating System	Juniper	Junos	13.2x52	d5	All	All
Operating System	Juniper	Junos	14.1x53	-	All	All

Operating System	Juniper	Junos	12.2x50	d10	All	All
Operating System	Juniper	Junos	12.2x50	d20	All	All
Operating System	Juniper	Junos	12.2x50	d41.1	All	All
Operating System	Juniper	Junos	12.2x50	d42.1	All	All
Operating System	Juniper	Junos	12.2x50	d56.1	All	All
Operating System	Juniper	Junos	13.1x50	d10	All	All
Operating System	Juniper	Junos	13.1x50	d25	All	All
Operating System	Juniper	Junos	13.2x51	d15	All	All
Operating System	Juniper	Junos	13.2x51	d20	All	All
Operating System	Juniper	Junos	13.2x51	d20.2	All	All
Operating System	Juniper	Junos	13.2x51	d21	All	All
Operating System	Juniper	Junos	13.2x52	d10	All	All
Operating System	Juniper	Junos	13.2x52	d5	All	All
Operating System	Juniper	Junos	14.1x53	-	All	All
Hardware	Juniper	Qfx3500	-	All	All	All
Hardware	Juniper	Qfx3500	-	All	All	All
Hardware	Juniper	Qfx3600	-	All	All	All
Hardware	Juniper	Qfx3600	-	All	All	All

cpe:2.3:o:juniper:junos:12.2x50:d10:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:12.2x50:d20:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:12.2x50:d41.1:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:12.2x50:d42.1:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:12.2x50:d56.1:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.1x50:d10:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.1x50:d25:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.2x51:d15:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.2x51:d20:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.2x51:d20.2:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.2x51:d21:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.2x52:d10:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.2x52:d5:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:14.1x53:-:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:12.2x50:d10:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:12.2x50:d20:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:12.2x50:d41.1:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:12.2x50:d42.1:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:12.2x50:d56.1:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.1x50:d10:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.1x50:d25:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.2x51:d15:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.2x51:d20:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.2x51:d20.2:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.2x51:d21:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.2x52:d10:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:13.2x52:d5:*:*:*:*:*:*:

cpe:2.3:o:juniper:junos:14.1x53:-:*:*:*:*:*:*:

cpe:2.3:h:juniper:qfx3500:-:*:*:*:*:*:*:*:

cpe:2.3:h:juniper:qfx3500:-:*:*:*:*:*:*:*:

cpe:2.3:h:juniper:qfx3600:-:*:*:*:*:*:*:*:

cpe:2.3:h:juniper:qfx3600:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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CVE.report and Source URL Uptime Status status.cve.report