



CVE-2017-10620

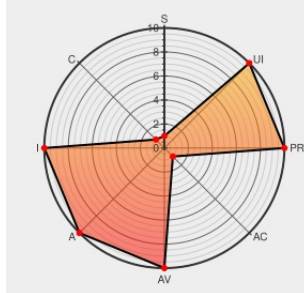
Published on: 10/13/2017 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:28 PM UTC

CVE-2017-10620

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

CVSS:30/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:H/A:H



Certain versions of **Junos** from **Juniper** contain the following vulnerability:

Juniper Networks Junos OS on SRX series devices do not verify the HTTPS server certificate before downloading anti-virus updates. This may allow a man-in-the-middle attacker to inject bogus signatures to cause service disruptions or make the device not detect certain types of attacks. Affected Junos OS releases are: 12.1X46 prior to 12.1X46-D71; 12.3X48 prior to 12.3X48-D55; 15.1X49 prior to 15.1X49-D110;

CVE-2017-10620 has been assigned by [JJ](#) sirt@juniper.net to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [JJ](#) **Juniper Networks - Junos OS** version **12.1X46** prior to **12.3X46-D71**

Affected Vendor/Software: [JJ](#) **Juniper Networks - Junos OS** version **12.3X48** prior to **12.3X48-D55**

Affected Vendor/Software: [JJ](#) **Juniper Networks - Junos OS** version **15.1X49** prior to **15.1X49-D110**

Vulnerability Patch/Work Around

There are no viable workarounds for this issue. It is good security practice to limit the exploitable attack surface of critical infrastructure networking equipment. Use access lists or firewall filters to limit access to the device from trusted, administrative networks or hosts.

CVSS3 Score: **7.4 - HIGH**

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

CVSS2 Score: **5.8 - MEDIUM**

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

CVE References

Description	Tags	Link
2017-10 Security Bulletin: SRX Series: Antivirus updates are downloaded without verification (CVE-2017-10620) - Juniper Networks	Vendor Advisory kb.juniper.net text/html	 CONFIRM kb.juniper.net/JSA10822
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.		

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	12.1x46	All	All	All
Operating System	Juniper	Junos	12.1x46	d10	All	All
Operating System	Juniper	Junos	12.1x46	d15	All	All
Operating System	Juniper	Junos	12.1x46	d20	All	All
Operating System	Juniper	Junos	12.1x46	d25	All	All
Operating System	Juniper	Junos	12.1x46	d30	All	All
Operating System	Juniper	Junos	12.1x46	d35	All	All
Operating System	Juniper	Junos	12.1x46	d40	All	All
Operating System	Juniper	Junos	12.1x46	d45	All	All
Operating System	Juniper	Junos	12.1x46	d50	All	All
Operating System	Juniper	Junos	12.1x46	d55	All	All
Operating System	Juniper	Junos	12.1x46	d60	All	All
Operating System	Juniper	Junos	12.1x46	d65	All	All

System						
Operating System	Juniper	Junos	12.3x48	All	All	All
Operating System	Juniper	Junos	12.3x48	d10	All	All
Operating System	Juniper	Junos	12.3x48	d15	All	All
Operating System	Juniper	Junos	12.3x48	d20	All	All
Operating System	Juniper	Junos	12.3x48	d25	All	All
Operating System	Juniper	Junos	12.3x48	d30	All	All
Operating System	Juniper	Junos	12.3x48	d35	All	All
Operating System	Juniper	Junos	12.3x48	d40	All	All
Operating System	Juniper	Junos	12.3x48	d45	All	All
Operating System	Juniper	Junos	12.3x48	d50	All	All
Operating System	Juniper	Junos	12.3x48	d55	All	All
Operating System	Juniper	Junos	15.1x49	All	All	All
Operating System	Juniper	Junos	15.1x49	d10	All	All
Operating System	Juniper	Junos	15.1x49	d100	All	All
Operating System	Juniper	Junos	15.1x49	d20	All	All
Operating System	Juniper	Junos	15.1x49	d30	All	All
Operating System	Juniper	Junos	15.1x49	d35	All	All
Operating System	Juniper	Junos	15.1x49	d40	All	All
Operating System	Juniper	Junos	15.1x49	d45	All	All
Operating System	Juniper	Junos	15.1x49	d50	All	All
Operating System	Juniper	Junos	15.1x49	d55	All	All
Operating System	Juniper	Junos	15.1x49	d60	All	All
Operating System	Juniper	Junos	15.1x49	d65	All	All

System						
Operating System	Juniper	Junos	15.1x49	d70	All	All
Operating System	Juniper	Junos	15.1x49	d75	All	All
Operating System	Juniper	Junos	15.1x49	d80	All	All
Operating System	Juniper	Junos	15.1x49	d90	All	All
Operating System	Juniper	Junos	12.1x46	All	All	All
Operating System	Juniper	Junos	12.1x46	d10	All	All
Operating System	Juniper	Junos	12.1x46	d15	All	All
Operating System	Juniper	Junos	12.1x46	d20	All	All
Operating System	Juniper	Junos	12.1x46	d25	All	All
Operating System	Juniper	Junos	12.1x46	d30	All	All
Operating System	Juniper	Junos	12.1x46	d35	All	All
Operating System	Juniper	Junos	12.1x46	d40	All	All
Operating System	Juniper	Junos	12.1x46	d45	All	All
Operating System	Juniper	Junos	12.1x46	d50	All	All
Operating System	Juniper	Junos	12.1x46	d55	All	All
Operating System	Juniper	Junos	12.1x46	d60	All	All
Operating System	Juniper	Junos	12.1x46	d65	All	All
Operating System	Juniper	Junos	12.3x48	All	All	All
Operating System	Juniper	Junos	12.3x48	d10	All	All
Operating System	Juniper	Junos	12.3x48	d15	All	All
Operating System	Juniper	Junos	12.3x48	d20	All	All
Operating System	Juniper	Junos	12.3x48	d25	All	All
Operating	Juniper	Junos	12.3x48	d30	All	All

System						
Operating System	Juniper	Junos	12.3x48	d35	All	All
Operating System	Juniper	Junos	12.3x48	d40	All	All
Operating System	Juniper	Junos	12.3x48	d45	All	All
Operating System	Juniper	Junos	12.3x48	d50	All	All
Operating System	Juniper	Junos	12.3x48	d55	All	All
Operating System	Juniper	Junos	15.1x49	All	All	All
Operating System	Juniper	Junos	15.1x49	d10	All	All
Operating System	Juniper	Junos	15.1x49	d100	All	All
Operating System	Juniper	Junos	15.1x49	d20	All	All
Operating System	Juniper	Junos	15.1x49	d30	All	All
Operating System	Juniper	Junos	15.1x49	d35	All	All
Operating System	Juniper	Junos	15.1x49	d40	All	All
Operating System	Juniper	Junos	15.1x49	d45	All	All
Operating System	Juniper	Junos	15.1x49	d50	All	All
Operating System	Juniper	Junos	15.1x49	d55	All	All
Operating System	Juniper	Junos	15.1x49	d60	All	All
Operating System	Juniper	Junos	15.1x49	d65	All	All
Operating System	Juniper	Junos	15.1x49	d70	All	All
Operating System	Juniper	Junos	15.1x49	d75	All	All
Operating System	Juniper	Junos	15.1x49	d80	All	All
Operating System	Juniper	Junos	15.1x49	d90	All	All
Hardware  	Juniper	Srx100	-	All	All	All
Hardware  	Juniper	Srx100	-	All	All	All

Hardware  	Juniper	Srx110	-	All	All	All
Hardware  	Juniper	Srx110	-	All	All	All
Hardware  	Juniper	Srx1400	-	All	All	All
Hardware  	Juniper	Srx1400	-	All	All	All
Hardware  	Juniper	Srx1500	-	All	All	All
Hardware  	Juniper	Srx1500	-	All	All	All
Hardware  	Juniper	Srx210	-	All	All	All
Hardware  	Juniper	Srx210	-	All	All	All
Hardware  	Juniper	Srx220	-	All	All	All
Hardware  	Juniper	Srx220	-	All	All	All
Hardware  	Juniper	Srx240	-	All	All	All
Hardware  	Juniper	Srx240	-	All	All	All
Hardware  	Juniper	Srx300	-	All	All	All
Hardware  	Juniper	Srx300	-	All	All	All
Hardware  	Juniper	Srx320	-	All	All	All
Hardware  	Juniper	Srx320	-	All	All	All
Hardware  	Juniper	Srx340	-	All	All	All
Hardware  	Juniper	Srx340	-	All	All	All
Hardware  	Juniper	Srx3400	-	All	All	All
Hardware  	Juniper	Srx3400	-	All	All	All
Hardware  	Juniper	Srx345	-	All	All	All
Hardware  	Juniper	Srx345	-	All	All	All
Hardware  	Juniper	Srx3600	-	All	All	All
Hardware  	Juniper	Srx3600	-	All	All	All
Hardware  	Juniper	Srx4100	-	All	All	All
Hardware  	Juniper	Srx4100	-	All	All	All
Hardware  	Juniper	Srx4200	-	All	All	All
Hardware  	Juniper	Srx4200	-	All	All	All
Hardware  	Juniper	Srx5400	-	All	All	All
Hardware  	Juniper	Srx5400	-	All	All	All
Hardware  	Juniper	Srx550	-	All	All	All


```
cpe:2.3:o:juniper:junos:12.3x48:d50:*:*:*:*:*:
```

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```

```
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```
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cpe:2.3:o:juniper:junos:15.1x49:d40:*:*:*:*:*:
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cpe:2.3:o:juniper:junos:15.1x49:d45:*:*:*:*:*:
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cpe:2.3:o:juniper:junos:15.1x49:d50:*:*:*:*:*:
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cpe:2.3:o:juniper:junos:15.1x49:d55:*:*:*:*:*:
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```
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cpe:2.3:o:juniper:junos:12.3x48:d35:****.***:
cpe:2.3:o:juniper:junos:12.3x48:d40:****.***:
cpe:2.3:o:juniper:junos:12.3x48:d45:****.***:
cpe:2.3:o:juniper:junos:12.3x48:d50:****.***:
cpe:2.3:o:juniper:junos:12.3x48:d55:****.***:
cpe:2.3:o:juniper:junos:15.1x49:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d10:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d100:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d20:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d30:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d35:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d40:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d45:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d50:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d55:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d60:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d65:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d70:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d75:****.***:
cpe:2.3:o:juniper:junos:15.1x49:d80:****.***:

cpe:2.3:o:juniper:junos:15.1x49:d90:~::~~::~~::
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cpe:2.3:h:juniper:srx100:~::~~::~~::
cpe:2.3:h:juniper:srx110:~::~~::~~::
cpe:2.3:h:juniper:srx110:~::~~::~~::
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cpe:2.3:h:juniper:srx1400:~::~~::~~::
cpe:2.3:h:juniper:srx1500:~::~~::~~::
cpe:2.3:h:juniper:srx1500:~::~~::~~::
cpe:2.3:h:juniper:srx210:~::~~::~~::
cpe:2.3:h:juniper:srx210:~::~~::~~::
cpe:2.3:h:juniper:srx220:~::~~::~~::
cpe:2.3:h:juniper:srx220:~::~~::~~::
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cpe:2.3:h:juniper:srx240:~::~~::~~::
cpe:2.3:h:juniper:srx300:~::~~::~~::
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cpe:2.3:h:juniper:srx320:~::~~::~~::
cpe:2.3:h:juniper:srx340:~::~~::~~::
cpe:2.3:h:juniper:srx340:~::~~::~~::
cpe:2.3:h:juniper:srx3400:~::~~::~~::
cpe:2.3:h:juniper:srx3400:~::~~::~~::
cpe:2.3:h:juniper:srx345:~::~~::~~::
cpe:2.3:h:juniper:srx345:~::~~::~~::
cpe:2.3:h:juniper:srx3600:~::~~::~~::
cpe:2.3:h:juniper:srx3600:~::~~::~~::
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cpe:2.3:h:juniper:srx4100:~::~~::~~::

