



CVE-2017-10610

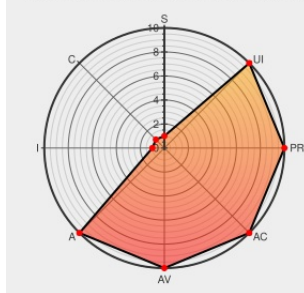
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CVE-2017-10610

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

CVSS:30/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 SRX Series devices, a crafted ICMP packet embedded within a NAT64 IPv6 to IPv4 tunnel may cause the flowd process to crash. Repeated crashes of the flowd process constitutes an extended denial of service condition for the SRX Series device. This issue only occurs if NAT64 is configured. Affected releases are Juniper Networks Junos

OS 12.1X46 prior to 12.1X46-D71, 12.3X48 prior to 12.3X48-D55, 15.1X49 prior to 15.1X49-D100 on SRX Series. No other Juniper Networks products or platforms are affected by this issue.

CVE-2017-10610 has been assigned by [JJ](#) sirt@juniper.net to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [JJ](#) **Juniper Networks** - **Junos OS** version **12.1X46** prior to **12.1X46-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-D100**

Vulnerability Patch/Work Around

No viable workaround exists for this issue.

CVSS3 Score: **5.9 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

Access

Access

Authentication

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

CVE References

Description	Tags	Link
2017-10 Security Bulletin: SRX Series: Embedded ICMP may cause the flowd process to crash (CVE-2017-10610) - Juniper Networks	Vendor Advisory kb.juniper.net text/html	 CONFIRM kb.juniper.net/JSA10813
Configuring Stateful NAT64 - Technical Documentation - Support - Juniper Networks	Vendor Advisory www.juniper.net text/xml	 MISC www.juniper.net/documentation/en_US/junos/topics/task/configuration/nat-stateful-nat64-configuring.html

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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	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	12.3x48	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	15.1x49	d10	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
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	12.3x48	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	15.1x49	d10	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	Srx Series	-	All	All	All
Hardware 	Juniper	Srx Series	-	All	All	All
cpe:2.3:o:juniper:junos:12.1x46:*****:~:						
cpe:2.3:o:juniper:junos:12.1x46:d10:*****:~:						
cpe:2.3:o:juniper:junos:12.1x46:d15:*****:~:						
cpe:2.3:o:juniper:junos:12.1x46:d20:*****:~:						
cpe:2.3:o:juniper:junos:12.1x46:d25:*****:~:						
cpe:2.3:o:juniper:junos:12.1x46:d30:*****:~:						
cpe:2.3:o:juniper:junos:12.1x46:d35:*****:~:						
cpe:2.3:o:juniper:junos:12.1x46:d40:*****:~:						
cpe:2.3:o:juniper:junos:12.1x46:d45:*****:~:						
cpe:2.3:o:juniper:junos:12.1x46:d50:*****:~:						
cpe:2.3:o:juniper:junos:12.1x46:d55:*****:~:						
cpe:2.3:o:juniper:junos:12.3x48:d10:*****:~:						

cpe:2.3:o:juniper:junos:12.3x48:d15:~::~~::~~::
cpe:2.3:o:juniper:junos:12.3x48:d20:~::~~::~~::
cpe:2.3:o:juniper:junos:12.3x48:d25:~::~~::~~::
cpe:2.3:o:juniper:junos:12.3x48:d30:~::~~::~~::
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:15.1x49:d10:~::~~::~~::
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:~::~~::~~::
cpe:2.3:o:juniper:junos:12.1x46:~::~~::~~::
cpe:2.3:o:juniper:junos:12.1x46:d10:~::~~::~~::
cpe:2.3:o:juniper:junos:12.1x46:d15:~::~~::~~::
cpe:2.3:o:juniper:junos:12.1x46:d20:~::~~::~~::
cpe:2.3:o:juniper:junos:12.1x46:d25:~::~~::~~::
cpe:2.3:o:juniper:junos:12.1x46:d30:~::~~::~~::

cpe:2.3:o:juniper:junos:12.1x46:d35:~::~~::~~::~~::~::~::
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cpe:2.3:o:juniper:junos:12.3x48:d10:~::~~::~~::~~::~::~::
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cpe:2.3:o:juniper:junos:12.3x48:d35:~::~~::~~::~~::~::~::
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cpe:2.3:o:juniper:junos:12.3x48:d50:~::~~::~~::~~::~::~::
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cpe:2.3:o:juniper:junos:15.1x49:d20:~::~~::~~::~~::~::~::
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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:~::~~::~~::~~::~::~::
cpe:2.3:h:juniper:srx_series:-~::~~::~~::~~::~::~::

cpe:2.3:h:juniper:srx_series:-:*****:

← Previous ID

Next ID→

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