



CVE-2017-10608

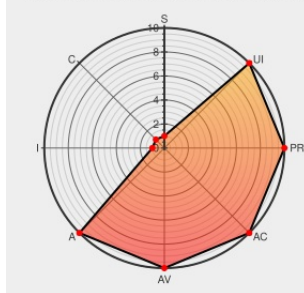
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CVE-2017-10608

[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:

Any Juniper Networks SRX series device with one or more ALGs enabled may experience a flowd crash when traffic is processed by the Sun/MS-RPC ALGs. This vulnerability in the Sun/MS-RPC ALG services component of Junos OS allows an attacker to cause a repeated denial of service against the target. Repeated traffic in a

cluster may cause repeated flip-flop failure operations or full failure to the flowd daemon halting traffic on all nodes. Only IPv6 traffic is affected by this issue. IPv4 traffic is unaffected. This issues is not seen with to-host traffic. This issue has no relation with HA services themselves, only the ALG service. No other Juniper Networks products or platforms are affected by this issue. Affected releases are Juniper Networks Junos OS 12.1X46 prior to 12.1X46-D55 on SRX; 12.1X47 prior to 12.1X47-D45 on SRX; 12.3X48 prior to 12.3X48-D32, 12.3X48-D35 on SRX; 15.1X49 prior to 15.1X49-D60 on SRX.

CVE-2017-10608 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 **12.1X46-D55**

Affected Vendor/Software: [JJ](#) **Juniper Networks** - **Junos OS** version **12.3X48** prior to **12.3X48-D32**, **12.3X48-D35**

Affected Vendor/Software: [JJ](#) **Juniper Networks** - **Junos OS** version **15.1X49** prior to **15.1X49-D60**

Vulnerability Patch/Work Around

Disable Sun/MS-RPC ALGs on the SRX Series device. Disable IPv6 on the device. example: deactivate interfaces xe-0/0/0 unit 0 family inet6 address 2000::254/64 Filtering incoming IPv6, or Sun/MS-RPC from the device is also an option. example: set interfaces xe-0/0/0 unit 0 family inet6 filter input TEST ==> apply to interface set firewall family inet6 filter TEST term t1 from destination-port 135 set firewall family inet6 filter TEST term t1 then discard

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
2017-10 Security Bulletin: SRX Series: SRX Series using IPv6 Sun/MS-RPC ALGs may experience flowd crash on processing packets. (CVE-2017-10608) - Juniper Networks	Vendor Advisory kb.juniper.net text/html	 CONFIRM kb.juniper.net/JSA10811
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	12.1x47	All	All	All
Operating System	Juniper	Junos	12.1x47	d10	All	All
Operating System	Juniper	Junos	12.1x47	d15	All	All
Operating System	Juniper	Junos	12.1x47	d20	All	All
Operating System	Juniper	Junos	12.1x47	d25	All	All
Operating System	Juniper	Junos	12.1x47	d30	All	All
Operating System	Juniper	Junos	12.1x47	d35	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 System	Juniper	Junos	12.3x48	d30	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	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	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	12.1x47	All	All	All
Operating System	Juniper	Junos	12.1x47	d10	All	All
Operating System	Juniper	Junos	12.1x47	d15	All	All
Operating System	Juniper	Junos	12.1x47	d20	All	All
Operating System	Juniper	Junos	12.1x47	d25	All	All
Operating System	Juniper	Junos	12.1x47	d30	All	All
Operating System	Juniper	Junos	12.1x47	d35	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 System	Juniper	Junos	12.3x48	d30	All	All

System						
Operating System	Juniper	Junos	15.1x49	All	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
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	Srx220	-	All	All	All
Hardware  	Juniper	Srx220	-	All	All	All
Hardware  	Juniper	Srx300	-	All	All	All
Hardware  	Juniper	Srx300	-	All	All	All
Hardware  	Juniper	Srx3400	-	All	All	All
Hardware  	Juniper	Srx3400	-	All	All	All
Hardware  	Juniper	Srx3600	-	All	All	All
Hardware  	Juniper	Srx3600	-	All	All	All
Hardware  	Juniper	Srx4000	-	All	All	All
Hardware  	Juniper	Srx4000	-	All	All	All
Hardware  	Juniper	Srx5400	-	All	All	All
Hardware  	Juniper	Srx5400	-	All	All	All
Hardware  	Juniper	Srx550	-	All	All	All

Hardware		Juniper	Srx550	-	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: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:12.1x47:****:****:							
cpe:2.3:o:juniper:junos:12.1x47:d10:****:****:							
cpe:2.3:o:juniper:junos:12.1x47:d15:****:****:							
cpe:2.3:o:juniper:junos:12.1x47:d20:****:****:							
cpe:2.3:o:juniper:junos:12.1x47:d25:****:****:							
cpe:2.3:o:juniper:junos:12.1x47:d30:****:****:							
cpe:2.3:o:juniper:junos:12.1x47:d35:****:****:							
cpe:2.3:o:juniper:junos:12.3x48:****:****:							
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:15.1x49:*:*:*:*:*:
```

```
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:*:*:*:*:*:
```

```
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```

```
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```

```
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```

```
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```
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```

```
cpe:2.3:o:juniper:junos:12.1x46:d15:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x46:d20:*:*:*:*:*:
```

```
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```

```
cpe:2.3:o:juniper:junos:12.1x46:d30:*:*:*:*:*:
```

```
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```

```
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```

```
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```

```
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```

```
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```

```
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```

```
cpe:2.3:o:juniper:junos:12.1x47:d15:*:*:*:*:*:
```

```
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```

```
cpe:2.3:o:juniper:junos:12.1x47:d25:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x47:d30:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x47:d35:*:*:*:*:*:
```

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

```
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:15.1x49:~::~:
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:h:juniper:srx110:~::~:
cpe:2.3:h:juniper:srx110:~::~:
cpe:2.3:h:juniper:srx1400:~::~:
cpe:2.3:h:juniper:srx1400:~::~:
cpe:2.3:h:juniper:srx1500:~::~:
cpe:2.3:h:juniper:srx1500:~::~:
cpe:2.3:h:juniper:srx220:~::~:
cpe:2.3:h:juniper:srx220:~::~:
cpe:2.3:h:juniper:srx300:~::~:
cpe:2.3:h:juniper:srx300:~::~:
cpe:2.3:h:juniper:srx3400:~::~:
cpe:2.3:h:juniper:srx3400:~::~:
cpe:2.3:h:juniper:srx3600:~::~:
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cpe:2.3:h:juniper:srx4000:~::~:
cpe:2.3:h:juniper:srx4000:~::~:

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