



# CVE-2018-0003

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2018-0003
<b>State</b>	PUBLIC
<b>Assigner</b>	sirt@juniper.net
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-01-10 22:29:00 UTC
<b>Updated</b>	2019-10-03 00:03:00 UTC
<b>Description</b>	A specially crafted MPLS packet received or processed by the system, on an interface configured with MPLS, will store info

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	All	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d10	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d15	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d20	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d25	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d30	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d35	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d40	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d45	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d50	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d55	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d60	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d65	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d70	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r10	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r2	All	All

Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r5	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r6	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r7	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r8	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r9	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	All	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d10	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d15	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d20	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d25	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d30	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d35	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d40	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d45	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d50	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r5	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r6	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r7	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r9	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d10	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d107	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d15	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d16	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d25	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d26	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d27	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d30	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d35	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.2	r1	All	All



Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d33	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d34	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1	r4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1	r5	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1x65	d20	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1x65	d30	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.2	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.2	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.1	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.1	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.2	All	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.2	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.2x75	All	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	All	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d10	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d15	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d20	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d25	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d30	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d35	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d40	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d45	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d50	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d55	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d60	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d65	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d70	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r10	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r5	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r6	All	All

Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r7	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r8	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3	r9	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	All	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d10	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d15	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d20	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d25	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d30	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d35	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d40	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d45	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d50	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r5	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r6	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r7	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1	r9	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d10	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d107	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d15	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d16	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d25	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d26	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d27	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d30	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.1x53	d35	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.2	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.2	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.2	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.2	r4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.2	r7	All	All

Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	14.2	r8	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f6-s8	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r5-s6	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r6-s3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r7	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	All	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d10	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d20	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d30	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d35	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d40	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d45	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d50	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d55	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d60	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d65	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d70	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d75	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d80	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d90	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d10	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d20	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d21	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d231	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d25	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d30	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d32	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d33	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d34	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1	r3	All	All

Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1	r4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1	r5	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1x65	d20	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1x65	d30	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.2	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.2	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.1	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.1	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.2	All	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.2	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.2x75	All	All	All

## References

Reference	Source
Juniper Junos MPLS Packet Processing Bug Lets Remote Users Cause the Target System to Crash - SecurityTracker	SECTRACK
Juniper Junos CVE-2018-0003 Denial of Service Vulnerability	BID
2018-01 Security Bulletin: Junos OS: A crafted MPLS packet may lead to a kernel crash (CVE-2018-0003) - Juniper Networks	CONFIRM
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**Free CVE JSON API** [cve.report/api](#)

**CVE.report and Source URL Uptime Status** [status.cve.report](#)