



# CVE-2019-0013

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## Summary

<b>CVE</b>	CVE-2019-0013
<b>State</b>	PUBLIC
<b>Assigner</b>	sirt@juniper.net
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-01-15 21:29:00 UTC
<b>Updated</b>	2019-10-09 23:43:00 UTC
<b>Description</b>	The routing protocol daemon (RPD) process will crash and restart when a specific invalid IPv4 PIM Join packet is received.

## Risk And Classification

### Problem Types: CWE-19

## 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	d66	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d67	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d71	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d76	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	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>	12.3x48	d51	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d55	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d60	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d66	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d70	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d75	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	All	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f6	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r5	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r6	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	d100	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d110	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d120	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d130	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d140	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	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	d210	All	All
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Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d231	All	All
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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
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Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d40	All	All
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Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d62	All	All
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Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d70	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	r3-s10	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>	16.1	r5-s4	All	All
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Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1	r6-s1	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	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.2	r2-s5	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	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.2	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.2	r1-s7	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>	17.3	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.3	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.3	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.4	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.4	r2-s2	All	All
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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
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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	d66	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d67	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d71	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.1x46	d76	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	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>	12.3x48	d51	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d55	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d60	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d66	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d70	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	12.3x48	d75	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	All	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	f6	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r5	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1	r6	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	d100	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d110	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d120	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d130	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x49	d140	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	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	d210	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d230	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	d232	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>	15.1x53	d40	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d45	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d56	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d60	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d61	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d62	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d63	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d64	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d65	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d66	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	15.1x53	d70	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	r3-s10	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>	16.1	r5-s4	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1	r6	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1	r6-s1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.1	r7	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	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	16.2	r2-s5	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	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.2	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.2	r1-s7	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>	17.3	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.3	r2	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.3	r3	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.4	r1	All	All
Operating System	<a href="#">Juniper</a>	<a href="#">Junos</a>	17.4	r2-s2	All	All

## References

Reference	Source
2019-01 Security Bulletin: Junos OS: RPD crash upon receipt of malformed PIM packet (CVE-2019-0013) - Juniper Networks	CONFIRM
Juniper Junos CVE-2019-0013 Denial of Service Vulnerability	BID
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.

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