



CVE-2016-1277

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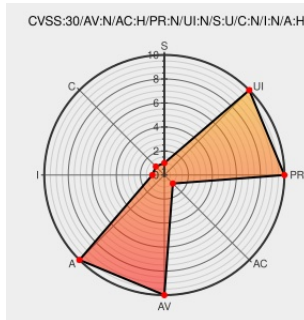
CVE-2016-1277

[Source: Mitre](#)

[Source: NIST](#)

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Certain versions of [Junos](#) from [Juniper](#) contain the following vulnerability:

Juniper Junos OS before 12.1X46-D50, 12.1X47 before 12.1X47-D40, 12.3X48 before 12.3X48-D30, 13.3 before 13.3R9, 14.1 before 14.1R8, 14.1X53 before 14.1X53-D40, 14.2 before 14.2R6, 15.1 before 15.1F6 or 15.1R3, and 15.1X49 before 15.1X49-D40, when configured with a GRE or IPsec tunnel, allow remote attackers to cause a denial of service (kernel panic) via a crafted ICMP packet.

CVE-2016-1277 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

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: **7.1 - HIGH**

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

CVE References

Description	Tags	Link
Juniper Junos ICMP Processing Bug Lets Remote Users Cause the Target System to Crash - SecurityTracker	www.securitytracker.com text/html	SECTrack 1036306

Juniper Networks - 2016-07 Security Bulletin: Junos: Kernel crash with crafted ICMP packet (CVE-2016-1277) - Knowledge Base

Mitigation

Vendor Advisory

kb.juniper.net

text/html

 **CONFIRM**
[kb.juniper.net/InfoCenter/index?
page=content&id=JSA10752](https://kb.juniper.net/InfoCenter/index?page=content&id=JSA10752)

Juniper Junos CVE-2016-1277 Denial of Service Vulnerability

cve.report (archive)

text/html

 **BID 91755**

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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	12.1x47	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	d10	All	All
Operating System	Juniper	Junos	12.3x48	d15	All	All
Operating System	Juniper	Junos	12.3x48	d25	All	All
Operating System	Juniper	Junos	13.3	All	All	All
Operating System	Juniper	Junos	13.3	r1	All	All
Operating System	Juniper	Junos	13.3	r2	All	All
Operating System	Juniper	Junos	13.3	r2-s2	All	All
Operating System	Juniper	Junos	13.3	r3	All	All

Operating System	Juniper	Junos	13.3	r4	All	All
Operating System	Juniper	Junos	13.3	r5	All	All
Operating System	Juniper	Junos	13.3	r6	All	All
Operating System	Juniper	Junos	13.3	r7	All	All
Operating System	Juniper	Junos	13.3	r8	All	All
Operating System	Juniper	Junos	14.1	All	All	All
Operating System	Juniper	Junos	14.1	r1	All	All
Operating System	Juniper	Junos	14.1	r2	All	All
Operating System	Juniper	Junos	14.1	r3	All	All
Operating System	Juniper	Junos	14.1	r4	All	All
Operating System	Juniper	Junos	14.1	r5	All	All
Operating System	Juniper	Junos	14.1	r6	All	All
Operating System	Juniper	Junos	14.1	r7	All	All
Operating System	Juniper	Junos	14.1x53	All	All	All
Operating System	Juniper	Junos	14.1x53	d10	All	All
Operating System	Juniper	Junos	14.1x53	d15	All	All
Operating System	Juniper	Junos	14.1x53	d16	All	All
Operating System	Juniper	Junos	14.1x53	d25	All	All
Operating System	Juniper	Junos	14.1x53	d26	All	All
Operating System	Juniper	Junos	14.1x53	d27	All	All
Operating System	Juniper	Junos	14.1x53	d30	All	All
Operating System	Juniper	Junos	14.1x53	d35	All	All
Operating System	Juniper	Junos	14.2	r1	All	All

Operating System	Juniper	Junos	14.2	r2	All	All
Operating System	Juniper	Junos	14.2	r3	All	All
Operating System	Juniper	Junos	14.2	r4	All	All
Operating System	Juniper	Junos	14.2	r5	All	All
Operating System	Juniper	Junos	15.1	f2	All	All
Operating System	Juniper	Junos	15.1	f3	All	All
Operating System	Juniper	Junos	15.1	f4	All	All
Operating System	Juniper	Junos	15.1	f5	All	All
Operating System	Juniper	Junos	15.1	r1	All	All
Operating System	Juniper	Junos	15.1	r2	All	All
Operating System	Juniper	Junos	15.1	r3	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	d35	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	d10	All	All
Operating System	Juniper	Junos	12.3x48	d15	All	All

Operating System	Juniper	Junos	12.3x48	d25	All	All
Operating System	Juniper	Junos	13.3	All	All	All
Operating System	Juniper	Junos	13.3	r1	All	All
Operating System	Juniper	Junos	13.3	r2	All	All
Operating System	Juniper	Junos	13.3	r2-s2	All	All
Operating System	Juniper	Junos	13.3	r3	All	All
Operating System	Juniper	Junos	13.3	r4	All	All
Operating System	Juniper	Junos	13.3	r5	All	All
Operating System	Juniper	Junos	13.3	r6	All	All
Operating System	Juniper	Junos	13.3	r7	All	All
Operating System	Juniper	Junos	13.3	r8	All	All
Operating System	Juniper	Junos	14.1	All	All	All
Operating System	Juniper	Junos	14.1	r1	All	All
Operating System	Juniper	Junos	14.1	r2	All	All
Operating System	Juniper	Junos	14.1	r3	All	All
Operating System	Juniper	Junos	14.1	r4	All	All
Operating System	Juniper	Junos	14.1	r5	All	All
Operating System	Juniper	Junos	14.1	r6	All	All
Operating System	Juniper	Junos	14.1	r7	All	All
Operating System	Juniper	Junos	14.1x53	All	All	All
Operating System	Juniper	Junos	14.1x53	d10	All	All
Operating System	Juniper	Junos	14.1x53	d15	All	All
Operating System	Juniper	Junos	14.1x53	d16	All	All

Operating System	Juniper	Junos	14.1x53	d25	All	All
Operating System	Juniper	Junos	14.1x53	d26	All	All
Operating System	Juniper	Junos	14.1x53	d27	All	All
Operating System	Juniper	Junos	14.1x53	d30	All	All
Operating System	Juniper	Junos	14.1x53	d35	All	All
Operating System	Juniper	Junos	14.2	r1	All	All
Operating System	Juniper	Junos	14.2	r2	All	All
Operating System	Juniper	Junos	14.2	r3	All	All
Operating System	Juniper	Junos	14.2	r4	All	All
Operating System	Juniper	Junos	14.2	r5	All	All
Operating System	Juniper	Junos	15.1	f2	All	All
Operating System	Juniper	Junos	15.1	f3	All	All
Operating System	Juniper	Junos	15.1	f4	All	All
Operating System	Juniper	Junos	15.1	f5	All	All
Operating System	Juniper	Junos	15.1	r1	All	All
Operating System	Juniper	Junos	15.1	r2	All	All
Operating System	Juniper	Junos	15.1	r3	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	d35	All	All
Operating System	Juniper	Junos	All	d45	All	All
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:d10:~::~:
cpe:2.3:o:juniper:junos:12.3x48:d15:~::~:
cpe:2.3:o:juniper:junos:12.3x48:d25:~::~:
cpe:2.3:o:juniper:junos:13.3:~::~:
cpe:2.3:o:juniper:junos:13.3:r1:~::~:
cpe:2.3:o:juniper:junos:13.3:r2:~::~:
cpe:2.3:o:juniper:junos:13.3:r2-s2:~::~:
cpe:2.3:o:juniper:junos:13.3:r3:~::~:
cpe:2.3:o:juniper:junos:13.3:r4:~::~:
cpe:2.3:o:juniper:junos:13.3:r5:~::~:
cpe:2.3:o:juniper:junos:13.3:r6:~::~:
cpe:2.3:o:juniper:junos:13.3:r7:~::~:
cpe:2.3:o:juniper:junos:13.3:r8:~::~:
cpe:2.3:o:juniper:junos:14.1:~::~:
cpe:2.3:o:juniper:junos:14.1:r1:~::~:
cpe:2.3:o:juniper:junos:14.1:r2:~::~:
cpe:2.3:o:juniper:junos:14.1:r3:~::~:
cpe:2.3:o:juniper:junos:14.1:r4:~::~:
cpe:2.3:o:juniper:junos:14.1:r5:~::~:
cpe:2.3:o:juniper:junos:14.1:r6:~::~:
cpe:2.3:o:juniper:junos:14.1:r7:~::~:
cpe:2.3:o:juniper:junos:14.1x53:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d10:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d15:~::~:

cpe:2.3:o:juniper:junos:14.1x53:d16:****:
cpe:2.3:o:juniper:junos:14.1x53:d25:****:
cpe:2.3:o:juniper:junos:14.1x53:d26:****:
cpe:2.3:o:juniper:junos:14.1x53:d27:****:
cpe:2.3:o:juniper:junos:14.1x53:d30:****:
cpe:2.3:o:juniper:junos:14.1x53:d35:****:
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cpe:2.3:o:juniper:junos:15.1:f3:****:
cpe:2.3:o:juniper:junos:15.1:f4:****:
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cpe:2.3:o:juniper:junos:15.1:r2:****:
cpe:2.3:o:juniper:junos:15.1:r3:****:
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:d35:****:
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:d10:****:
cpe:2.3:o:juniper:junos:12.3x48:d15:****:
cpe:2.3:o:juniper:junos:12.3x48:d25:****:
cpe:2.3:o:juniper:junos:13.3:****:
cpe:2.3:o:juniper:junos:13.3:r1:****:
cpe:2.3:o:juniper:junos:13.3:r2:****:
cpe:2.3:o:juniper:junos:13.3:r2-s2:****:
cpe:2.3:o:juniper:junos:13.3:r3:****:
cpe:2.3:o:juniper:junos:13.3:r4:****:
cpe:2.3:o:juniper:junos:13.3:r5:****:
cpe:2.3:o:juniper:junos:13.3:r6:****:
cpe:2.3:o:juniper:junos:13.3:r7:****:
cpe:2.3:o:juniper:junos:13.3:r8:****:
cpe:2.3:o:juniper:junos:14.1:****:
cpe:2.3:o:juniper:junos:14.1:r1:****:
cpe:2.3:o:juniper:junos:14.1:r2:****:
cpe:2.3:o:juniper:junos:14.1:r3:****:
cpe:2.3:o:juniper:junos:14.1:r4:****:
cpe:2.3:o:juniper:junos:14.1:r5:****:
cpe:2.3:o:juniper:junos:14.1:r6:****:
cpe:2.3:o:juniper:junos:14.1:r7:****:
cpe:2.3:o:juniper:junos:14.1x53:****:
cpe:2.3:o:juniper:junos:14.1x53:d10:****:
cpe:2.3:o:juniper:junos:14.1x53:d15:****:
cpe:2.3:o:juniper:junos:14.1x53:d16:****:
cpe:2.3:o:juniper:junos:14.1x53:d25:****:
cpe:2.3:o:juniper:junos:14.1x53:d26:****:
cpe:2.3:o:juniper:junos:14.1x53:d27:****:
cpe:2.3:o:juniper:junos:14.1x53:d28:****:

cpe:2.3:o:juniper:junos:14.1x53:d30:*****:
cpe:2.3:o:juniper:junos:14.1x53:d35:*****:
cpe:2.3:o:juniper:junos:14.2:r1:*****:
cpe:2.3:o:juniper:junos:14.2:r2:*****:
cpe:2.3:o:juniper:junos:14.2:r3:*****:
cpe:2.3:o:juniper:junos:14.2:r4:*****:
cpe:2.3:o:juniper:junos:14.2:r5:*****:
cpe:2.3:o:juniper:junos:15.1:f2:*****:
cpe:2.3:o:juniper:junos:15.1:f3:*****:
cpe:2.3:o:juniper:junos:15.1:f4:*****:
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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:d35:*****:
cpe:2.3:o:juniper:junos:*.d45:*****:

No vendor comments have been submitted for this CVE

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