



CVE-2015-0638

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

Summary

CVE	CVE-2015-0638
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-03-26 10:59:00 UTC
Updated	2015-09-04 18:50:00 UTC
Description	Cisco IOS 12.2, 12.4, 15.0, 15.2, and 15.3, when a VRF interface is configured, allows remote attackers to cause a denial of service (CPU usage) by sending a crafted packet to the VRF interface.

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios	12.2(33)ird1	All	All	All
Operating System	Cisco	ios	12.2(33)ire3	All	All	All
Operating System	Cisco	ios	12.2(33)sxi4b	All	All	All
Operating System	Cisco	ios	12.2(44)sq1	All	All	All
Operating System	Cisco	ios	12.2\33\ird1	All	All	All
Operating System	Cisco	ios	12.2\33\ire3	All	All	All
Operating System	Cisco	ios	12.2\33\sxi4b	All	All	All
Operating System	Cisco	ios	12.2\44\sq1	All	All	All
Operating System	Cisco	ios	12.4(25e)jam1	All	All	All
Operating System	Cisco	ios	12.4(25e)jap1m	All	All	All
Operating System	Cisco	ios	12.4(25e)jaz1	All	All	All
Operating System	Cisco	ios	12.4\25e\jam1	All	All	All
Operating System	Cisco	ios	12.4\25e\jap1m	All	All	All
Operating System	Cisco	ios	12.4\25e\jaz1	All	All	All
Operating System	Cisco	ios	15.0(2)ed1	All	All	All
Operating System	Cisco	ios	15.0\2\ed1	All	All	All
Operating System	Cisco	ios	15.2(1)ex	All	All	All

Operating System	Cisco	los	15.2(2)gc	All	All	All
Operating System	Cisco	los	15.2(2)ja	All	All	All
Operating System	Cisco	los	15.2(2)ja1	All	All	All
Operating System	Cisco	los	15.2(2)jax	All	All	All
Operating System	Cisco	los	15.2(2)jax1	All	All	All
Operating System	Cisco	los	15.2(2)jb	All	All	All
Operating System	Cisco	los	15.2(2)jb1	All	All	All
Operating System	Cisco	los	15.2(2)jb2	All	All	All
Operating System	Cisco	los	15.2(2)jb3	All	All	All
Operating System	Cisco	los	15.2(2)jb4	All	All	All
Operating System	Cisco	los	15.2(2)jn1	All	All	All
Operating System	Cisco	los	15.2(2)jn2	All	All	All
Operating System	Cisco	los	15.2(2)t	All	All	All
Operating System	Cisco	los	15.2(2)t1	All	All	All
Operating System	Cisco	los	15.2(2)t2	All	All	All
Operating System	Cisco	los	15.2(2)t3	All	All	All
Operating System	Cisco	los	15.2(2)t4	All	All	All
Operating System	Cisco	los	15.2(3)t	All	All	All
Operating System	Cisco	los	15.2\1\ex	All	All	All
Operating System	Cisco	los	15.2\2\gc	All	All	All
Operating System	Cisco	los	15.2\2\ja	All	All	All
Operating System	Cisco	los	15.2\2\ja1	All	All	All
Operating System	Cisco	los	15.2\2\jax	All	All	All
Operating System	Cisco	los	15.2\2\jax1	All	All	All
Operating System	Cisco	los	15.2\2\jb	All	All	All
Operating System	Cisco	los	15.2\2\jb1	All	All	All
Operating System	Cisco	los	15.2\2\jb2	All	All	All
Operating System	Cisco	los	15.2\2\jb3	All	All	All
Operating System	Cisco	los	15.2\2\jb4	All	All	All
Operating System	Cisco	los	15.2\2\jn1	All	All	All
Operating System	Cisco	los	15.2\2\jn2	All	All	All
Operating System	Cisco	los	15.2\2\t	All	All	All
Operating System	Cisco	los	15.2\2\t1	All	All	All
Operating System	Cisco	los	15.2\2\t2	All	All	All
Operating System	Cisco	los	15.2\2\t3	All	All	All

Operating System	Cisco	los	15.2\2\t4	All	All	All
Operating System	Cisco	los	15.2\3\t	All	All	All
Operating System	Cisco	los	15.3(2)s2	All	All	All
Operating System	Cisco	los	15.3(3)ja1n	All	All	All
Operating System	Cisco	los	15.3(3)jab1	All	All	All
Operating System	Cisco	los	15.3(3)jn	All	All	All
Operating System	Cisco	los	15.3\2\2s2	All	All	All
Operating System	Cisco	los	15.3\3\3ja1n	All	All	All
Operating System	Cisco	los	15.3\3\3jab1	All	All	All
Operating System	Cisco	los	15.3\3\3jn	All	All	All
Operating System	Cisco	los	12.2\33\ird1	All	All	All
Operating System	Cisco	los	12.2\33\ire3	All	All	All
Operating System	Cisco	los	12.2\33\3sxi4b	All	All	All
Operating System	Cisco	los	12.2\44\sq1	All	All	All
Operating System	Cisco	los	12.4\25e\jam1	All	All	All
Operating System	Cisco	los	12.4\25e\jap1m	All	All	All
Operating System	Cisco	los	12.4\25e\jaz1	All	All	All
Operating System	Cisco	los	15.0\2\ed1	All	All	All
Operating System	Cisco	los	15.2\1\ex	All	All	All
Operating System	Cisco	los	15.2\2\gc	All	All	All
Operating System	Cisco	los	15.2\2\ja	All	All	All
Operating System	Cisco	los	15.2\2\ja1	All	All	All
Operating System	Cisco	los	15.2\2\jax	All	All	All
Operating System	Cisco	los	15.2\2\jax1	All	All	All
Operating System	Cisco	los	15.2\2\jb	All	All	All
Operating System	Cisco	los	15.2\2\jb1	All	All	All
Operating System	Cisco	los	15.2\2\jb2	All	All	All
Operating System	Cisco	los	15.2\2\jb3	All	All	All
Operating System	Cisco	los	15.2\2\jb4	All	All	All
Operating System	Cisco	los	15.2\2\jn1	All	All	All
Operating System	Cisco	los	15.2\2\jn2	All	All	All
Operating System	Cisco	los	15.2\2\t	All	All	All
Operating System	Cisco	los	15.2\2\t1	All	All	All
Operating System	Cisco	los	15.2\2\t2	All	All	All
Operating System	Cisco	los	15.2\2\t3	All	All	All

Operating System	Cisco	ios	15.2\2)t4	All	All	All
Operating System	Cisco	ios	15.2\3)t	All	All	All
Operating System	Cisco	ios	15.3\2)s2	All	All	All
Operating System	Cisco	ios	15.3\3)ja1n	All	All	All
Operating System	Cisco	ios	15.3\3)jab1	All	All	All
Operating System	Cisco	ios	15.3\3)jn	All	All	All

References

Reference	Source	Link
Cisco IOS Software Virtual Routing and Forwarding ICMP Queue Wedge Vulnerability	CISCO	tools.cisco.com
Cisco IOS Virtual Routing and Forwarding Flaw Lets Remote Users Deny Service - SecurityTracker	SECTrack	www.securitytracker.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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