



CVE-2019-12646

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

Summary

CVE	CVE-2019-12646
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-09-25 20:15:00 UTC
Updated	2023-05-22 18:57:00 UTC
Description	A vulnerability in the Network Address Translation (NAT) Session Initiation Protocol (SIP) Application Layer Gateway (ALG)

Risk And Classification

Problem Types: CWE-665

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	1100-4p	-	All	All	All
Hardware	Cisco	1100-4p	-	All	All	All
Hardware	Cisco	1100-8p	-	All	All	All
Hardware	Cisco	1100-8p	-	All	All	All
Hardware	Cisco	1101-4p	-	All	All	All
Hardware	Cisco	1101-4p	-	All	All	All
Hardware	Cisco	1109-2p	-	All	All	All
Hardware	Cisco	1109-2p	-	All	All	All
Hardware	Cisco	1109-4p	-	All	All	All
Hardware	Cisco	1109-4p	-	All	All	All
Hardware	Cisco	1111x-8p	-	All	All	All
Hardware	Cisco	1111x-8p	-	All	All	All
Hardware	Cisco	4221 Integrated Services Router	-	All	All	All
Hardware	Cisco	4331 Integrated Services Router	-	All	All	All
Hardware	Cisco	Csr 1000v	-	All	All	All
Hardware	Cisco	Csr 1000v	-	All	All	All
Hardware	Cisco	Encs 5100	-	All	All	All

Hardware	Cisco	Encs 5100	-	All	All	All
Hardware	Cisco	Encs 5400	-	All	All	All
Hardware	Cisco	Encs 5400	-	All	All	All
Operating System	Cisco	los Xe	15.4(3)s	All	All	All
Operating System	Cisco	los Xe	15.4(3)s	All	All	All
Operating System	Cisco	los Xe	15.5(3)s	All	All	All
Operating System	Cisco	los Xe	15.5(3)s	All	All	All
Operating System	Cisco	los Xe	15.6(1)s	All	All	All
Operating System	Cisco	los Xe	15.6(1)s	All	All	All
Operating System	Cisco	los Xe	16.10.1	All	All	All
Operating System	Cisco	los Xe	16.11.1	All	All	All
Operating System	Cisco	los Xe	16.12.1	All	All	All
Operating System	Cisco	los Xe	16.3.1	All	All	All
Operating System	Cisco	los Xe	16.4.1	All	All	All
Operating System	Cisco	los Xe	16.5.1	All	All	All
Operating System	Cisco	los Xe	16.6.1	All	All	All
Operating System	Cisco	los Xe	16.7.1	All	All	All
Operating System	Cisco	los Xe	16.8.1	All	All	All
Operating System	Cisco	los Xe	16.9.1	All	All	All
Operating System	Cisco	los Xe	15.4(3)s	All	All	All
Operating System	Cisco	los Xe	15.5(3)s	All	All	All
Operating System	Cisco	los Xe	15.6(1)s	All	All	All
Operating System	Cisco	los Xe	16.10.1	All	All	All
Operating System	Cisco	los Xe	16.11.1	All	All	All
Operating System	Cisco	los Xe	16.12.1	All	All	All
Operating System	Cisco	los Xe	16.3.1	All	All	All
Operating System	Cisco	los Xe	16.4.1	All	All	All
Operating System	Cisco	los Xe	16.5.1	All	All	All
Operating System	Cisco	los Xe	16.6.1	All	All	All
Operating System	Cisco	los Xe	16.7.1	All	All	All
Operating System	Cisco	los Xe	16.8.1	All	All	All
Operating System	Cisco	los Xe	16.9.1	All	All	All
Hardware	Cisco	Isrv	-	All	All	All
Hardware	Cisco	Isrv	-	All	All	All
Hardware	Cisco	Isr 4221	-	All	All	All

Hardware	Cisco	Isr 4221	-	All	All	All
Hardware	Cisco	Isr 4331	-	All	All	All
Hardware	Cisco	Isr 4331	-	All	All	All

References

Reference	Source	Link
Cisco IOS XE Software NAT Session Initiation Protocol Application Layer Gateway Denial of Service Vulnerability	CISCO	tools.cisco.c
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.

© 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](https://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.mitre.org/cve). This site includes MITRE data granted under the following [license](https://www.mitre.org/cve).

CVE.report and Source URL Uptime Status status.cve.report