



CVE-2019-16020

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

Summary

CVE	CVE-2019-16020
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-01-26 05:15:00 UTC
Updated	2020-01-29 18:16:00 UTC
Description	Multiple vulnerabilities in the implementation of Border Gateway Protocol (BGP) Ethernet VPN (EVPN) functionality in Cisco

Risk And Classification

Problem Types: CWE-400

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	Asr 9000v	-	All	All	All
Hardware	Cisco	Asr 9000v	-	All	All	All
Hardware	Cisco	Asr 9000v	-	All	All	All
Hardware	Cisco	Asr 9000v	-	All	All	All
Hardware	Cisco	Asr 9001	-	All	All	All
Hardware	Cisco	Asr 9001	-	All	All	All
Hardware	Cisco	Asr 9001	-	All	All	All
Hardware	Cisco	Asr 9001	-	All	All	All
Hardware	Cisco	Asr 9006	-	All	All	All
Hardware	Cisco	Asr 9006	-	All	All	All
Hardware	Cisco	Asr 9006	-	All	All	All
Hardware	Cisco	Asr 9006	-	All	All	All
Hardware	Cisco	Asr 9010	-	All	All	All
Hardware	Cisco	Asr 9010	-	All	All	All
Hardware	Cisco	Asr 9010	-	All	All	All
Hardware	Cisco	Asr 9010	-	All	All	All
Hardware	Cisco	Asr 9901	-	All	All	All

Hardware	Cisco	Asr 9901	-	All	All	All
Hardware	Cisco	Asr 9901	-	All	All	All
Hardware	Cisco	Asr 9901	-	All	All	All
Hardware	Cisco	Asr 9904	-	All	All	All
Hardware	Cisco	Asr 9904	-	All	All	All
Hardware	Cisco	Asr 9904	-	All	All	All
Hardware	Cisco	Asr 9904	-	All	All	All
Hardware	Cisco	Asr 9906	-	All	All	All
Hardware	Cisco	Asr 9906	-	All	All	All
Hardware	Cisco	Asr 9906	-	All	All	All
Hardware	Cisco	Asr 9906	-	All	All	All
Hardware	Cisco	Asr 9910	-	All	All	All
Hardware	Cisco	Asr 9910	-	All	All	All
Hardware	Cisco	Asr 9910	-	All	All	All
Hardware	Cisco	Asr 9910	-	All	All	All
Hardware	Cisco	Asr 9912	-	All	All	All
Hardware	Cisco	Asr 9912	-	All	All	All
Hardware	Cisco	Asr 9912	-	All	All	All
Hardware	Cisco	Asr 9912	-	All	All	All
Hardware	Cisco	Asr 9922	-	All	All	All
Hardware	Cisco	Asr 9922	-	All	All	All
Hardware	Cisco	Asr 9922	-	All	All	All
Hardware	Cisco	Asr 9922	-	All	All	All
Hardware	Cisco	Crs	-	All	All	All
Hardware	Cisco	Crs	-	All	All	All
Operating System	Cisco	ios Xr	6.6.1	All	All	All
Operating System	Cisco	ios Xr	6.6.2	All	All	All
Operating System	Cisco	ios Xr	6.6.25	All	All	All
Operating System	Cisco	ios Xr	7.0.1	All	All	All
Operating System	Cisco	ios Xr	6.6.1	All	All	All
Operating System	Cisco	ios Xr	6.6.2	All	All	All
Operating System	Cisco	ios Xr	6.6.25	All	All	All
Operating System	Cisco	ios Xr	7.0.1	All	All	All
Hardware	Cisco	Ncs 1001	-	All	All	All
Hardware	Cisco	Ncs 1001	-	All	All	All

Hardware	Cisco	Ncs 1002	-	All	All	All
Hardware	Cisco	Ncs 1002	-	All	All	All
Hardware	Cisco	Ncs 1004	-	All	All	All
Hardware	Cisco	Ncs 1004	-	All	All	All
Hardware	Cisco	Ncs 5001	-	All	All	All
Hardware	Cisco	Ncs 5001	-	All	All	All
Hardware	Cisco	Ncs 5002	-	All	All	All
Hardware	Cisco	Ncs 5002	-	All	All	All
Hardware	Cisco	Ncs 540	-	All	All	All
Hardware	Cisco	Ncs 540	-	All	All	All
Hardware	Cisco	Ncs 540l	-	All	All	All
Hardware	Cisco	Ncs 540l	-	All	All	All
Hardware	Cisco	Ncs 5501	-	All	All	All
Hardware	Cisco	Ncs 5501	-	All	All	All
Hardware	Cisco	Ncs 5501-se	-	All	All	All
Hardware	Cisco	Ncs 5501-se	-	All	All	All
Hardware	Cisco	Ncs 5502	-	All	All	All
Hardware	Cisco	Ncs 5502	-	All	All	All
Hardware	Cisco	Ncs 5502-se	-	All	All	All
Hardware	Cisco	Ncs 5502-se	-	All	All	All
Hardware	Cisco	Ncs 5508	-	All	All	All
Hardware	Cisco	Ncs 5508	-	All	All	All
Hardware	Cisco	Ncs 5516	-	All	All	All
Hardware	Cisco	Ncs 5516	-	All	All	All
Hardware	Cisco	Ncs 560	-	All	All	All
Hardware	Cisco	Ncs 560	-	All	All	All
Hardware	Cisco	Ncs 6000	-	All	All	All
Hardware	Cisco	Ncs 6000	-	All	All	All
Hardware	Cisco	Xrv 9000	-	All	All	All
Hardware	Cisco	Xrv 9000	-	All	All	All

References

Reference	Source	Link	Tags
Cisco IOS XR Software BGP EVPN Denial of Service Vulnerabilities	CISCO	tools.cisco.com	Vendor Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

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](#).

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