



CVE-2021-34737

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

Summary

CVE	CVE-2021-34737
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-09-09 05:15:00 UTC
Updated	2023-11-07 03:36:00 UTC
Description	A vulnerability in the DHCP version 4 (DHCPv4) server feature of Cisco IOS XR Software could allow an unauthenticated, r

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	Asr 9000v-v2	-	All	All	All
Hardware	Cisco	Asr 9001	-	All	All	All
Hardware	Cisco	Asr 9006	-	All	All	All
Hardware	Cisco	Asr 9010	-	All	All	All
Hardware	Cisco	Asr 9901	-	All	All	All
Hardware	Cisco	Asr 9902	-	All	All	All
Hardware	Cisco	Asr 9903	-	All	All	All
Hardware	Cisco	Asr 9904	-	All	All	All
Hardware	Cisco	Asr 9906	-	All	All	All
Hardware	Cisco	Asr 9910	-	All	All	All
Hardware	Cisco	Asr 9912	-	All	All	All
Hardware	Cisco	Asr 9922	-	All	All	All
Operating System	Cisco	ios Xr	All	All	All	All
Operating System	Cisco	ios Xr	All	All	All	All
Hardware	Cisco	ios Xrv 9000	-	All	All	All
Hardware	Cisco	Ncs540-12z20g-sys-a	-	All	All	All
Hardware	Cisco	Ncs540-12z20g-sys-d	-	All	All	All

Hardware	Cisco	Ncs540-24z8q2c-m	-	All	All	All
Hardware	Cisco	Ncs540-24z8q2c-sys	-	All	All	All
Hardware	Cisco	Ncs540-28z4c-sys-a	-	All	All	All
Hardware	Cisco	Ncs540-28z4c-sys-d	-	All	All	All
Hardware	Cisco	Ncs540-acc-sys	-	All	All	All
Hardware	Cisco	Ncs540x-12z16g-sys-a	-	All	All	All
Hardware	Cisco	Ncs540x-12z16g-sys-d	-	All	All	All
Hardware	Cisco	Ncs540x-16z4g8q2c-a	-	All	All	All
Hardware	Cisco	Ncs540x-16z4g8q2c-d	-	All	All	All
Hardware	Cisco	Ncs540x-acc-sys	-	All	All	All
Hardware	Cisco	Ncs 5001	-	All	All	All
Hardware	Cisco	Ncs 5002	-	All	All	All
Hardware	Cisco	Ncs 5011	-	All	All	All
Hardware	Cisco	Ncs 5501	-	All	All	All
Hardware	Cisco	Ncs 5501-se	-	All	All	All
Hardware	Cisco	Ncs 5502	-	All	All	All
Hardware	Cisco	Ncs 5502-se	-	All	All	All
Hardware	Cisco	Ncs 5508	-	All	All	All
Hardware	Cisco	Ncs 5516	-	All	All	All
Hardware	Cisco	Ncs 560-4	-	All	All	All
Hardware	Cisco	Ncs 560-7	-	All	All	All

References

Reference	Source	Link	Tags
Cisco IOS XR Software DHCP Version 4 Server Denial of Service Vulnerability	CISCO	tools.cisco.com	
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.

Legacy QID Mappings

[317042](#) Cisco Internetwork Operating System (IOS) XR Software Dynamic Host Configuration Protocol (DHCP) Version 4 Server Denial of Service (DoS) Vulnerability (cisco-sa-iosxr-dhcp-dos-pjPVReLU)

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