



CVE-2022-20821

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2022-20821
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-05-26 14:15:00 UTC
Updated	2023-11-07 03:43:00 UTC
Description	A vulnerability in the health check RPM of Cisco IOS XR Software could allow an unauthenticated, remote attacker to access

Risk And Classification

EPSS: 0.088360000 probability, percentile 0.925020000 (date 2026-04-01)

CISA KEV: Listed on 2022-05-23; due 2022-06-13; ransomware use Unknown

Problem Types: CWE-200

CISA Known Exploited Vulnerability

Vendor	Cisco
Product	IOS XR
Name	Cisco IOS XR Open Port Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2022-20821

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	8201	-	All	All	All
Hardware	Cisco	8202	-	All	All	All
Hardware	Cisco	8208	-	All	All	All
Hardware	Cisco	8212	-	All	All	All
Hardware	Cisco	8218	-	All	All	All
Operating System	Cisco	Ios Xr	-	All	All	All
Hardware	Cisco	Ncs-55a1-24h	-	All	All	All
Hardware	Cisco	Ncs-55a1-24q6h-s	-	All	All	All

Hardware	Cisco	Ncs-55a1-36h-s	-	All	All	All
Hardware	Cisco	Ncs-55a1-36h-se	-	All	All	All
Hardware	Cisco	Ncs-55a1-36h-se-s	-	All	All	All
Hardware	Cisco	Ncs-55a2-mod-hd-s	-	All	All	All
Hardware	Cisco	Ncs-55a2-mod-hx-s	-	All	All	All
Hardware	Cisco	Ncs-55a2-mod-s	-	All	All	All
Hardware	Cisco	Ncs-55a2-mod-se-h-s	-	All	All	All
Hardware	Cisco	Ncs-55a2-mod-se-s	-	All	All	All
Hardware	Cisco	Ncs 1001	-	All	All	All
Hardware	Cisco	Ncs 1002	-	All	All	All
Hardware	Cisco	Ncs 1004	-	All	All	All
Hardware	Cisco	Ncs 5001	-	All	All	All
Hardware	Cisco	Ncs 5002	-	All	All	All
Hardware	Cisco	Ncs 5501-se	-	All	All	All
Hardware	Cisco	Ncs 5502-se	-	All	All	All
Hardware	Cisco	Ncs 5504	-	All	All	All
Hardware	Cisco	Ncs 5508	-	All	All	All
Hardware	Cisco	Ncs 5516	-	All	All	All
Hardware	Cisco	Ncs 55a1	-	All	All	All
Hardware	Cisco	Ncs 55a2	-	All	All	All

References

Reference	Source	Link	Tags
20220520 Cisco IOS XR Software Health Check Open Port Vulnerability	CISCO	tools.cisco.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov	kev

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[317189](#) Cisco Internetwork Operating System (IOS) XR Software Health Check Open Port Vulnerability (cisco-sa-iosxr-redis-ABJyE5xK)

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