



# CVE-2023-20035

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

## Summary

<b>CVE</b>	CVE-2023-20035
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@cisco.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-03-23 17:15:00 UTC
<b>Updated</b>	2023-11-07 04:05:00 UTC
<b>Description</b>	A vulnerability in the CLI of Cisco IOS XE SD-WAN Software could allow an authenticated, local attacker to execute arbitra

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	1100-4g/6g Integrated Services Router	-	All	All	All
Hardware	Cisco	1100-4p Integrated Services Router	-	All	All	All
Hardware	Cisco	1100-8p Integrated Services Router	-	All	All	All
Hardware	Cisco	1100 Integrated Services Router	-	All	All	All
Hardware	Cisco	1101-4p Integrated Services Router	-	All	All	All
Hardware	Cisco	1101 Integrated Services Router	-	All	All	All
Hardware	Cisco	1109-2p Integrated Services Router	-	All	All	All
Hardware	Cisco	1109-4p Integrated Services Router	-	All	All	All
Hardware	Cisco	1109 Integrated Services Router	-	All	All	All
Hardware	Cisco	1120 Integrated Services Router	-	All	All	All
Hardware	Cisco	1131 Integrated Services Router	-	All	All	All
Hardware	Cisco	1160 Integrated Services Router	-	All	All	All
Hardware	Cisco	4221 Integrated Services Router	-	All	All	All
Hardware	Cisco	4321 Integrated Services Router	-	All	All	All
Hardware	Cisco	4331 Integrated Services Router	-	All	All	All
Hardware	Cisco	4351 Integrated Services Router	-	All	All	All
Hardware	Cisco	4431 Integrated Services Router	-	All	All	All

Hardware	Cisco	4451-x Integrated Services Router	-	All	All	All
Hardware	Cisco	4451 Integrated Services Router	-	All	All	All
Hardware	Cisco	4461 Integrated Services Router	-	All	All	All
Hardware	Cisco	Asr 1001-x	-	All	All	All
Hardware	Cisco	Asr 1002-hx	-	All	All	All
Hardware	Cisco	Asr 1006-x	-	All	All	All
Hardware	Cisco	Asr 1009-x	-	All	All	All
Application	Cisco	Catalyst 8000v Edge	-	All	All	All
Hardware	Cisco	Catalyst 8200	-	All	All	All
Hardware	Cisco	Catalyst 8300	-	All	All	All
Hardware	Cisco	Catalyst 8300-1n1s-4t2x	-	All	All	All
Hardware	Cisco	Catalyst 8300-1n1s-6t	-	All	All	All
Hardware	Cisco	Catalyst 8300-2n2s-4t2x	-	All	All	All
Hardware	Cisco	Catalyst 8300-2n2s-6t	-	All	All	All
Hardware	Cisco	Catalyst 8500	-	All	All	All
Hardware	Cisco	Catalyst 8500-4qc	-	All	All	All
Hardware	Cisco	Catalyst 8500I	-	All	All	All
Hardware	Cisco	Catalyst 8510csr	-	All	All	All
Hardware	Cisco	Catalyst 8510msr	-	All	All	All
Hardware	Cisco	Catalyst 8540csr	-	All	All	All
Hardware	Cisco	Catalyst 8540msr	-	All	All	All
Hardware	Cisco	Csr 1000v	-	All	All	All
Operating System	Cisco	ios Xe Sd-wan	-	All	All	All
Hardware	Cisco	Isr 1100	-	All	All	All
Hardware	Cisco	Isr 1100-4g/6g	-	All	All	All
Hardware	Cisco	Isr 1100-4p	-	All	All	All
Hardware	Cisco	Isr 1100-8p	-	All	All	All
Hardware	Cisco	Isr 1101	-	All	All	All
Hardware	Cisco	Isr 1101-4p	-	All	All	All
Hardware	Cisco	Isr 1109	-	All	All	All
Hardware	Cisco	Isr 1109-2p	-	All	All	All
Hardware	Cisco	Isr 1109-4p	-	All	All	All
Hardware	Cisco	Isr 1120	-	All	All	All
Hardware	Cisco	Isr 1131	-	All	All	All
Hardware	Cisco	Isr 1160	-	All	All	All

Hardware	Cisco	Isr 4221	-	All	All	All
Hardware	Cisco	Isr 4321	-	All	All	All
Hardware	Cisco	Isr 4331	-	All	All	All
Hardware	Cisco	Isr 4351	-	All	All	All
Hardware	Cisco	Isr 4431	-	All	All	All
Hardware	Cisco	Isr 4451	-	All	All	All
Hardware	Cisco	Isr 4451-x	-	All	All	All
Hardware	Cisco	Isr 4461	-	All	All	All

## References

Reference	Source	Link	Tags
Cisco IOS XE SD-WAN Software Command Injection Vulnerability	CISCO	<a href="https://sec.cloudapps.cisco.com">sec.cloudapps.cisco.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

**317311** Cisco Internetwork Operating System (IOS) XE SD-WAN Software Command Injection Vulnerability (cisco-sa-ios-xe-sdwan-VQAhejYw)

© 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](https://status.cve.report)