



CVE-2023-20227

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

Summary

CVE	CVE-2023-20227
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-09-27 18:15:00 UTC
Updated	2024-01-25 17:15:00 UTC
Description	A vulnerability in the Layer 2 Tunneling Protocol (L2TP) feature of Cisco IOS XE Software could allow an unauthenticated, i

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	1000 Integrated Services Router	-	All	All	All
Hardware	Cisco	1100-4gltegb Integrated Services Router	-	All	All	All
Hardware	Cisco	1100-4gltena Integrated Services Router	-	All	All	All
Hardware	Cisco	1100-4g Integrated Services Router	-	All	All	All
Hardware	Cisco	1100-6g Integrated Services Router	-	All	All	All
Hardware	Cisco	4221 Integrated Services Router	-	All	All	All
Hardware	Cisco	4321/k9-rf Integrated Services Router	-	All	All	All
Hardware	Cisco	4321/k9-ws Integrated Services Router	-	All	All	All
Hardware	Cisco	4321/k9 Integrated Services Router	-	All	All	All
Hardware	Cisco	4321 Integrated Services Router	-	All	All	All
Hardware	Cisco	4331/k9-rf Integrated Services Router	-	All	All	All
Hardware	Cisco	4331/k9-ws Integrated Services Router	-	All	All	All
Hardware	Cisco	4331/k9 Integrated Services Router	-	All	All	All
Hardware	Cisco	4331 Integrated Services Router	-	All	All	All
Hardware	Cisco	4351/k9-rf Integrated Services Router	-	All	All	All
Hardware	Cisco	4351/k9-ws Integrated Services Router	-	All	All	All
Hardware	Cisco	4351/k9 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 Integrated Services Router	-	All	All	All
Hardware	Cisco	4461 Integrated Services Router	-	All	All	All
Hardware	Cisco	C8200-1n-4t	-	All	All	All
Hardware	Cisco	C8200I-1n-4t	-	All	All	All
Hardware	Cisco	C8500I-8s4x	-	All	All	All
Application	Cisco	Catalyst 8000v Edge	-	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
Application	Cisco	Cloud Services Router 1000v	-	All	All	All
Operating System	Cisco	ios Xe	16.10.1	All	All	All
Operating System	Cisco	ios Xe	16.10.1a	All	All	All
Operating System	Cisco	ios Xe	16.10.1b	All	All	All
Operating System	Cisco	ios Xe	16.10.1c	All	All	All
Operating System	Cisco	ios Xe	16.10.1d	All	All	All
Operating System	Cisco	ios Xe	16.10.1e	All	All	All
Operating System	Cisco	ios Xe	16.10.1f	All	All	All
Operating System	Cisco	ios Xe	16.10.1g	All	All	All
Operating System	Cisco	ios Xe	16.10.1s	All	All	All
Operating System	Cisco	ios Xe	16.10.2	All	All	All
Operating System	Cisco	ios Xe	16.10.3	All	All	All
Operating System	Cisco	ios Xe	16.11.1	All	All	All
Operating System	Cisco	ios Xe	16.11.1a	All	All	All
Operating System	Cisco	ios Xe	16.11.1b	All	All	All
Operating System	Cisco	ios Xe	16.11.1s	All	All	All
Operating System	Cisco	ios Xe	16.11.2	All	All	All
Operating System	Cisco	ios Xe	16.12.1	All	All	All
Operating System	Cisco	ios Xe	16.12.1a	All	All	All
Operating System	Cisco	ios Xe	16.12.1c	All	All	All
Operating System	Cisco	ios Xe	16.12.1s	All	All	All
Operating System	Cisco	ios Xe	16.12.1t	All	All	All
Operating System	Cisco	ios Xe	16.12.1w	All	All	All

Operating System	Cisco	ios Xe	16.12.1x	All	All	All
Operating System	Cisco	ios Xe	16.12.1y	All	All	All
Operating System	Cisco	ios Xe	16.12.1z1	All	All	All
Operating System	Cisco	ios Xe	16.12.1z2	All	All	All
Operating System	Cisco	ios Xe	16.12.2	All	All	All
Operating System	Cisco	ios Xe	16.12.2a	All	All	All
Operating System	Cisco	ios Xe	16.12.2s	All	All	All
Operating System	Cisco	ios Xe	16.12.3	All	All	All
Operating System	Cisco	ios Xe	16.12.3s	All	All	All
Operating System	Cisco	ios Xe	16.12.4	All	All	All
Operating System	Cisco	ios Xe	16.12.4a	All	All	All
Operating System	Cisco	ios Xe	16.12.5	All	All	All
Operating System	Cisco	ios Xe	16.12.5a	All	All	All
Operating System	Cisco	ios Xe	16.12.6	All	All	All
Operating System	Cisco	ios Xe	16.12.6a	All	All	All
Operating System	Cisco	ios Xe	16.12.7	All	All	All
Operating System	Cisco	ios Xe	16.12.8	All	All	All
Operating System	Cisco	ios Xe	16.8.1	All	All	All
Operating System	Cisco	ios Xe	16.8.1a	All	All	All
Operating System	Cisco	ios Xe	16.8.1b	All	All	All
Operating System	Cisco	ios Xe	16.8.1c	All	All	All
Operating System	Cisco	ios Xe	16.8.1d	All	All	All
Operating System	Cisco	ios Xe	16.8.1e	All	All	All
Operating System	Cisco	ios Xe	16.8.1s	All	All	All
Operating System	Cisco	ios Xe	16.8.2	All	All	All
Operating System	Cisco	ios Xe	16.8.3	All	All	All
Operating System	Cisco	ios Xe	16.9.1	All	All	All
Operating System	Cisco	ios Xe	16.9.1a	All	All	All
Operating System	Cisco	ios Xe	16.9.1b	All	All	All
Operating System	Cisco	ios Xe	16.9.1s	All	All	All
Operating System	Cisco	ios Xe	16.9.2	All	All	All
Operating System	Cisco	ios Xe	16.9.3	All	All	All
Operating System	Cisco	ios Xe	16.9.4	All	All	All
Operating System	Cisco	ios Xe	16.9.5	All	All	All
Operating System	Cisco	ios Xe	16.9.5f	All	All	All

Operating System	Cisco	ios Xe	16.9.6	All	All	All
Operating System	Cisco	ios Xe	16.9.7	All	All	All
Operating System	Cisco	ios Xe	16.9.8	All	All	All
Operating System	Cisco	ios Xe	17.1.1	All	All	All
Operating System	Cisco	ios Xe	17.1.1a	All	All	All
Operating System	Cisco	ios Xe	17.1.1s	All	All	All
Operating System	Cisco	ios Xe	17.1.1t	All	All	All
Operating System	Cisco	ios Xe	17.1.3	All	All	All
Operating System	Cisco	ios Xe	17.2.1	All	All	All
Operating System	Cisco	ios Xe	17.2.1a	All	All	All
Operating System	Cisco	ios Xe	17.2.1r	All	All	All
Operating System	Cisco	ios Xe	17.2.1v	All	All	All
Operating System	Cisco	ios Xe	17.2.2	All	All	All
Operating System	Cisco	ios Xe	17.2.3	All	All	All
Operating System	Cisco	ios Xe	17.3.1	All	All	All
Operating System	Cisco	ios Xe	17.3.1a	All	All	All
Operating System	Cisco	ios Xe	17.3.1w	All	All	All
Operating System	Cisco	ios Xe	17.3.1x	All	All	All
Operating System	Cisco	ios Xe	17.3.1z	All	All	All
Operating System	Cisco	ios Xe	17.3.2	All	All	All
Operating System	Cisco	ios Xe	17.3.2a	All	All	All
Operating System	Cisco	ios Xe	17.3.3	All	All	All
Operating System	Cisco	ios Xe	17.3.4	All	All	All
Operating System	Cisco	ios Xe	17.3.4a	All	All	All
Operating System	Cisco	ios Xe	17.3.4c	All	All	All
Operating System	Cisco	ios Xe	17.3.5	All	All	All
Operating System	Cisco	ios Xe	17.3.5a	All	All	All
Operating System	Cisco	ios Xe	17.3.5b	All	All	All
Operating System	Cisco	ios Xe	17.3.6	All	All	All
Operating System	Cisco	ios Xe	17.3.7	All	All	All
Operating System	Cisco	ios Xe	17.4.1	All	All	All
Operating System	Cisco	ios Xe	17.4.1a	All	All	All
Operating System	Cisco	ios Xe	17.4.1b	All	All	All
Operating System	Cisco	ios Xe	17.4.2	All	All	All
Operating System	Cisco	ios Xe	17.4.2a	All	All	All
Operating System	Cisco	ios Xe	17.5.1	All	All	All

Operating System	Cisco	ios Xe	17.5.1a	All	All	All
Operating System	Cisco	ios Xe	17.5.1b	All	All	All
Operating System	Cisco	ios Xe	17.5.1c	All	All	All
Hardware	Cisco	Vg400-2fxs/2fxo	-	All	All	All
Hardware	Cisco	Vg400-4fxs/4fxo	-	All	All	All
Hardware	Cisco	Vg400-6fxs/6fxo	-	All	All	All
Hardware	Cisco	Vg400-8fxs	-	All	All	All
Hardware	Cisco	Vg420-132fxs/6fxo	-	All	All	All
Hardware	Cisco	Vg420-144fxs	-	All	All	All
Hardware	Cisco	Vg420-84fxs/6fxo	-	All	All	All
Hardware	Cisco	Vg450-144fxs/k9	-	All	All	All
Hardware	Cisco	Vg450-72fxs/k9	-	All	All	All
Hardware	Cisco	Vg450/k9	-	All	All	All

References

Reference	Source	Link	Tags
Cisco IOS XE Software Layer 2 Tunneling Protocol Denial of Service Vulnerability	MISC	sec.cloudapps.cisco.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analy

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[317367](#) Cisco Internetwork Operating System (IOS) XE Software Denial of Service (DoS) Vulnerability (cisco-sa-ios-xe-l2tp-dos-eB5tuFmV)

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