



CVE-2022-20679

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

Summary

CVE	CVE-2022-20679
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-04-15 15:15:00 UTC
Updated	2023-11-07 03:42:00 UTC
Description	A vulnerability in the IPSec decryption routine of Cisco IOS XE Software could allow an unauthenticated, remote attacker to

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	Ios Xe	All	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	16.11.1c	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	16.12.1z	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	16.12.2t	All	All	All
Operating System	Cisco	ios Xe	16.12.3	All	All	All
Operating System	Cisco	ios Xe	16.12.3a	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	16.12.5b	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	16.8.1	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	16.9.1c	All	All	All
Operating System	Cisco	ios Xe	16.9.1d	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	16.9.2a	All	All	All
Operating System	Cisco	ios Xe	16.9.2s	All	All	All
Operating System	Cisco	ios Xe	16.9.3	All	All	All
Operating System	Cisco	ios Xe	16.9.3a	All	All	All
Operating System	Cisco	ios Xe	16.9.3h	All	All	All
Operating System	Cisco	ios Xe	16.9.3s	All	All	All
Operating System	Cisco	ios Xe	16.9.4	All	All	All
Operating System	Cisco	ios Xe	16.9.4c	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	17.1.2	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	17.3.3a	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	17.3.4b	All	All	All
Operating System	Cisco	ios Xe	17.3.4c	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	17.4.1c	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	17.6.1	All	All	All
Operating System	Cisco	ios Xe	17.6.1a	All	All	All
Operating System	Cisco	ios Xe	17.6.1w	All	All	All
Operating System	Cisco	ios Xe	3.15.1xbs	All	All	All
Operating System	Cisco	ios Xe	3.15.2xbs	All	All	All

References

Reference	Source	Link	Tags
20220413 Cisco IOS XE Software IPSec 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

317163 Cisco Internetwork Operating System (IOS) XE Software IPSec Denial of Service (DoS) Vulnerability (cisco-sa-qfp-ipsec-GQmqvtqV)

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