



CVE-2019-1745

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

Summary

CVE	CVE-2019-1745
State	PUBLIC
Assigner	psirt@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-03-28 00:29:00 UTC
Updated	2021-07-13 18:34:00 UTC
Description	A vulnerability in Cisco IOS XE Software could allow an authenticated, local attacker to inject arbitrary commands that are e

Risk And Classification

Problem Types: CWE-78

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	16.1.1	All	All	All
Operating System	Cisco	Ios Xe	16.1.2	All	All	All
Operating System	Cisco	Ios Xe	16.1.3	All	All	All
Operating System	Cisco	Ios Xe	16.2.1	All	All	All
Operating System	Cisco	Ios Xe	16.2.2	All	All	All
Operating System	Cisco	Ios Xe	16.3.1	All	All	All
Operating System	Cisco	Ios Xe	16.3.1a	All	All	All
Operating System	Cisco	Ios Xe	16.3.2	All	All	All
Operating System	Cisco	Ios Xe	16.3.3	All	All	All
Operating System	Cisco	Ios Xe	16.3.4	All	All	All
Operating System	Cisco	Ios Xe	16.3.5	All	All	All
Operating System	Cisco	Ios Xe	16.3.5b	All	All	All
Operating System	Cisco	Ios Xe	16.3.6	All	All	All
Operating System	Cisco	Ios Xe	16.3.7	All	All	All
Operating System	Cisco	Ios Xe	16.4.1	All	All	All
Operating System	Cisco	Ios Xe	16.4.2	All	All	All

Operating System	Cisco	ios Xe	16.4.3	All	All	All
Operating System	Cisco	ios Xe	16.5.1	All	All	All
Operating System	Cisco	ios Xe	16.5.1a	All	All	All
Operating System	Cisco	ios Xe	16.5.1b	All	All	All
Operating System	Cisco	ios Xe	16.5.2	All	All	All
Operating System	Cisco	ios Xe	16.5.3	All	All	All
Operating System	Cisco	ios Xe	16.6.1	All	All	All
Operating System	Cisco	ios Xe	16.6.2	All	All	All
Operating System	Cisco	ios Xe	16.6.3	All	All	All
Operating System	Cisco	ios Xe	16.6.4	All	All	All
Operating System	Cisco	ios Xe	16.6.4a	All	All	All
Operating System	Cisco	ios Xe	16.6.4s	All	All	All
Operating System	Cisco	ios Xe	16.7.1	All	All	All
Operating System	Cisco	ios Xe	16.7.1a	All	All	All
Operating System	Cisco	ios Xe	16.7.1b	All	All	All
Operating System	Cisco	ios Xe	16.7.2	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	16.9.1	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	3.10.0s	All	All	All
Operating System	Cisco	ios Xe	3.10.10s	All	All	All
Operating System	Cisco	ios Xe	3.10.1s	All	All	All

Operating System	Cisco	ios Xe	3.10.2as	All	All	All
Operating System	Cisco	ios Xe	3.10.2s	All	All	All
Operating System	Cisco	ios Xe	3.10.2ts	All	All	All
Operating System	Cisco	ios Xe	3.10.3s	All	All	All
Operating System	Cisco	ios Xe	3.10.4s	All	All	All
Operating System	Cisco	ios Xe	3.10.5s	All	All	All
Operating System	Cisco	ios Xe	3.10.6s	All	All	All
Operating System	Cisco	ios Xe	3.10.7s	All	All	All
Operating System	Cisco	ios Xe	3.10.8as	All	All	All
Operating System	Cisco	ios Xe	3.10.8s	All	All	All
Operating System	Cisco	ios Xe	3.10.9s	All	All	All
Operating System	Cisco	ios Xe	3.11.0s	All	All	All
Operating System	Cisco	ios Xe	3.11.1s	All	All	All
Operating System	Cisco	ios Xe	3.11.2s	All	All	All
Operating System	Cisco	ios Xe	3.11.3s	All	All	All
Operating System	Cisco	ios Xe	3.11.4s	All	All	All
Operating System	Cisco	ios Xe	3.12.0as	All	All	All
Operating System	Cisco	ios Xe	3.12.0s	All	All	All
Operating System	Cisco	ios Xe	3.12.1s	All	All	All
Operating System	Cisco	ios Xe	3.12.2s	All	All	All
Operating System	Cisco	ios Xe	3.12.3s	All	All	All
Operating System	Cisco	ios Xe	3.12.4s	All	All	All
Operating System	Cisco	ios Xe	3.13.0as	All	All	All
Operating System	Cisco	ios Xe	3.13.0s	All	All	All
Operating System	Cisco	ios Xe	3.13.10s	All	All	All
Operating System	Cisco	ios Xe	3.13.1s	All	All	All
Operating System	Cisco	ios Xe	3.13.2as	All	All	All
Operating System	Cisco	ios Xe	3.13.2s	All	All	All
Operating System	Cisco	ios Xe	3.13.3s	All	All	All
Operating System	Cisco	ios Xe	3.13.4s	All	All	All
Operating System	Cisco	ios Xe	3.13.5as	All	All	All
Operating System	Cisco	ios Xe	3.13.5s	All	All	All
Operating System	Cisco	ios Xe	3.13.6as	All	All	All
Operating System	Cisco	ios Xe	3.13.6bs	All	All	All
Operating System	Cisco	ios Xe	3.13.6s	All	All	All
Operating System	Cisco	ios Xe	3.13.7	All	All	All

Operating System	Cisco	ios Xe	3.13./as	All	All	All
Operating System	Cisco	ios Xe	3.13.7s	All	All	All
Operating System	Cisco	ios Xe	3.13.8s	All	All	All
Operating System	Cisco	ios Xe	3.13.9s	All	All	All
Operating System	Cisco	ios Xe	3.14.0s	All	All	All
Operating System	Cisco	ios Xe	3.14.1s	All	All	All
Operating System	Cisco	ios Xe	3.14.2s	All	All	All
Operating System	Cisco	ios Xe	3.14.3s	All	All	All
Operating System	Cisco	ios Xe	3.14.4s	All	All	All
Operating System	Cisco	ios Xe	3.15.0s	All	All	All
Operating System	Cisco	ios Xe	3.15.1cs	All	All	All
Operating System	Cisco	ios Xe	3.15.1s	All	All	All
Operating System	Cisco	ios Xe	3.15.2s	All	All	All
Operating System	Cisco	ios Xe	3.15.3s	All	All	All
Operating System	Cisco	ios Xe	3.15.4s	All	All	All
Operating System	Cisco	ios Xe	3.16.0as	All	All	All
Operating System	Cisco	ios Xe	3.16.0bs	All	All	All
Operating System	Cisco	ios Xe	3.16.0cs	All	All	All
Operating System	Cisco	ios Xe	3.16.0s	All	All	All
Operating System	Cisco	ios Xe	3.16.1as	All	All	All
Operating System	Cisco	ios Xe	3.16.1s	All	All	All
Operating System	Cisco	ios Xe	3.16.2as	All	All	All
Operating System	Cisco	ios Xe	3.16.2bs	All	All	All
Operating System	Cisco	ios Xe	3.16.2s	All	All	All
Operating System	Cisco	ios Xe	3.16.3as	All	All	All
Operating System	Cisco	ios Xe	3.16.3s	All	All	All
Operating System	Cisco	ios Xe	3.16.4as	All	All	All
Operating System	Cisco	ios Xe	3.16.4bs	All	All	All
Operating System	Cisco	ios Xe	3.16.4cs	All	All	All
Operating System	Cisco	ios Xe	3.16.4ds	All	All	All
Operating System	Cisco	ios Xe	3.16.4es	All	All	All
Operating System	Cisco	ios Xe	3.16.4gs	All	All	All
Operating System	Cisco	ios Xe	3.16.4s	All	All	All
Operating System	Cisco	ios Xe	3.16.5as	All	All	All
Operating System	Cisco	ios Xe	3.16.5bs	All	All	All
Operating System	Cisco	ios Xe	3.16.5s	All	All	All

Operating System	Cisco	los Xe	3.16.6bs	All	All	All
Operating System	Cisco	los Xe	3.16.6s	All	All	All
Operating System	Cisco	los Xe	3.16.7as	All	All	All
Operating System	Cisco	los Xe	3.16.7bs	All	All	All
Operating System	Cisco	los Xe	3.16.7s	All	All	All
Operating System	Cisco	los Xe	3.16.8s	All	All	All
Operating System	Cisco	los Xe	3.17.0s	All	All	All
Operating System	Cisco	los Xe	3.17.1as	All	All	All
Operating System	Cisco	los Xe	3.17.1s	All	All	All
Operating System	Cisco	los Xe	3.17.3s	All	All	All
Operating System	Cisco	los Xe	3.17.4s	All	All	All
Operating System	Cisco	los Xe	3.18.0as	All	All	All
Operating System	Cisco	los Xe	3.18.0s	All	All	All
Operating System	Cisco	los Xe	3.18.0sp	All	All	All
Operating System	Cisco	los Xe	3.18.1asp	All	All	All
Operating System	Cisco	los Xe	3.18.1bsp	All	All	All
Operating System	Cisco	los Xe	3.18.1csp	All	All	All
Operating System	Cisco	los Xe	3.18.1gsp	All	All	All
Operating System	Cisco	los Xe	3.18.1hsp	All	All	All
Operating System	Cisco	los Xe	3.18.1isp	All	All	All
Operating System	Cisco	los Xe	3.18.1s	All	All	All
Operating System	Cisco	los Xe	3.18.1sp	All	All	All
Operating System	Cisco	los Xe	3.18.2asp	All	All	All
Operating System	Cisco	los Xe	3.18.2s	All	All	All
Operating System	Cisco	los Xe	3.18.2sp	All	All	All
Operating System	Cisco	los Xe	3.18.3asp	All	All	All
Operating System	Cisco	los Xe	3.18.3bsp	All	All	All
Operating System	Cisco	los Xe	3.18.3s	All	All	All
Operating System	Cisco	los Xe	3.18.3sp	All	All	All
Operating System	Cisco	los Xe	3.18.4s	All	All	All
Operating System	Cisco	los Xe	3.18.4sp	All	All	All
Operating System	Cisco	los Xe	3.18.5sp	All	All	All
Operating System	Cisco	los Xe	3.6.10e	All	All	All
Operating System	Cisco	los Xe	All	All	All	All
Operating System	Cisco	los Xe	16.1.1	All	All	All

Operating System	Cisco	ios Xe	16.1.2	All	All	All
Operating System	Cisco	ios Xe	16.1.3	All	All	All
Operating System	Cisco	ios Xe	16.2.1	All	All	All
Operating System	Cisco	ios Xe	16.2.2	All	All	All
Operating System	Cisco	ios Xe	16.3.1	All	All	All
Operating System	Cisco	ios Xe	16.3.1a	All	All	All
Operating System	Cisco	ios Xe	16.3.2	All	All	All
Operating System	Cisco	ios Xe	16.3.3	All	All	All
Operating System	Cisco	ios Xe	16.3.4	All	All	All
Operating System	Cisco	ios Xe	16.3.5	All	All	All
Operating System	Cisco	ios Xe	16.3.5b	All	All	All
Operating System	Cisco	ios Xe	16.3.6	All	All	All
Operating System	Cisco	ios Xe	16.3.7	All	All	All
Operating System	Cisco	ios Xe	16.4.1	All	All	All
Operating System	Cisco	ios Xe	16.4.2	All	All	All
Operating System	Cisco	ios Xe	16.4.3	All	All	All
Operating System	Cisco	ios Xe	16.5.1	All	All	All
Operating System	Cisco	ios Xe	16.5.1a	All	All	All
Operating System	Cisco	ios Xe	16.5.1b	All	All	All
Operating System	Cisco	ios Xe	16.5.2	All	All	All
Operating System	Cisco	ios Xe	16.5.3	All	All	All
Operating System	Cisco	ios Xe	16.6.1	All	All	All
Operating System	Cisco	ios Xe	16.6.2	All	All	All
Operating System	Cisco	ios Xe	16.6.3	All	All	All
Operating System	Cisco	ios Xe	16.6.4	All	All	All
Operating System	Cisco	ios Xe	16.6.4a	All	All	All
Operating System	Cisco	ios Xe	16.6.4s	All	All	All
Operating System	Cisco	ios Xe	16.7.1	All	All	All
Operating System	Cisco	ios Xe	16.7.1a	All	All	All
Operating System	Cisco	ios Xe	16.7.1b	All	All	All
Operating System	Cisco	ios Xe	16.7.2	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	16.8.1a	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	16.9.1	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	3.10.0s	All	All	All
Operating System	Cisco	ios Xe	3.10.10s	All	All	All
Operating System	Cisco	ios Xe	3.10.1s	All	All	All
Operating System	Cisco	ios Xe	3.10.2as	All	All	All
Operating System	Cisco	ios Xe	3.10.2s	All	All	All
Operating System	Cisco	ios Xe	3.10.2ts	All	All	All
Operating System	Cisco	ios Xe	3.10.3s	All	All	All
Operating System	Cisco	ios Xe	3.10.4s	All	All	All
Operating System	Cisco	ios Xe	3.10.5s	All	All	All
Operating System	Cisco	ios Xe	3.10.6s	All	All	All
Operating System	Cisco	ios Xe	3.10.7s	All	All	All
Operating System	Cisco	ios Xe	3.10.8as	All	All	All
Operating System	Cisco	ios Xe	3.10.8s	All	All	All
Operating System	Cisco	ios Xe	3.10.9s	All	All	All
Operating System	Cisco	ios Xe	3.11.0s	All	All	All
Operating System	Cisco	ios Xe	3.11.1s	All	All	All
Operating System	Cisco	ios Xe	3.11.2s	All	All	All
Operating System	Cisco	ios Xe	3.11.3s	All	All	All
Operating System	Cisco	ios Xe	3.11.4s	All	All	All
Operating System	Cisco	ios Xe	3.12.0as	All	All	All
Operating System	Cisco	ios Xe	3.12.0s	All	All	All
Operating System	Cisco	ios Xe	3.12.1s	All	All	All
Operating System	Cisco	ios Xe	3.12.2s	All	All	All
Operating System	Cisco	ios Xe	3.12.3s	All	All	All

Operating System	Cisco	los Xe	3.12.4s	All	All	All
Operating System	Cisco	los Xe	3.13.0as	All	All	All
Operating System	Cisco	los Xe	3.13.0s	All	All	All
Operating System	Cisco	los Xe	3.13.10s	All	All	All
Operating System	Cisco	los Xe	3.13.1s	All	All	All
Operating System	Cisco	los Xe	3.13.2as	All	All	All
Operating System	Cisco	los Xe	3.13.2s	All	All	All
Operating System	Cisco	los Xe	3.13.3s	All	All	All
Operating System	Cisco	los Xe	3.13.4s	All	All	All
Operating System	Cisco	los Xe	3.13.5as	All	All	All
Operating System	Cisco	los Xe	3.13.5s	All	All	All
Operating System	Cisco	los Xe	3.13.6as	All	All	All
Operating System	Cisco	los Xe	3.13.6bs	All	All	All
Operating System	Cisco	los Xe	3.13.6s	All	All	All
Operating System	Cisco	los Xe	3.13.7as	All	All	All
Operating System	Cisco	los Xe	3.13.7s	All	All	All
Operating System	Cisco	los Xe	3.13.8s	All	All	All
Operating System	Cisco	los Xe	3.13.9s	All	All	All
Operating System	Cisco	los Xe	3.14.0s	All	All	All
Operating System	Cisco	los Xe	3.14.1s	All	All	All
Operating System	Cisco	los Xe	3.14.2s	All	All	All
Operating System	Cisco	los Xe	3.14.3s	All	All	All
Operating System	Cisco	los Xe	3.14.4s	All	All	All
Operating System	Cisco	los Xe	3.15.0s	All	All	All
Operating System	Cisco	los Xe	3.15.1cs	All	All	All
Operating System	Cisco	los Xe	3.15.1s	All	All	All
Operating System	Cisco	los Xe	3.15.2s	All	All	All
Operating System	Cisco	los Xe	3.15.3s	All	All	All
Operating System	Cisco	los Xe	3.15.4s	All	All	All
Operating System	Cisco	los Xe	3.16.0as	All	All	All
Operating System	Cisco	los Xe	3.16.0bs	All	All	All
Operating System	Cisco	los Xe	3.16.0cs	All	All	All
Operating System	Cisco	los Xe	3.16.0s	All	All	All
Operating System	Cisco	los Xe	3.16.1as	All	All	All
Operating System	Cisco	los Xe	3.16.1s	All	All	All

Operating System	Cisco	ios Xe	3.16.2as	All	All	All
Operating System	Cisco	ios Xe	3.16.2bs	All	All	All
Operating System	Cisco	ios Xe	3.16.2s	All	All	All
Operating System	Cisco	ios Xe	3.16.3as	All	All	All
Operating System	Cisco	ios Xe	3.16.3s	All	All	All
Operating System	Cisco	ios Xe	3.16.4as	All	All	All
Operating System	Cisco	ios Xe	3.16.4bs	All	All	All
Operating System	Cisco	ios Xe	3.16.4cs	All	All	All
Operating System	Cisco	ios Xe	3.16.4ds	All	All	All
Operating System	Cisco	ios Xe	3.16.4es	All	All	All
Operating System	Cisco	ios Xe	3.16.4gs	All	All	All
Operating System	Cisco	ios Xe	3.16.4s	All	All	All
Operating System	Cisco	ios Xe	3.16.5as	All	All	All
Operating System	Cisco	ios Xe	3.16.5bs	All	All	All
Operating System	Cisco	ios Xe	3.16.5s	All	All	All
Operating System	Cisco	ios Xe	3.16.6bs	All	All	All
Operating System	Cisco	ios Xe	3.16.6s	All	All	All
Operating System	Cisco	ios Xe	3.16.7as	All	All	All
Operating System	Cisco	ios Xe	3.16.7bs	All	All	All
Operating System	Cisco	ios Xe	3.16.7s	All	All	All
Operating System	Cisco	ios Xe	3.16.8s	All	All	All
Operating System	Cisco	ios Xe	3.17.0s	All	All	All
Operating System	Cisco	ios Xe	3.17.1as	All	All	All
Operating System	Cisco	ios Xe	3.17.1s	All	All	All
Operating System	Cisco	ios Xe	3.17.3s	All	All	All
Operating System	Cisco	ios Xe	3.17.4s	All	All	All
Operating System	Cisco	ios Xe	3.18.0as	All	All	All
Operating System	Cisco	ios Xe	3.18.0s	All	All	All
Operating System	Cisco	ios Xe	3.18.0sp	All	All	All
Operating System	Cisco	ios Xe	3.18.1asp	All	All	All
Operating System	Cisco	ios Xe	3.18.1bsp	All	All	All
Operating System	Cisco	ios Xe	3.18.1csp	All	All	All
Operating System	Cisco	ios Xe	3.18.1gsp	All	All	All
Operating System	Cisco	ios Xe	3.18.1hsp	All	All	All
Operating System	Cisco	ios Xe	3.18.1isp	All	All	All
Operating System	Cisco	ios Xe	3.18.1s	All	All	All

Operating System	Cisco	IOS XE	3.18.1s	All	All	All
Operating System	Cisco	ios Xe	3.18.1sp	All	All	All
Operating System	Cisco	ios Xe	3.18.2asp	All	All	All
Operating System	Cisco	ios Xe	3.18.2s	All	All	All
Operating System	Cisco	ios Xe	3.18.2sp	All	All	All
Operating System	Cisco	ios Xe	3.18.3asp	All	All	All
Operating System	Cisco	ios Xe	3.18.3bsp	All	All	All
Operating System	Cisco	ios Xe	3.18.3s	All	All	All
Operating System	Cisco	ios Xe	3.18.3sp	All	All	All
Operating System	Cisco	ios Xe	3.18.4s	All	All	All
Operating System	Cisco	ios Xe	3.18.4sp	All	All	All
Operating System	Cisco	ios Xe	3.18.5sp	All	All	All
Operating System	Cisco	ios Xe	3.6.10e	All	All	All

References			
Reference	Source	Link	Tags
Cisco IOS XE Software CVE-2019-1745 Local Command Injection Vulnerability	BID	www.securityfocus.com	Third Party Advisory
Cisco IOS XE Software Command Injection Vulnerability	CISCO	tools.cisco.com	Patch, Vendor Advis
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.

There are currently no legacy QID mappings associated with this CVE.