



# CVE-2019-1776

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2019-1776
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@cisco.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-05-15 20:29:00 UTC
<b>Updated</b>	2023-03-01 18:38:00 UTC
<b>Description</b>	A vulnerability in the CLI of Cisco NX-OS Software could allow an authenticated, local attacker to execute arbitrary commar

## Risk And Classification

### Problem Types: CWE-78

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Cisco	7000 10-slot	-	All	All	All
Hardware	Cisco	7000 10-slot	-	All	All	All
Hardware	Cisco	7000 18-slot	-	All	All	All
Hardware	Cisco	7000 18-slot	-	All	All	All
Hardware	Cisco	7000 4-slot	-	All	All	All
Hardware	Cisco	7000 4-slot	-	All	All	All
Hardware	Cisco	7000 9-slot	-	All	All	All
Hardware	Cisco	7000 9-slot	-	All	All	All
Hardware	Cisco	7700 10-slot	-	All	All	All
Hardware	Cisco	7700 10-slot	-	All	All	All
Hardware	Cisco	7700 18-slot	-	All	All	All
Hardware	Cisco	7700 18-slot	-	All	All	All
Hardware	Cisco	7700 2-slot	-	All	All	All
Hardware	Cisco	7700 2-slot	-	All	All	All
Hardware	Cisco	7700 6-slot	-	All	All	All
Hardware	Cisco	7700 6-slot	-	All	All	All
Hardware	Cisco	9432pq	-	All	All	All

Hardware	Cisco	9432pq	-	All	All	All
Hardware	Cisco	9536pq	-	All	All	All
Hardware	Cisco	9536pq	-	All	All	All
Hardware	Cisco	9636pq	-	All	All	All
Hardware	Cisco	9636pq	-	All	All	All
Hardware	Cisco	9736pq	-	All	All	All
Hardware	Cisco	9736pq	-	All	All	All
Hardware	Cisco	Mds 9132t	-	All	All	All
Hardware	Cisco	Mds 9132t	-	All	All	All
Hardware	Cisco	Mds 9148s	-	All	All	All
Hardware	Cisco	Mds 9148s	-	All	All	All
Hardware	Cisco	Mds 9148t	-	All	All	All
Hardware	Cisco	Mds 9148t	-	All	All	All
Hardware	Cisco	Mds 9216	-	All	All	All
Hardware	Cisco	Mds 9216	-	All	All	All
Hardware	Cisco	Mds 9216a	-	All	All	All
Hardware	Cisco	Mds 9216a	-	All	All	All
Hardware	Cisco	Mds 9216i	-	All	All	All
Hardware	Cisco	Mds 9216i	-	All	All	All
Hardware	Cisco	Mds 9222i	-	All	All	All
Hardware	Cisco	Mds 9222i	-	All	All	All
Hardware	Cisco	Mds 9250i	-	All	All	All
Hardware	Cisco	Mds 9250i	-	All	All	All
Hardware	Cisco	Mds 9396s	-	All	All	All
Hardware	Cisco	Mds 9396s	-	All	All	All
Hardware	Cisco	Mds 9396t	-	All	All	All
Hardware	Cisco	Mds 9396t	-	All	All	All
Hardware	Cisco	Mds 9506	-	All	All	All
Hardware	Cisco	Mds 9506	-	All	All	All
Hardware	Cisco	Mds 9509	-	All	All	All
Hardware	Cisco	Mds 9509	-	All	All	All
Hardware	Cisco	Mds 9513	-	All	All	All
Hardware	Cisco	Mds 9513	-	All	All	All
Hardware	Cisco	Mds 9706	-	All	All	All
Hardware	Cisco	Mds 9706	-	All	All	All

Hardware	Cisco	Mds 9710	-	All	All	All
Hardware	Cisco	Mds 9710	-	All	All	All
Hardware	Cisco	Mds 9718	-	All	All	All
Hardware	Cisco	Mds 9718	-	All	All	All
Hardware	Cisco	N77-f312ck-26	-	All	All	All
Hardware	Cisco	N77-f312ck-26	-	All	All	All
Hardware	Cisco	N77-f324fq-25	-	All	All	All
Hardware	Cisco	N77-f324fq-25	-	All	All	All
Hardware	Cisco	N77-f348xp-23	-	All	All	All
Hardware	Cisco	N77-f348xp-23	-	All	All	All
Hardware	Cisco	N77-f430cq-36	-	All	All	All
Hardware	Cisco	N77-f430cq-36	-	All	All	All
Hardware	Cisco	N77-m312cq-26l	-	All	All	All
Hardware	Cisco	N77-m312cq-26l	-	All	All	All
Hardware	Cisco	N77-m324fq-25l	-	All	All	All
Hardware	Cisco	N77-m324fq-25l	-	All	All	All
Hardware	Cisco	N77-m348xp-23l	-	All	All	All
Hardware	Cisco	N77-m348xp-23l	-	All	All	All
Hardware	Cisco	N7k-f248xp-25e	-	All	All	All
Hardware	Cisco	N7k-f248xp-25e	-	All	All	All
Hardware	Cisco	N7k-f306ck-25	-	All	All	All
Hardware	Cisco	N7k-f306ck-25	-	All	All	All
Hardware	Cisco	N7k-f312fq-25	-	All	All	All
Hardware	Cisco	N7k-f312fq-25	-	All	All	All
Hardware	Cisco	N7k-m202cf-22l	-	All	All	All
Hardware	Cisco	N7k-m202cf-22l	-	All	All	All
Hardware	Cisco	N7k-m206fq-23l	-	All	All	All
Hardware	Cisco	N7k-m206fq-23l	-	All	All	All
Hardware	Cisco	N7k-m224xp-23l	-	All	All	All
Hardware	Cisco	N7k-m224xp-23l	-	All	All	All
Hardware	Cisco	N7k-m324fq-25l	-	All	All	All
Hardware	Cisco	N7k-m324fq-25l	-	All	All	All
Hardware	Cisco	N7k-m348xp-25l	-	All	All	All
Hardware	Cisco	N7k-m348xp-25l	-	All	All	All
Hardware	Cisco	N9k-c9504-fm-r	-	All	All	All

Hardware	Cisco	N9k-c9504-tm-r	-	All	All	All
Hardware	Cisco	N9k-c9508-fm-r	-	All	All	All
Hardware	Cisco	N9k-c9508-fm-r	-	All	All	All
Hardware	Cisco	N9k-x9432c-s	-	All	All	All
Hardware	Cisco	N9k-x9432c-s	-	All	All	All
Hardware	Cisco	N9k-x9464px	-	All	All	All
Hardware	Cisco	N9k-x9464px	-	All	All	All
Hardware	Cisco	N9k-x9464tx2	-	All	All	All
Hardware	Cisco	N9k-x9464tx2	-	All	All	All
Hardware	Cisco	N9k-x9564px	-	All	All	All
Hardware	Cisco	N9k-x9564px	-	All	All	All
Hardware	Cisco	N9k-x9564tx	-	All	All	All
Hardware	Cisco	N9k-x9564tx	-	All	All	All
Hardware	Cisco	N9k-x96136yc-r	-	All	All	All
Hardware	Cisco	N9k-x96136yc-r	-	All	All	All
Hardware	Cisco	N9k-x9636c-r	-	All	All	All
Hardware	Cisco	N9k-x9636c-r	-	All	All	All
Hardware	Cisco	N9k-x9636c-rx	-	All	All	All
Hardware	Cisco	N9k-x9636c-rx	-	All	All	All
Hardware	Cisco	N9k-x9636q-r	-	All	All	All
Hardware	Cisco	N9k-x9636q-r	-	All	All	All
Hardware	Cisco	N9k-x97160yc-ex	-	All	All	All
Hardware	Cisco	N9k-x97160yc-ex	-	All	All	All
Hardware	Cisco	N9k-x9732c-ex	-	All	All	All
Hardware	Cisco	N9k-x9732c-ex	-	All	All	All
Hardware	Cisco	N9k-x9732c-fx	-	All	All	All
Hardware	Cisco	N9k-x9732c-fx	-	All	All	All
Hardware	Cisco	N9k-x9736c-ex	-	All	All	All
Hardware	Cisco	N9k-x9736c-ex	-	All	All	All
Hardware	Cisco	N9k-x9736c-fx	-	All	All	All
Hardware	Cisco	N9k-x9736c-fx	-	All	All	All
Hardware	Cisco	N9k-x9788tc-fx	-	All	All	All
Hardware	Cisco	N9k-x9788tc-fx	-	All	All	All
Hardware	Cisco	Nexus 3048	-	All	All	All
Hardware	Cisco	Nexus 3048	-	All	All	All
Hardware	Cisco	Nexus 31108pc-v	-	All	All	All

Hardware	Cisco	Nexus 31108pc-v	-	All	All	All
Hardware	Cisco	Nexus 31108tc-v	-	All	All	All
Hardware	Cisco	Nexus 31108tc-v	-	All	All	All
Hardware	Cisco	Nexus 31128pq	-	All	All	All
Hardware	Cisco	Nexus 31128pq	-	All	All	All
Hardware	Cisco	Nexus 3132c-z	-	All	All	All
Hardware	Cisco	Nexus 3132c-z	-	All	All	All
Hardware	Cisco	Nexus 3132q-v	-	All	All	All
Hardware	Cisco	Nexus 3132q-v	-	All	All	All
Hardware	Cisco	Nexus 3132q-x/3132q-xl	-	All	All	All
Hardware	Cisco	Nexus 3132q-x/3132q-xl	-	All	All	All
Hardware	Cisco	Nexus 3132q-x/3132q-xl	-	All	All	All
Hardware	Cisco	Nexus 3164q	-	All	All	All
Hardware	Cisco	Nexus 3164q	-	All	All	All
Hardware	Cisco	Nexus 3172pq/pq-xl	-	All	All	All
Hardware	Cisco	Nexus 3172pq/pq-xl	-	All	All	All
Hardware	Cisco	Nexus 3172pq/pq-xl	-	All	All	All
Hardware	Cisco	Nexus 3172tq-xl	-	All	All	All
Hardware	Cisco	Nexus 3172tq-xl	-	All	All	All
Hardware	Cisco	Nexus 3232c	-	All	All	All
Hardware	Cisco	Nexus 3232c	-	All	All	All
Hardware	Cisco	Nexus 3264c-e	-	All	All	All
Hardware	Cisco	Nexus 3264c-e	-	All	All	All
Hardware	Cisco	Nexus 3264q	-	All	All	All
Hardware	Cisco	Nexus 3264q	-	All	All	All
Hardware	Cisco	Nexus 3408-s	-	All	All	All
Hardware	Cisco	Nexus 3408-s	-	All	All	All
Hardware	Cisco	Nexus 34180yc	-	All	All	All
Hardware	Cisco	Nexus 34180yc	-	All	All	All
Hardware	Cisco	Nexus 3432d-s	-	All	All	All
Hardware	Cisco	Nexus 3432d-s	-	All	All	All
Hardware	Cisco	Nexus 3464c	-	All	All	All
Hardware	Cisco	Nexus 3464c	-	All	All	All
Hardware	Cisco	Nexus 3524-x/xl	-	All	All	All
Hardware	Cisco	Nexus 3524-x/xl	-	All	All	All

Hardware	Cisco	Nexus 3524-x/xl	-	All	All	All
Hardware	Cisco	Nexus 3548-x/xl	-	All	All	All
Hardware	Cisco	Nexus 3548-x/xl	-	All	All	All
Hardware	Cisco	Nexus 3548-x/xl	-	All	All	All
Hardware	Cisco	Nexus 36180yc-r	-	All	All	All
Hardware	Cisco	Nexus 36180yc-r	-	All	All	All
Hardware	Cisco	Nexus 3636c-r	-	All	All	All
Hardware	Cisco	Nexus 3636c-r	-	All	All	All
Hardware	Cisco	Nexus 5010	-	All	All	All
Hardware	Cisco	Nexus 5010	-	All	All	All
Hardware	Cisco	Nexus 5020	-	All	All	All
Hardware	Cisco	Nexus 5020	-	All	All	All
Hardware	Cisco	Nexus 5548p	-	All	All	All
Hardware	Cisco	Nexus 5548p	-	All	All	All
Hardware	Cisco	Nexus 5548up	-	All	All	All
Hardware	Cisco	Nexus 5548up	-	All	All	All
Hardware	Cisco	Nexus 5596t	-	All	All	All
Hardware	Cisco	Nexus 5596t	-	All	All	All
Hardware	Cisco	Nexus 5596up	-	All	All	All
Hardware	Cisco	Nexus 5596up	-	All	All	All
Hardware	Cisco	Nexus 56128p	-	All	All	All
Hardware	Cisco	Nexus 56128p	-	All	All	All
Hardware	Cisco	Nexus 5624q	-	All	All	All
Hardware	Cisco	Nexus 5624q	-	All	All	All
Hardware	Cisco	Nexus 5648q	-	All	All	All
Hardware	Cisco	Nexus 5648q	-	All	All	All
Hardware	Cisco	Nexus 5672up	-	All	All	All
Hardware	Cisco	Nexus 5672up	-	All	All	All
Hardware	Cisco	Nexus 5672up-16g	-	All	All	All
Hardware	Cisco	Nexus 5672up-16g	-	All	All	All
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Hardware	Cisco	Nexus 6001	-	All	All	All
Hardware	Cisco	Nexus 6004	-	All	All	All
Hardware	Cisco	Nexus 6004	-	All	All	All

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Hardware	Cisco	Nexus 7000 Supervisor 1	-	All	All	All
Hardware	Cisco	Nexus 7000 Supervisor 1	-	All	All	All
Hardware	Cisco	Nexus 7000 Supervisor 2	-	All	All	All
Hardware	Cisco	Nexus 7000 Supervisor 2	-	All	All	All
Hardware	Cisco	Nexus 7000 Supervisor 2e	-	All	All	All
Hardware	Cisco	Nexus 7000 Supervisor 2e	-	All	All	All
Hardware	Cisco	Nexus 7700 Supervisor 2e	-	All	All	All
Hardware	Cisco	Nexus 7700 Supervisor 2e	-	All	All	All
Hardware	Cisco	Nexus 7700 Supervisor 3e	-	All	All	All
Hardware	Cisco	Nexus 7700 Supervisor 3e	-	All	All	All
Hardware	Cisco	Nexus 92160yc-x	-	All	All	All
Hardware	Cisco	Nexus 92160yc-x	-	All	All	All
Hardware	Cisco	Nexus 92300yc	-	All	All	All
Hardware	Cisco	Nexus 92300yc	-	All	All	All
Hardware	Cisco	Nexus 93108tc-ex	-	All	All	All
Hardware	Cisco	Nexus 93108tc-ex	-	All	All	All
Hardware	Cisco	Nexus 93108tc-fx	-	All	All	All
Hardware	Cisco	Nexus 93108tc-fx	-	All	All	All
Hardware	Cisco	Nexus 93120tx	-	All	All	All
Hardware	Cisco	Nexus 93120tx	-	All	All	All
Hardware	Cisco	Nexus 9316d-gx	-	All	All	All
Hardware	Cisco	Nexus 9316d-gx	-	All	All	All
Hardware	Cisco	Nexus 93180lc-ex	-	All	All	All
Hardware	Cisco	Nexus 93180lc-ex	-	All	All	All
Hardware	Cisco	Nexus 93180yc-ex	-	All	All	All
Hardware	Cisco	Nexus 93180yc-ex	-	All	All	All
Hardware	Cisco	Nexus 93180yc-fx	-	All	All	All
Hardware	Cisco	Nexus 93180yc-fx	-	All	All	All
Hardware	Cisco	Nexus 93216tc-fx2	-	All	All	All
Hardware	Cisco	Nexus 93216tc-fx2	-	All	All	All
Hardware	Cisco	Nexus 93240yc-fx2	-	All	All	All
Hardware	Cisco	Nexus 93240yc-fx2	-	All	All	All
Hardware	Cisco	Nexus 9332c	-	All	All	All
Hardware	Cisco	Nexus 9332c	-	All	All	All
Hardware	Cisco	Nexus 93360yc-fx2	-	All	All	All

Hardware	Cisco	Nexus 93360yc-fx2	-	All	All	All
Hardware	Cisco	Nexus 9336c-fx2	-	All	All	All
Hardware	Cisco	Nexus 9336c-fx2	-	All	All	All
Hardware	Cisco	Nexus 9348gc-fxp	-	All	All	All
Hardware	Cisco	Nexus 9348gc-fxp	-	All	All	All
Hardware	Cisco	Nexus 93600cd-gx	-	All	All	All
Hardware	Cisco	Nexus 93600cd-gx	-	All	All	All
Hardware	Cisco	Nexus 9364c	-	All	All	All
Hardware	Cisco	Nexus 9364c	-	All	All	All
Hardware	Cisco	Nexus 9500 Supervisor A	-	All	All	All
Hardware	Cisco	Nexus 9500 Supervisor A	-	All	All	All
Hardware	Cisco	Nexus 9500 Supervisor A	-	All	All	All
Hardware	Cisco	Nexus 9500 Supervisor A	-	All	All	All
Hardware	Cisco	Nexus 9500 Supervisor A	-	All	All	All
Hardware	Cisco	Nexus 9500 Supervisor B	-	All	All	All
Hardware	Cisco	Nexus 9500 Supervisor B	-	All	All	All
Hardware	Cisco	Nexus 9500 Supervisor B	-	All	All	All
Hardware	Cisco	Nexus 9500 Supervisor B	-	All	All	All
Hardware	Cisco	Nexus 9500 Supervisor B	-	All	All	All
Hardware	Cisco	Nexus 9504	-	All	All	All
Hardware	Cisco	Nexus 9504	-	All	All	All
Hardware	Cisco	Nexus 9508	-	All	All	All
Hardware	Cisco	Nexus 9508	-	All	All	All
Hardware	Cisco	Nexus 9516	-	All	All	All
Hardware	Cisco	Nexus 9516	-	All	All	All
Operating System	Cisco	Nx-os	All	All	All	All
Operating System	Cisco	Nx-os	All	All	All	All
Hardware	Cisco	Ucs 6248up	-	All	All	All
Hardware	Cisco	Ucs 6248up	-	All	All	All
Hardware	Cisco	Ucs 6296up	-	All	All	All
Hardware	Cisco	Ucs 6296up	-	All	All	All
Hardware	Cisco	Ucs 6324	-	All	All	All
Hardware	Cisco	Ucs 6324	-	All	All	All
Hardware	Cisco	Ucs 6332	-	All	All	All
Hardware	Cisco	Ucs 6332	-	All	All	All

Hardware	Cisco	Ucs 6332-16up	-	All	All	All
Hardware	Cisco	Ucs 6332-16up	-	All	All	All
Hardware	Cisco	X96136yc-r	-	All	All	All
Hardware	Cisco	X96136yc-r	-	All	All	All
Hardware	Cisco	X9636c-r	-	All	All	All
Hardware	Cisco	X9636c-r	-	All	All	All
Hardware	Cisco	X9636c-rx	-	All	All	All
Hardware	Cisco	X9636c-rx	-	All	All	All
Hardware	Cisco	X9636q-r	-	All	All	All
Hardware	Cisco	X9636q-r	-	All	All	All

## References

Reference	Source	Link	Tags
Malformed Request	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	
Cisco NX-OS Software Command Injection Vulnerability (CVE-2019-1776)	CISCO	<a href="http://tools.cisco.com">tools.cisco.com</a>	Vendor Advisory
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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