



# CVE-2019-1965

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

## Summary

<b>CVE</b>	CVE-2019-1965
<b>State</b>	PUBLIC
<b>Assigner</b>	psirt@cisco.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-08-28 19:15:00 UTC
<b>Updated</b>	2020-10-16 14:05:00 UTC
<b>Description</b>	A vulnerability in the Virtual Shell (VSH) session management for Cisco NX-OS Software could allow an authenticated, rem

## Risk And Classification

**Problem Types: CWE-772**

## 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	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-c92160yc-x	-	All	All	All
Hardware	Cisco	N9k-c92160yc-x	-	All	All	All
Hardware	Cisco	N9k-c9236c	-	All	All	All
Hardware	Cisco	N9k-c9236c	-	All	All	All
Hardware	Cisco	N9k-c9272q	-	All	All	All
Hardware	Cisco	N9k-c9272q	-	All	All	All
Hardware	Cisco	N9k-c93180lc-ex	-	All	All	All
Hardware	Cisco	N9k-c93180lc-ex	-	All	All	All
Hardware	Cisco	N9k-c93180yc-ex	-	All	All	All

Hardware	Cisco	N9k-c93180yc-ex	-	All	All	All
Hardware	Cisco	N9k-c93180yc-fx	-	All	All	All
Hardware	Cisco	N9k-c93180yc-fx	-	All	All	All
Hardware	Cisco	N9k-c9504-fm-r	-	All	All	All
Hardware	Cisco	N9k-c9504-fm-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-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-x9732c-ex	-	All	All	All
Hardware	Cisco	N9k-x9732c-ex	-	All	All	All
Hardware	Cisco	N9k-x9736c-fx	-	All	All	All
Hardware	Cisco	N9k-x9736c-fx	-	All	All	All
Hardware	Cisco	Nexus 3048	-	All	All	All
Hardware	Cisco	Nexus 3048	-	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
Hardware	Cisco	Nexus 5696q	-	All	All	All
Hardware	Cisco	Nexus 5696q	-	All	All	All
Hardware	Cisco	Nexus 6001	-	All	All	All
Hardware	Cisco	Nexus 6001	-	All	All	All
Hardware	Cisco	Nexus 6004	-	All	All	All
Hardware	Cisco	Nexus 6004	-	All	All	All
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
Operating System	Cisco	Nx-os	All	All	All	All
Operating System	Cisco	Nx-os	All	All	All	All

Hardware	Cisco	Ucs-6296up	-	All	All	All
Hardware	Cisco	Ucs-6296up	-	All	All	All
Hardware	Cisco	Ucs 6248up	-	All	All	All
Hardware	Cisco	Ucs 6248up	-	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
Cisco NX-OS Software Remote Management Memory Leak Denial of Service Vulnerability	CISCO	<a href="https://tools.cisco.com">tools.cisco.com</a>	Vendor Advisory
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, analys

No vendor comments have been submitted for this CVE.

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

© [CVE.report](https://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). This site includes MITRE data granted under the following [license](https://www.mitre.org).

**CVE.report and Source URL Uptime Status** [status.cve.report](https://status.cve.report)