

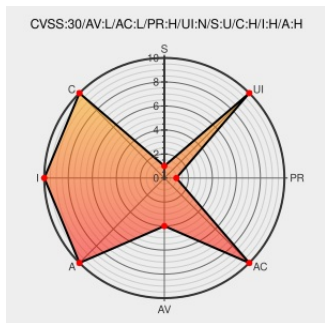


CVE-2019-12666

Published on: 09/25/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:41 PM UTC

CVE-2019-12666 - advisory for cisco-sa-20190925-dt

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of **ios Xe** from **Cisco** contain the following vulnerability:

A vulnerability in the Guest Shell of Cisco IOS XE Software could allow an authenticated, local attacker to perform directory traversal on the base Linux operating system of Cisco IOS XE Software. The vulnerability is due to incomplete validation of certain commands. An attacker could exploit this vulnerability by first accessing the Guest Shell and then entering specific commands. A successful exploit could allow the attacker to execute arbitrary code on the base Linux operating system.

CVE-2019-12666 has been assigned by [psirt@cisco.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

The Cisco Product Security Incident Response Team (PSIRT) is not aware of any public announcements or malicious use of the vulnerability that is described in this advisory.

Affected Vendor/Software: [Cisco](#) - **Cisco IOS XE Software 16.4.1** version n/a

CVSS3 Score: **6.7 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	HIGH	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description

Tags

Link

Cisco IOS XE Software Path Traversal Vulnerability

Vendor Advisory

tools.cisco.com

text/html

CISCO 20190925 Cisco IOS XE Software Path Traversal Vulnerability

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type

Vendor

Product

Version

Update

Edition

Language

Operating System

Cisco

ios Xe

All

All

All

All

Operating System

Cisco

ios Xe

16.11.1

All

All

All

Operating System

Cisco

ios Xe

All

All

All

All

Operating System

Cisco

ios Xe

16.11.1

All

All

All

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No vendor comments have been submitted for this CVE

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