



CVE-2019-12672

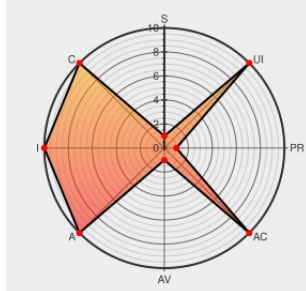
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CVE-2019-12672 - advisory for cisco-sa-20190925-iosxe-codeexec

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

CVSS:30/AV:P/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H



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

A vulnerability in the filesystem of Cisco IOS XE Software could allow an authenticated, local attacker with physical access to an affected device to execute arbitrary code on the underlying operating system (OS) with root privileges. The vulnerability is due to insufficient file location validation. An attacker could exploit this vulnerability by placing code in a specific format on a USB device and inserting it into an

affected Cisco device. A successful exploit could allow the attacker to execute the code with root privileges on the underlying OS of the affected device.

CVE-2019-12672 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 3.11.1S** version **n/a**

CVSS3 Score: **6.8 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
PHYSICAL	LOW	NONE	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

Cisco IOS XE Software Arbitrary Code Execution Vulnerability

Tags

Vendor Advisory

tools.cisco.com

text/html

Link

 CISCO 20190925 Cisco IOS XE Software Arbitrary Code Execution 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	16.9.1	All	All	All
Operating System	Cisco	Ios	16.9.1	All	All	All

cpe:2.3:o:cisco:ios:16.9.1:*****:

cpe:2.3:o:cisco:ios:16.9.1:*****:

No vendor comments have been submitted for this CVE

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