CVE-2019-12670

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CVE-2019-12670 - advisory for cisco-sa-20190925-iox-gs

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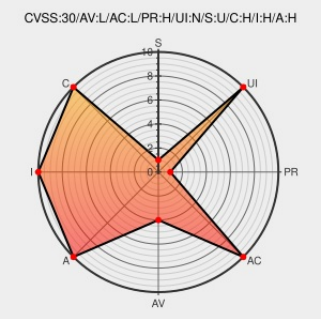

Certain versions of Ios from Cisco contain the following vulnerability:

A vulnerability in the filesystem of Cisco IOS XE Software could allow an authenticated, local attacker within the IOx Guest Shell to modify the namespace container protections on an affected device. The vulnerability is due to insufficient file permissions. An attacker could exploit this vulnerability by modifying files that they should not have access to. A successful exploit could allow the attacker to remove container protections and perform file actions outside the namespace of the container.

CVE-2019-12670 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 3.2.11aSG** 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: 4.6 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Cisco IOS XE Software IOx Guest Shell Namespace Protection Vulnerability	Vendor Advisory tools.cisco.com text/html	CISCO 20190925 Cisco IOS XE Software IOx Guest Shell Namespace Protection 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	16.10.1	All	All	All
Operating System	Cisco	Ios	16.10.1	All	All	All

cpe:2.3:o:cisco:ios:16.10.1:*:*:*:*:*:*:*:

cpe:2.3:o:cisco:ios:16.10.1:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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