CVE-2020-3171

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CVE-2020-3171 - advisory for cisco-sa-20200226-fxos-ucs-cli-cmdinj

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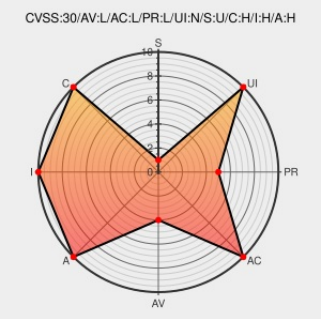

Certain versions of Firepower 2110 from Cisco contain the following vulnerability:

A vulnerability in the local management (local-mgmt) CLI of Cisco FXOS Software and Cisco UCS Manager Software could allow an authenticated, local attacker to execute arbitrary commands on the underlying operating system (OS) of an affected device. The vulnerability is due to insufficient input validation. An attacker could exploit this vulnerability by including crafted arguments to specific commands. A successful exploit could allow the attacker to execute arbitrary commands on the underlying OS with the privileges of the currently logged-in user for all affected platforms excluding Cisco UCS 6400 Series Fabric Interconnects. On Cisco UCS 6400 Series Fabric Interconnects, the injected commands are executed with root privileges.

CVE-2020-3171 has been assigned by psirt@cisco.com to track the vulnerability - currently rated as HIGH 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 Adaptive Security Appliance (ASA) Software** version **n/a**

CVSS3 Score: 7.8 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	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 FXOS and UCS Manager Software Local Management CLI Command Injection Vulnerability	Vendor Advisory tools.cisco.com text/html	CISCO 20200226 Cisco FXOS and UCS Manager Software Local Management CLI Command Injection 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
Hardware	Cisco	Firepower 2110	-	All	All	All
Hardware	Cisco	Firepower 2110	-	All	All	All
Hardware	Cisco	Firepower 2120	-	All	All	All
Hardware	Cisco	Firepower 2120	-	All	All	All
Hardware	Cisco	Firepower 2130	-	All	All	All
Hardware	Cisco	Firepower 2130	-	All	All	All
Hardware	Cisco	Firepower 2140	-	All	All	All
Hardware	Cisco	Firepower 2140	-	All	All	All
Hardware	Cisco	Firepower 4110	-	All	All	All
Hardware	Cisco	Firepower 4110	-	All	All	All
Hardware	Cisco	Firepower 4115	-	All	All	All
Hardware	Cisco	Firepower 4115	-	All	All	All
Hardware	Cisco	Firepower 4120	-	All	All	All
Hardware	Cisco	Firepower 4120	-	All	All	All
Hardware	Cisco	Firepower 4125	-	All	All	All
Hardware	Cisco	Firepower 4125	-	All	All	All
Hardware	Cisco	Firepower 4140	-	All	All	All
Hardware	Cisco	Firepower 4140	-	All	All	All

Hardware	Cisco	Firepower 4145	-	All	All	All
Hardware	Cisco	Firepower 4145	-	All	All	All
Hardware	Cisco	Firepower 4150	-	All	All	All
Hardware	Cisco	Firepower 4150	-	All	All	All
Hardware	Cisco	Firepower 9300	-	All	All	All
Hardware	Cisco	Firepower 9300	-	All	All	All
Operating System	Cisco	Fxos	2.4\(1.214\)	All	All	All
Operating System	Cisco	Fxos	2.4\(1.216\)	All	All	All
Operating System	Cisco	Fxos	2.4\(1.214\)	All	All	All
Operating System	Cisco	Fxos	2.4\(1.216\)	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	Ucs 64108	-	All	All	All
Hardware	Cisco	Ucs 64108	-	All	All	All
Hardware	Cisco	Ucs 6454	-	All	All	All
Hardware	Cisco	Ucs 6454	-	All	All	All
Application	Cisco	Ucs Manager	4.0\(1a\)a	All	All	All
Application	Cisco	Ucs Manager	4.0\(1a\)a	All	All	All

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No vendor comments have been submitted for this CVE

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