CVE-2017-12341

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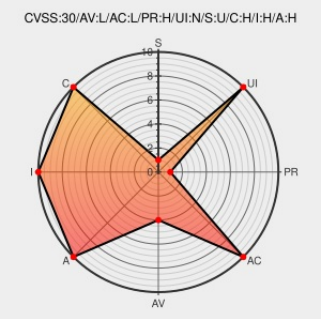
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Nx-os from Cisco contain the following vulnerability:

A vulnerability in the CLI of Cisco NX-OS System Software could allow an authenticated, local attacker to perform a command injection attack. An attacker would need valid administrator credentials to perform this exploit. The vulnerability is due to insufficient input validation during the installation of a software patch. An attacker could exploit this vulnerability by installing a crafted patch image with the vulnerable operation occurring prior to patch activation. An exploit could allow the attacker to execute arbitrary commands on an affected system as root. This vulnerability affects the following products running Cisco NX-OS System Software: Multilayer Director Switches, Nexus 2000 Series Fabric Extenders, Nexus 5000 Series Switches, Nexus 5500 Platform Switches, Nexus 5600 Platform Switches, Nexus 6000 Series Switches, Nexus 7000 Series Switches, Nexus 7700 Series Switches, Unified Computing System Manager. Cisco Bug IDs: CSCvf23735, CSCvg04072.

CVE-2017-12341 has been assigned by psirt@cisco.com to track the vulnerability - currently rated as MEDIUM severity.

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 NX-OS CLI Patch Installation Bug Lets Local Users Gain Root Privileges - SecurityTracker	Third Party Advisory VDB Entry www.securitytracker.com text/html	SECTRACK 1039939
Cisco NX-OS System Software Patch Installation Command Injection Vulnerability	Vendor Advisory tools.cisco.com text/html	CONFIRM tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20171129-nxos8

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	Nx-os	8.1(0.59)s0	All	All	All
Operating System	Cisco	Nx-os	8.1(1)	All	All	All
Operating System	Cisco	Nx-os	8.1\(0.59\)s0	All	All	All
Operating System	Cisco	Nx-os	8.1\(1\)	All	All	All
Operating System	Cisco	Nx-os	8.1\(0.59\)s0	All	All	All
Operating System	Cisco	Nx-os	8.1\(1\)	All	All	All
Application	Cisco	Unified Computing System	7.0(0)hsk(0.357)	All	All	All
Application	Cisco	Unified Computing System	7.0\(0\)hsk\(0.357\)	All	All	All
Application	Cisco	Unified Computing System	7.0\(0\)hsk\(0.357\)	All	All	All

cpe:2.3:o:cisco:nx-os:8.1(0.59)s0:*:*:*:*:*:*:*:

cpe:2.3:o:cisco:nx-os:8.1(1):*:*:*:*:*:*:*:

cpe:2.3:o:cisco:nx-os:8.1\(0.59\)s0:*:*:*:*:*:*:*:

cpe:2.3:o:cisco:nx-os:8.1\(1\):*:*:*:*:*:*:*:

cpe:2.3:o:cisco:nx-os:8.1\(0.59\)s0:*:*:*:*:*:*:*:

cpe:2.3:o:cisco:nx-os:8.1\(1\):*:*:*:*:*:*:*:

cpe:2.3:a:cisco:unified_computing_system:7.0(0)hsk(0.357):*:*:*:*:*:*:*:

cpe:2.3:a:cisco:unified_computing_system:7.0\(0\)hsk\(0.357\):*:*:*:*:*:*:*:

cpe:2.3:a:cisco:unified_computing_system:7.0\(0\)hsk\(0.357\):*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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