

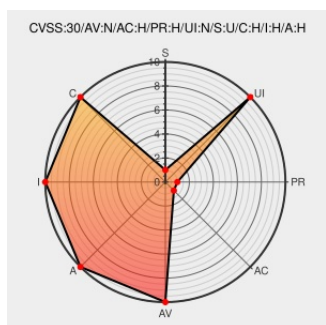


CVE-2021-1435

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CVE-2021-1435 - advisory for cisco-sa-iosxe-webcmdinjsh-UFJxTgZD

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

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

A vulnerability in the web UI of Cisco IOS XE Software could allow an authenticated, remote attacker to inject arbitrary commands that can be executed as the root user. This vulnerability is due to insufficient input validation. An attacker could exploit this vulnerability by sending a crafted request to the web UI of an affected device with arbitrary

commands injected into a portion of the request. A successful exploit could allow the attacker to execute arbitrary commands as the root user.

CVE-2021-1435 has been assigned by [Cisco PSIRT](#) 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 IOS XE Software** version **n/a**

CVSS3 Score: **7.2 - HIGH**

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

CVSS2 Score: **9 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Cisco IOS XE Software Web UI Command Injection Vulnerability	tools.cisco.com text/html	 CISCO 20210324 Cisco IOS XE Software Web UI Command Injection Vulnerability
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Related QID Numbers

[316910](#) Cisco IOS XE Software Web UI Command Injection Vulnerability(cisco-sa-iosxe-webcmdinjsh-UFJxTgZD)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios Xe	16.10.1	All	All	All
Operating System	Cisco	ios Xe	16.10.1a	All	All	All
Operating System	Cisco	ios Xe	16.10.1b	All	All	All
Operating System	Cisco	ios Xe	16.10.1c	All	All	All
Operating System	Cisco	ios Xe	16.10.1d	All	All	All
Operating System	Cisco	ios Xe	16.10.1e	All	All	All
Operating System	Cisco	ios Xe	16.10.1f	All	All	All
Operating System	Cisco	ios Xe	16.10.1g	All	All	All
Operating System	Cisco	ios Xe	16.10.1s	All	All	All
Operating System	Cisco	ios Xe	16.10.2	All	All	All
Operating System	Cisco	ios Xe	16.10.3	All	All	All
Operating System	Cisco	ios Xe	16.11.1	All	All	All
Operating System	Cisco	ios Xe	16.11.1a	All	All	All
Operating System	Cisco	ios Xe	16.11.1b	All	All	All
Operating System	Cisco	ios Xe	16.11.1c	All	All	All

System						
Operating System	Cisco	ios Xe	16.11.1s	All	All	All
Operating System	Cisco	ios Xe	16.11.2	All	All	All
Operating System	Cisco	ios Xe	16.9.1	All	All	All
Operating System	Cisco	ios Xe	16.9.1a	All	All	All
Operating System	Cisco	ios Xe	16.9.1b	All	All	All
Operating System	Cisco	ios Xe	16.9.1c	All	All	All
Operating System	Cisco	ios Xe	16.9.1d	All	All	All
Operating System	Cisco	ios Xe	16.9.1s	All	All	All
Operating System	Cisco	ios Xe	16.9.2	All	All	All
Operating System	Cisco	ios Xe	16.9.2a	All	All	All
Operating System	Cisco	ios Xe	16.9.2s	All	All	All
Operating System	Cisco	ios Xe	16.9.3	All	All	All
Operating System	Cisco	ios Xe	16.9.3a	All	All	All
Operating System	Cisco	ios Xe	16.9.3h	All	All	All
Operating System	Cisco	ios Xe	16.9.3s	All	All	All
Operating System	Cisco	ios Xe	16.9.4	All	All	All
Operating System	Cisco	ios Xe	16.9.4c	All	All	All
Operating System	Cisco	ios Xe	16.9.5	All	All	All
Operating System	Cisco	ios Xe	16.9.5f	All	All	All
Operating System	Cisco	ios Xe	16.9.6	All	All	All
Operating System	Cisco	ios Xe	17.2.1v	All	All	All
cpe:2.3:o:cisco:ios_xe:16.10.1:*****:..						
cpe:2.3:o:cisco:ios_xe:16.10.1a:*****:..						

cpe:2.3:o:cisco:ios_xe:16.10.1b:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.10.1c:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.10.1d:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.10.1e:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.10.1f:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.10.1g:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.10.1s:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.10.2:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.10.3:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.11.1:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.11.1a:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.11.1b:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.11.1c:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.11.1s:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.11.2:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.9.1:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.9.1a:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.9.1b:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.9.1c:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.9.1d:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.9.1s:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.9.2:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.9.2a:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.9.2s:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.9.3:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.9.3a:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.9.3h:~::~~::~~::~~:::
cpe:2.3:o:cisco:ios_xe:16.9.3s:~::~~::~~::~~:::

cpe:2.3:o:cisco:ios_xe:16.9.4:*****:
cpe:2.3:o:cisco:ios_xe:16.9.4c:*****:
cpe:2.3:o:cisco:ios_xe:16.9.5:*****:
cpe:2.3:o:cisco:ios_xe:16.9.5f:*****:
cpe:2.3:o:cisco:ios_xe:16.9.6:*****:
cpe:2.3:o:cisco:ios_xe:17.2.1v:*****:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 /r/cybersecurity	Top cybersecurity stories for the week of 10-23-23 to 10-27-23	2023-10-27 16:25:18

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