

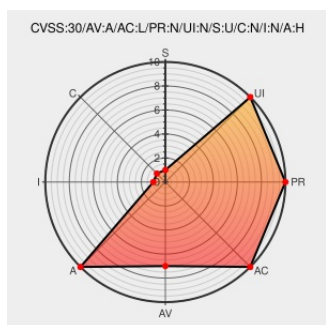


CVE-2015-6431

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CVE-2015-6431

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

Certain versions of [ios Xe](#) from [Cisco](#) contain the following vulnerability:

Cisco IOS XE 16.1.1 allows remote attackers to cause a denial of service (device reload) via a packet with the 00-00-00-00-00-00 source MAC address, aka Bug ID CSCux48405.

CVE-2015-6431 has been assigned by [psirt@cisco.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

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

CVSS2 Score: **6.1 - MEDIUM**

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
Cisco IOS XE Software CVE-2015-6431 Denial of Service Vulnerability	cve.report (archive) text/html	🌐 BID 79654
Cisco IOS XE Software Packet Processing Denial of Service Vulnerability	Vendor Advisory tools.cisco.com	🌐 CISCO 20151221 Cisco IOS XE Software Packet Processing Denial of

Cisco IOS XE MAC Address Processing Flaw Lets Remote Users Cause the Target System to Crash - SecurityTracker

www.securitytracker.com [SECTRAK 1034514](#)

text/html

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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 Xe	16.1.1	All	All	All
Operating System	Cisco	Ios Xe	16.1.1	All	All	All
cpe:2.3:o:cisco:ios_xe:16.1.1:*****:						
cpe:2.3:o:cisco:ios_xe:16.1.1:*****:						

No vendor comments have been submitted for this CVE

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