

Cisco Catalyst 6800, Cisco IOS VPLS Denial of Service



High
Cisco Catalyst 6800, Cisco IOS VPLS Denial of Service
CVE-2017-12238
CVSS 7.4
No workarounds available
Cisco ID: CSCva61927

[CVE-2017-12238](#)

Denial of Service vulnerability in Cisco Catalyst 6800, Cisco IOS VPLS

Summary

Cisco Catalyst 6800, Cisco IOS VPLS Denial of Service vulnerability allows an attacker to cause a Denial of Service (DoS) on a Cisco Catalyst 6800-16P10G-XL switch. The vulnerability is caused by a buffer overflow in the VPLS control plane. An attacker can exploit this vulnerability by sending a specially crafted VPLS control plane packet to the switch. The switch will then crash, resulting in a Denial of Service. This vulnerability affects Cisco Catalyst 6800-16P10G-XL switches running Cisco IOS VPLS software versions 15.2(1) through 15.2(2). No workarounds are available for this vulnerability. The Cisco ID for this vulnerability is CSCva61927.

Cisco IOS

... Cisco IOS ... NX-OS ...

... Cisco IOS XE ... Cisco IOS XR ... Cisco NX-OS ...

...i

... crashinfo ...

%SYS-DFC1-6-STACKLOW: Stack for process earl_ntfy_dm_thread running low, 0/26000

... crashinfo ...

<#root>

513E.E.36-6800-3#\$crashinfo_20120131-140600-UTC | begin "earl_ntfy_dm_thread"
Pid 375: Process "earl_ntfy_dm_thread"
stack 0x1CCDA7C savedsp 0x121C8A34
Flags: analyze prefers_new process_arg_valid

<output omitted>

PC : 088827A8 MSR: 00029200

---- Current Process Stack (

0x6590

bytes used, out of

0x6590

TAC <https://www.cisco.com/c/en/us/support/web/tsd-cisco-worldwide-contacts.html>

URL [https://www.cisco.com/c/en/us/support/web/tsd-cisco-worldwide-contacts.html](#)

Cisco IOS

Cisco IOS

Cisco IOS

Cisco IOS Software Checker

Cisco IOS

Cisco IOS

Cisco IOS

Fixed

First Fixed

First Fixed

Cisco IOS

- `show version`
- `show version`
- `show version`

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URL

<https://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20170927-vpls>

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翻訳について

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