

Cisco FXOS **Denial of Service** Vulnerability in Cisco UCS Web UI



High
CVE ID : [cisco-sa-20180620-fxos-dos](#)
Published : 2018-06-20 16:00
Last Modified : 2018-07-05 21:12
Product : Final
CVSS Score : [8.6](#)
Workarounds : No workarounds available
Cisco Bug ID : [CSCvb61398](#) [CSCvb86799](#)

[CVE-2018-0298](#)

Denial of Service vulnerability in Cisco UCS Web UI

Details

Cisco FXOS Denial of Service vulnerability in Cisco UCS Web UI

The vulnerability is located in the Cisco UCS Web UI. An attacker can exploit this vulnerability to cause a Denial of Service (DoS) attack by sending a specially crafted HTTP request to the Cisco UCS Web UI. The attack is successful because the Cisco UCS Web UI does not properly validate the length of the request body, leading to a memory overflow and a crash of the application.

Impact : Denial of Service

The vulnerability is located in the Cisco UCS Web UI. An attacker can exploit this vulnerability to cause a Denial of Service (DoS) attack by sending a specially crafted HTTP request to the Cisco UCS Web UI. The attack is successful because the Cisco UCS Web UI does not properly validate the length of the request body, leading to a memory overflow and a crash of the application.

The vulnerability is located in the Cisco UCS Web UI. An attacker can exploit this vulnerability to cause a Denial of Service (DoS) attack by sending a specially crafted HTTP request to the Cisco UCS Web UI. The attack is successful because the Cisco UCS Web UI does not properly validate the length of the request body, leading to a memory overflow and a crash of the application.

The vulnerability is located in the Cisco UCS Web UI. An attacker can exploit this vulnerability to cause a Denial of Service (DoS) attack by sending a specially crafted HTTP request to the Cisco UCS Web UI. The attack is successful because the Cisco UCS Web UI does not properly validate the length of the request body, leading to a memory overflow and a crash of the application.

The vulnerability is located in the Cisco UCS Web UI. An attacker can exploit this vulnerability to cause a Denial of Service (DoS) attack by sending a specially crafted HTTP request to the Cisco UCS Web UI. The attack is successful because the Cisco UCS Web UI does not properly validate the length of the request body, leading to a memory overflow and a crash of the application. <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20180620-fxos-dos>

The vulnerability is located in the Cisco UCS Web UI. An attacker can exploit this vulnerability to cause a Denial of Service (DoS) attack by sending a specially crafted HTTP request to the Cisco UCS Web UI. The attack is successful because the Cisco UCS Web UI does not properly validate the length of the request body, leading to a memory overflow and a crash of the application.

ã,³ãf-ã,ã,ãfSãf³ã@ä,€éf"ãSã™ã€ã,ã"ã@ä,ã«ã-ã€24
ä»¶ã@è,,†ã¼±æ€Sã«é-çã™ã,ç 24 ä»¶ã@ä,ã,¹ã,³ã,»ã,ãfãfãfãfã,£
ã,çãf%ããfã,ã,¶ã,¶ãfãã€ã«ã¾ã,€ã|ã,,ã¾ã™ã€ã,çãf%ããfã,ã,¶ã,¶ãfãããfãfã,ãã@
Response: June 2018 Cisco FXOS and NX-OS Software Security Advisory
Collectionã€ã,ã,ç...Sã—ã|ããããããã,ã€,

è©²ã½“è£½ã”

è,,†ã¼±æ€Sã@ã,ã,è£½ã”

æœ-è,,†ã¼±æ€Sã-ã€Cisco FXOS ã,½ãfãfã,|ã,Sã,çã¾ãYã- Cisco UCS
ãfã,¶ãf-ãfãffã,ã,¶ãfã,çãf¼ã,³ãfã,ãf
ã,½ãfãfã,|ã,Sã,çã@è,,†ã¼±æ€Sã@ã,ã,ãfãf¼ã,ãfSãf³ã,ã@Yè;€ã™ã,æ-ãã@ã,ã,¹ã,³è:

- Firepower 4100 ã,ãfãf¼ã,°æ-ã,ã-ã»£ãfã,ã,ã,çã,ã,©ãf¼ãf«
- Firepower 9300 ã,»ã,ãfãfãfãfã,£ã,çãf-ãf@ã,ã,çãf³ã,¹
- UCS 6200 ã,ãfãf¼ã,°ãfã,¶ãf-ãfãffã,ã,¶ãf³ã,çãf¼ã,³ãfã,ãf
- UCS 6300 ã,ãfãf¼ã,°ãfã,¶ãf-ãfãffã,ã,¶ãf³ã,çãf¼ã,³ãfã,ãf

è,,†ã¼±æ€Sã€ã~ãœ"ã™ã,ç Cisco FXOS ã,½ãfãfã,|ã,Sã,çãSã,ã³ Cisco UCS
ãfã,¶ãf-ãfãffã,ã,¶ãf³ã,çãf¼ã,³ãfã,ãf
ã,½ãfãfã,|ã,Sã,çã@ãfãfãf¼ã,¹ã«ããã,,ã|ã-ã€ãã"ã@ã,çãf%ããfã,ã,¶ã,¶ãfãã@

ç¾ãœ"ã@ Cisco FXOS ã,½ãfãfã,|ã,Sã,çãfããfãf¼ã,¹ã,çç°èãã™ã,ç

ç@çç†è€...ã-ã€ãfãfãã,ã,¹ã@ CLI
ãSæ-ã@ã,³ãfZãf³ãf%ãã,ã½çç"ã™ã,ãã€çç@çç†è€...ç"ãfãf¼ã,çãfãã@
[Overview]ã,çãf-ã«çS»ãã-ã-ã|ã€ãfãfãã,ã,ã,¹ã,SãSã@Yè;€ã•ã,€ã|ã,,ã,ç
Cisco FXOS
ã,½ãfãfã,|ã,Sã,çã@ãfãfãf¼ã,¹ã,ãfã,ãffã,ãSããã¾ã™ã€,æ-ãã«ã€Cisco
FXOS ã,½ãfãfã,|ã,Sã,çãfããfãf¼ã,¹ 2.2(2.14)
ã,ã@Yè;€ã-ã|ã,,ã,ãfãfãã,ã,ã,¹ãSã@ show version CLI
ã,³ãfZãf³ãf%ãã@ã#°ãSã¾ã,çç°ã-ã¾ã™ã€,ãã"ã,€ã-ãã,³ãfZãf³ãf%ãã#°ãSã@
Package-Versãfã,£ãf¼ãf«ãf%ãSçç°èããSããã¾ã™ã€,

```
<#root>  
  
QP4120B1 #  
  
scope system  
  
QP4120B1 /system #
```

show version

FPRM:
Running-Vers: 4.2(2.15)
Package-Vers:

2.2(2.14)

Activate-Status: Ready

Cisco NX-OS

CLI show version

show version

Cisco NX-OS

Cisco NX-OS

Cisco NX-OS 7.3(2)D1(1)

show version

<#root>

nxos-switch#

show version

<#root>

Cisco Nexus Operating System (NX-OS) Software
TAC support: <http://www.cisco.com/tac>
Documents: http://www.cisco.com/en/US/products/ps9372/tsd_products_support_series_home.html
Copyright (c) 2002-2017, Cisco Systems, Inc. All rights reserved.
The copyrights to certain works contained in this software are owned by other third parties and used and distributed under license. Certain components of this software are licensed under the GNU General Public License (GPL) version 2.0 or the GNU Lesser General Public License (LGPL) Version 2.1. A copy of each such license is available at <http://www.opensource.org/licenses/gpl-2.0.php> and <http://www.opensource.org/licenses/lgpl-2.1.php>
Software
 BIOS: version 2.12.0
 kickstart: version 7.3(2)D1(1)
 system: version

7.3(2)D1(1)

.
. .
.

è,,†â¼±æ€šã,'ã«ã,"ãšã,,ãªã,,ã"ã"ã Ççç°èªã•ã,Œãÿè£½â"

ã"ã@ã,çãf%ãã,ã,¶ãfã@è,,†â¼±æ€šã@ã,ã,è£½â"ã,»ã,ã,ãfšãf³ã«è~è¼%ã•ã

ã,ã,¹ã,³ãã€ã"ã@è,,†â¼±æ€šãŒã»ã,ã,ã,¹ã,³è£½â"ã«ãã½±éÿ;ã,ã,žã^ã

- Firepower 2100 ã,ãfªãf¼ã,°
- MDS 9000 ã,ãfªãf¼ã,°ãžãf«ãfãf-ã,ããfãã,¹ã,ããffãf
- Nexus 1000V ã,ãfªãf¼ã,°ã,¹ã,ããffãf
- Nexus 1100 ã,ãfªãf¼ã,°ã,ãfã,¹ãf%ã,¶f¼ãfª,¹ãf—ãfãfãfªã,ãf¼ãf
- Nexus 2000 ã,ãfªãf¼ã,°ãfª,ãf-ãfªãfã,ã,ã,ã,ãfªãf³ãf€
- Nexus 3000 ã,ãfªãf¼ã,°ã,¹ã,ããffãf
- Nexus 3500 ãf—ãfãfãfªã,ãf¼ãfã,¹ã,ããffãf
- Nexus 3600 ãf—ãfãfãfªã,ãf¼ãfã,¹ã,ããffãf
- Nexus 5500 ãf—ãfãfãfªã,ãf¼ãfã,¹ã,ããffãf
- Nexus 5600 ãf—ãfãfãfªã,ãf¼ãfã,¹ã,ããffãf
- Nexus 6000 ã,ãfªãf¼ã,°ã,¹ã,ããffãf
- Nexus 7000 ã,ãfªãf¼ã,°ã,¹ã,ããffãf
- Nexus 7700 ã,ãfªãf¼ã,°ã,¹ã,ããffãf
- Nexus 9000 ã,ãfªãf¼ã,°ãfª,ãf-ãfªãfã,ã,ã,ããffãf¼ã,çãf—ãfªã,±ãf¼ã,ãfšãf³ã,»ãf³ãfªããfã,ã,ããf³ãfªãfã,¹ãfªãfã,ãfãf¼ã^ACIi¼%ããfçãf¼ãf%ãi¼%ã,¹ã,çãf³ãf%ã,çããf³ NX-OS ãfçãf¼ãf%ã@ Nexus 9000 ã,ãfªãf¼ã,°ã,¹ã,ããffãf
- Nexus 9500 R ã,ãfªãf¼ã,°ãfã,ããf³ã,«ãf¼ãf%ãšã,ã³ãfª,ãf-ãfªãfã,ãfçã,ãfãf¼ããf«
- UCS 6100 ã,ãfªãf¼ã,°ãfª,ãf-ãfªãfã,ã,ããf³ã,çãf¼ã,³ãfã,ãf

Cisco ãšãã€æœ-è,,†â¼±æ€šãŒ Cisco Nexus 4000 ã,ãfªãf¼ã,°ã,¹ã,ããffãfã€Cisco Nexus 5010 ã,¹ã,ããffãfã€Cisco Nexus 5020 ã,¹ã,ããffãfã«ã½±éÿ;ã™ã,ãããããããããã,èªæÿ»ã—ã|ã,,ã¼ããã,ãã,ãã,Œã, BladeCenter ç"ã@ Cisco Nexus 4000 ã,ãfªãf¼ã,°ã,¹ã,ããffãfãfçã,ãfãf¼ãã«ã@è²@ãf²çµ,ã°ããšã,ã³ã,ããfãf¼ãf^çµ,ã°téšçÿã€ãšã,ã³ã€ŒCisco Nexus 5010 ãšã,ã³ Nexus 5020 ã,¹ã,ããffãfã@è²@ãf²çµ,ã°ããšã,ã³ã,ããfãf¼ãf^çµ,ã°téšçÿã€ã,ã,ç...šã—ã|ã

ãžéç-

ã"ã@è,,†â¼±æ€šã«ã¼ã†|ã™ã,ãžéç-ãã,ã,šã¼ããã,ãã€,

ã;@æ£æ,ãçã,½ãfªãfª,ã,ã,šã,ç

ã,½ãf•ãf^ã,|ã,šã,ćã«ãfããfãf¼ã,¹ã,çã«ã—ã|ã„ã¾ã™ã€ã,ã,ã«ã«ã—ã—ã€ããfããfããf

Firepower 4100ã,ãfãf¼ã,°Next-Generation Firewall:CSCvb61398

Cisco FXOS ã,½ãf•ãf^ã, ã,šã,ćã	ã“ã®è,,†ã¼±æ€šã«ã¾ã™ã,æœ€ã^ã«ã«ã¾ãfããfããf¼ã,¹	First I Vuln Desc Co A
1.1	1.1.4.169	2.0.1.15 ã¾ã« 2.3.1.5
2.0	2.0.1.135	2.0.1.15 ã¾ã« 2.3.1.5
2.1	è,,†ã¼±æ€šãªã—	2.1.1.86 ã¾ã« 2.3.1.5
2.2	è,,†ã¼±æ€šãªã—	2.2.2.17 ã¾ã« 2.3.1.5
2.3	è,,†ã¼±æ€šãªã—	è,,†ã¼±æ€šãªã—

Firepower 9300ã,»ã,ãfããfãfã,šã,ćãf—ãf«ã,«ã,ćãfã,¹¼šCSCvb61398

Cisco FXOS ã,½ãf•ãf^ã, ã,šã,ćã	ã“ã®è,,†ã¼±æ€šã«ã¾ã™ã,æœ€ã^ã«ã«ã¾ãfããfããf¼ã,¹	First I Vuln Desc Co A
1.1	1.1.4.169	2.0.1.15 ã¾ã« 2.3.1.5
2.0	2.0.1.135	2.0.1.15 ã¾ã« 2.3.1.5
2.1	è,,†ã¼±æ€šãªã—	2.1.1.86

		ã ¼ã 2.3.1.5
2.2	è,,†å¼±æ€šãªã—	2.2.2.17 ã ¼ã 2.3.1.5
2.3	è,,†å¼±æ€šãªã—	è,,†å¼±æ

UCS 6200ã Šã, ^ã ³6300ãf•ã, ãf-ãfªãfã, ¯ã,ªãf³ã,¿ãf¼ã,³ãfã, ¯ãf^i¼š [CSCvb86799](#)

Cisco NX-OS ã,¼ãf•ãf^ã,ã,šã,ç	ã “ã®è,,†å¼±æ€šãªã«ã ¼ã™ã,æœ€ã^ã®ã¿®æfãfªãf¼ã,¹	First Release Vulnerability Description the Column of Adv
2.2 ã, ^ã, Šã%o	è,,†å¼±æ€šãªã—	3.2(2b)
2.2	è,,†å¼±æ€šãªã—	3.2(2b)
2.5	è,,†å¼±æ€šãªã—	3.2(2b)
3.0(1)	è,,†å¼±æ€šãªã—	3.2(2b)
3.0(2)	3.1(3a)	3.2(2b)
3.1	3.1(3a)	3.2(2b)
3.2	è,,†å¼±æ€šãªã—	3.2(2b)

ã, æfã^©ç”” ä°<ã¼ã “ã...-ã¼ç™ºèi”

Cisco Product Security Incident Response

Teami¼^PSIRTi¼%oã ¯ã€æœ-ã,çãf%oãfã,ªã,¶ãfªã«è”~è¼%oãã,Œã |ã,ã,è,,†å¼±æ€šãªã

ã†°ã... ,

æœ-è,,†å¼±æ€šãªã ¯ã€ã,ã,¹ã,³ãt...éf”ã šã®ã,»ã,ãfªãfãftã,£ãftã,¹ãf^ã«ã,^ã£ã |ç™ºè |ã•ã,Œã¼ã—ãÿã€ ,

URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20180620-fxos-dos>

æ”¹è”,ã±ÿæ´

ãf ¼ã,ãfSãf³	èª-æ~Ž	ã
1.1	FXOS ãf—ãf©ãffãf^ãf•ã.©ãf¼ãfã @äz@æfæ,^ã ;ãfªãfªãf¼ã,¹ã,'æ>æ-°ã€,	äz@æfæ,^ã
1.0	å^ å>žå...-é-<ãfªãfªãf¼ã,¹	-

å^©ç””è! ç´,,

æœ-ã,çãf%ãfã,ã,ã,ã,ãfªã ç,,jãz è”¼ã @ã,,ã @ã ”ã —ã |ã ”æ ¼ãã —ã |ã Šã,Šã€
æœ-ã,çãf%ãfã,ã,ã,ã,ãfªã @æf...å ±ã Šã,^ã³ãfªãfªã,ã @ã¼ç””ã «é-çã™ã,«è²-ã»ã @ã,€
ã¼ã Æã€ã,ã,¹ã,³ã æœ-ãf%ã,ãfªãfªãfªã @ãt...ã¹ã,'ã^ãŠãªã —ã «ã%ãæ’ã —ã
æœ-ã,çãf%ãfã,ã,ã,ã,ãfªã @è”~èz°ãt...ã¹ã «é-çã —ã |æf...å ±é... äzã @ URL
ã,'çœ ç´¥ã —ã€ã ~ç<-ã @è»çè¼%ã,,æ,, è”³ã,'æ-½ã —ã Æã ’ã ^ã€ã½”ç¼ã Çç@çç
ã”ã @ãf%ã,ãfªãfªãfªã @æf...å ±ã —ãã,ã,¹ã,³è£½ã”ã @ã, ”ãfªf%ãf¼ã,ã,ã’ã¼è±;ã

翻訳について

シスコは世界中のユーザにそれぞれの言語でサポート コンテンツを提供するために、機械と人による翻訳を組み合わせて、本ドキュメントを翻訳しています。ただし、最高度の機械翻訳であっても、専門家による翻訳のような正確性は確保されません。シスコは、これら翻訳の正確性について法的責任を負いません。原典である英語版（リンクからアクセス可能）もあわせて参照することを推奨します。