

Cisco IOS, 1/2 af af a, | a, s a, c a ® Session Initiation Protocol « a Š a ' a, Denial of Service (DoS) a ® è, t a 1/4 ± æ € §



ã, çãf%ãfã, ðã, ¶ãfãf¼ã ID : cisco-sa-20140326-sip

[CVE-2014-2106](#)

â^â...-é-æ—¥ : 2014-03-26 16:00

æœ€œ>æ-°æ—¥ : 2014-03-31 13:46

ãfãf¼ã, ãfšãf³ 1.1 : Final

CVSSã, 1ã, 3ã, ç : [7.8](#)

ãžéç- : No Workarounds available

Cisco ãfã, ° ID : [CSCug45898](#)

æ—¥æœ-èªžã «ã, ^ã, çãf...ã ±ã -ã€èèèªžã «ã, ^ã, çãžãæ-ãã ®éžã...-ã¼ã

æ!, è!

Cisco IOSã, 1/2ãfãf^ã, |ã, šã, çã Šã, ^ã Cisco IOS XEã, 1/2ãfãf^ã, |ã, šã, çã ®Session Initiation Protocol(SIP)ã®ÿè£...ã «ã Šã 'ã, è,, tã¼±æ€šã «ã, ^ã, šã€èèè ¼ãã, Çãã |ãã,,ãããã,,ãfãã. IOSã, 1/2ãfãf^ã, |ã, šã, çã Šã, ^ã Cisco IOS XEã, 1/2ãfãf^ã, |ã, šã, çãfãfãf¼ã, 1ã Çãã¼±éÿã, 'ã —ã 'ã¾ã™ã€,

ã, .ã, 1ã, 3ã -ãã®è,, tã¼±æ€šã «ã¾ã±|ã™ã, çã, 1/2ãfãf^ã, |ã, šã, çã, çãffãf—ãfãf¼ãf^ã, 'ãfãfãf¼ã

SIPã, 'ã®ÿè;Çãã™ã, çã¿...è |ãã Çãã, çã, çãfãfãfã, ðã, 1ã «ã¾ãã™ã, çãžéç-ã -ã, ã, šã¾ãã>ã,

ã "ã®ã, çãf%ãfã, ðã, ¶ãfã -ã€æ-;ã®ãfãfã, -ã, ^ã, šçç°èããšãã¾ã™ã€, <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20140326-sip>

æ³¼š2014ã!³æœ^26æ—¥ã®Cisco IOSã, 1/2ãfãf^ã, |ã, šã, çã, »ã, ãfãfãfãfã, £ã, çãf%ãfã, ðã, ¶ãfãfãfãfãf%ãfãã...-é-ã «ã -ã€ã6ã»¶ Security Advisoryã Çãã «ã¾ã, Çãã |ãã,,ã¾ãã™ã€,ãã™ã¹ã |ãã®ã, çãf%ãfã, ðã, ¶ãfãfã -ã€ã Cisco IOSã, 1/2ãfãf^ã, |ã, šã, çã®è,, tã¼±æ€šã «ã¾ã±|ã -ã |ãã,,ã¾ãã™ã€,ãã,, Cisco

processes | include SIP

IOS

IOS

Router# show processes | include SIP

149	Mw	40F48254	4	1	400023108/24000	0	CCSIP_UDP_SOCKET
150	Mw	40F48034	4	1	400023388/24000	0	CCSIP_TCP_SOCKET

Cisco IOS

XE

show processes | include

SIP

Cisco IOS

show

version

Cisco

IOS

Cisco IOS

Cisco IOS

show

Version

Cisco IOS

show version

Cisco IOS

Cisco IOS

C3900-UNIVERSALK9-

M

<#root>

Router>

show version

Cisco IOS Software, C3900 Software (C3900-UNIVERSALK9-M), 15.2(4)M5, RELEASE SOFTWARE (fc2)

Technical Support: http://www.cisco.com/techsupport

Copyright (c) 1986-2013 by Cisco Systems, Inc.

Compiled Fri 13-Sep-13 16:44 by prod_rel_team

Řešení -

© 2012 Cisco

IOS, VoIP, SIP, ...

Cisco IOS, Session Initiation Protocol, Denial of Service

<https://sec.cloudapps.cisco.com/security/center/viewAMBAAlert.x?alertId=32537>

SIP, VoIP, ...

SIP, VoIP, ...

```
sip-ua
no transport udp
no transport tcp
no transport tcp tls
```

Media Gateway Control

Protocol (MGCP), H.323, ...

show udp connections, show tcp brief, show control-plane host open-ports, TCP, ...

show ip sockets

*Nov 2 11:36:47.691: sip_udp_sock_process_read: SIP UDP Listener is DISABLED

Řešení -

Cisco IOS XE ¹/₂af•af^ã,lä,šã,ç

ã“ã®è,,†å¼±æ€šã®å½±éÿçã,â—ã’ã,ã®ã¯ã€Cisco IOS
XEã,½af•af^ã,lä,šã,çãfãfãf¼ã,¹3.10.0Sã€3.10.0aSã€ãšã,^ã³3.10.1Sã®ãçãšã™ã€,

Cisco IOS

XEã,½af•af^ã,lä,šã,çãfãfãf¼ã,¹3.10.2Sã€Sæœ€ã^ã«ä®æ£ã•ã,£ã¼ã—ãÿã€,

Cisco IOS XR ¹/₂af•af^ã,lä,šã,ç

Cisco IOS XRã,½af•af^ã,lä,šã,çã—ã€2014å¹³æœ^ã®Cisco

IOSã,½af•af^ã,lä,šã,çã,»ã,ãfãfãfãftã,£ã,çãf%ãfã,ã,¶ã,¶ãfãfãfãf%ãf«...-é-ãšã...-é-ã•ã,£ã¼ã—ãÿã€

ã,æ£ã^©ç”ã°ã¼ã”ã...-ã¼ç™°èi”

Cisco Product Security Incident Response

Teami¼^PSIRTi¼%ã—ã€æœ-ã,çãf%ãfã,ã,¶ã,¶ãfãfãfãf%ãf«...-é-ãšã...-é-ã•ã,£ã¼ã—ãÿã€

ã“ã®è,,†å¼±æ€šã®ã€ã†...éf”ãšã®ã,»ã,ãfãfãfãftã,£ãftã,¹ãf^ãšç™°è|ã•ã,£ã¼ãÿã,,ã€

URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20140326-sip>

æ”¹è,,å±¥æ´

ãfãf“ã,ãfšãf³ 1.1	2014å¹³æœ^31æ—¥	Cisco IOS XEãfãfãf¼ã,¹3.10.0aSã,¹è©²å½“ãfãfãf¼ã,lä”ã—ã èç½ãšã€
ãfãf“ã,ãfšãf³ 1.0	2014å¹³æœ^26æ—¥	ã^ã>žã...-é-ãfãfãf¼ã,¹

ã^©ç”è|ç”,,

æœ-ã,çãf%ãfã,ã,¶ã,¶ãfãfãfãf%ãf«...-é-ãšã...-é-ã•ã,£ã¼ã—ãÿã€ãšã,šã€
æœ-ã,çãf%ãfã,ã,¶ã,¶ãfãfãfãf%ãf«...-é-ãšã,^ã³ãfãfãfã,ã®ã½çç”ã«é-çã™ã,«è²-ã»ã®ã,€
ã¼ãÿã€ã,ã,¹ã,³ã¯æœ-ãf%ãã,ãfãfãfãfã®ã†...ã®¹ã,¹ã°ãšããã—ã«ã%ãæ’ã—ã€
æœ-ã,çãf%ãfã,ã,¶ã,¶ãfãfãfãf%ãf«...-é-ãšã...ã®¹ã«é-çã—ã|æf...ã±é...ãçãã® URL
ã,çœçç¥ã—ã€ããçç<-ã®è»çè¼%ã,,æ,,è³ã,æ-½ã—ãÿã¹ã^ã€ã½“ç¼ã¼ã£ç®çç
ã“ã®ãf%ãã,ãfãfãfãfãfã®æf...ã±ã—ã€ã,ã,¹ã,³è£½ã”ã®ã,¹ãfãf%ãfãf¼ã,¶ã,¹ã¼è±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。