Cisco ã,¢ã,°ãƒªã,²ãƒ¼ã,·ãƒ§ãƒ³ ã,µãƒ¼ãƒ“ã,¹ ãƒ«ãƒ¼ã,¿ 9000 ã,·ãƒªãƒ¼ã,ºã�«ã�Šã�‘ã,‹ IPv6 ãƒ•ãƒ©ã,°ãƒ¡ãƒ³ãƒˆ ãƒ˜ãƒƒãƒ€ãƒ¼ã�§ã�® Denial of Serviceï¼ˆDoSï¼‰ã�®è„†å¼±æ€§

High

ã,¢ãƒ‰ãƒ�ã,¤ã,¶ãƒªãƒ¼ID : cisco-sa-20180131-ipv6
åˆ�å…¬é–‹æ—¥ : 2018-01-31 16:00
ãƒ�ãƒ¼ã,¸ãƒ§ãƒ³ 1.0 : Final
CVSSã,¹ã,³ã,¢ : 8.6
å›žé�¿ç– : No workarounds available
Cisco ãƒ�ã,° ID : CSCvg46800

CVE-2018-0136

æ—¥æœ¬èªžã�«ã,ˆã,‹æƒ…å ±ã�¯ã€�è‹±èªžã�«ã,ˆã,‹åŽŸæ–‡ã�®é�žå…¬å¼�ã�

æ¦‚è¦�

Cisco ã,¢ã,°ãƒªã,²ãƒ¼ã,·ãƒ§ãƒ³ ã,µãƒ¼ãƒ“ã,¹ ãƒ«ãƒ¼ã,¿ï¼ˆASRï¼‰9000 ã,·ãƒªãƒ¼ã,ºã�® Cisco IOS XR ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒªãƒªãƒ¼ã,¹ 5.3.4 ã�«ã�¯ã€�IPv6 ã�®ã,µãƒ–ã,·ã,¹ãƒ†ãƒ ã�«ã�Šã�‘ã,‹è„†å¼±æ€§ã�Œã�,ã,Šã€�ãƒªãƒ¢ãƒ¼ãƒˆã�®æ”»æ'ƒè€…ã�«ã
1 ã�¤ã�¾ã�Ÿã�¯è¤‡æ•°ã�® Trident ãƒ™ãƒ¼ã,¹ ãƒ©ã,¤ãƒ³ ã,«ãƒ¼ãƒ‰ã,'ãƒªãƒãƒ¼ãƒ‰ã�•ã,Œã€�Denial of Serviceï¼ˆDoSï¼‰ã,'å¼•ã��èµ·ã�"ã�•ã,Œã,‹å�¯èƒ½æ€§ã�Œã�,ã,Šã�¾ã�™ã€,

æœ¬è„†å¼±æ€§ã�¯ã€�IPv6
ãƒ'ã,±ãƒƒãƒˆã�«ãƒ•ãƒ©ã,°ãƒ¡ãƒ³ãƒˆæ‹¡å¼µãƒ˜ãƒƒãƒ€ãƒ¼ã�Œå�«ã�¾ã,Œã,‹å ´å�ˆã€�ã��ã,Œã�
IPv6 ãƒ'ã,±ãƒƒãƒˆã,' Trident ãƒ™ãƒ¼ã,¹ ãƒ©ã,¤ãƒ³ ã,«ãƒ¼ãƒ‰ã�«ç›´æŽ¥ã,,ã�—ã��ã�¯ã�"ã�®ã,«ãƒ¼ãƒ‰ã,'çµŒç"±ã�—ã�¦é€�ä¿¡ã�™ã,‹ã�"ã
ãƒ™ãƒ¼ã,¹ ãƒ©ã,¤ãƒ³ ã,«ãƒ¼ãƒ‰ã�Œãƒªãƒãƒ¼ãƒ‰ã�•ã,Œã€�ã��ã�®çµ�æžœã€�ãƒ©ã,¤ãƒ³ ã,«ãƒ¼ãƒ‰ã,'å†�èµ·å‹•ã�™ã,‹ã�¾ã�§ã�®é–"ã€�DoS çŠ¶æ…‹ã�Œç™ºç"Ÿã�™ã,‹ã�"ã�¨ã�«ã�ªã,Šã�¾ã�™ã€,

ã,·ã,¹ã,³ã�¯ã�"ã�®è„†å¼±æ€§ã�«å¯¾å‡¦ã�™ã,‹ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã,¢ãƒƒãƒ—ãƒ‡ãƒ¼ãƒˆã,'ãƒªãƒªãƒ¼ ã�"ã�®ã,¢ãƒ‰ãƒ�ã,¤ã,¶ãƒªã�¯ã€�æ¬¡ã�®ãƒªãƒ³ã,¯ã,ˆã,Šç¢ºèª�ã�§ã��ã�¾ã�™ã€, https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20180131-ipv6

è©²å½"è£½å"�

è„†å¼±æ€§ã�®ã�,ã,‹è£½å"�

æœ¬è„†å¼±æ€§ã�¯ã€�ã,·ã,¹ã,³ ã,¢ã,°ãƒªã,²ãƒ¼ã,·ãƒ§ãƒ³ ã,µãƒ¼ãƒ"ã,¹ ãƒ«ãƒ¼ã,¿ï¼ˆASRï¼‰9000 ã,·ãƒªãƒ¼ã,ºã�«ã�Šã�„ã�¦ã€�æ¬¡ã�®æ�¡ä»¶ã�Œæº€ã�Ÿã�•ã,Œã�Ÿå ´å�ˆã�«å½±éŸ¿ã,

- ãƒ«ãƒ¼ã,¿ã�§ Cisco IOS XR ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒªãƒªãƒ¼ã,¹ 5.3.4 ã�Œå®Ÿè¡Œã�•ã,Œã�¦ã�„ã,‹ã€,
- ãƒ«ãƒ¼ã,¿ã�« Trident ãƒ™ãƒ¼ã,¹ ãƒ©ã,¤ãƒ³ ã,«ãƒ¼ãƒ‰ã�Œæ�è¼‰ã�•ã,Œã�¦ã�Šã,Šã€�IPv6 ã�§è¨å®šã�•ã,Œã�¦ã�„ã,‹ã€,

Cisco IOS XR ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒªãƒªãƒ¼ã,¹ã�®å ˆ¤å ˆ¥

ãƒ‡ãƒ�ã,¤ã,¹ä¸Šã�§å®Ÿè¡Œã�•ã,Œã�¦ã�„ã,‹ Cisco IOS XR ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒªãƒªãƒ¼ã,¹ã�¨ã��ã,Œã,'å®Ÿè¡Œã�—ã�¦ã�„ã,‹ãƒ‡ãƒ�ã,¤ã,¹ã�®å��å‰�ã�¯ã€�ç®¡ç� ã�§ show version ã,³ãƒžãƒ³ãƒ‰ã,'ä½¿ç"¨ã�™ã,‹ã�"ã�¨ã�«ã,ˆã,Šç¢ºèª�ã�§ã��ã�¾ã�™ã€,ãƒ‡ãƒ�ã,¤ã,¹ã�Œ Cisco IOS XR ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã,'å®Ÿè¡Œã�—ã�¦ã�„ã,‹å ´å�ˆã€�ã,·ã,¹ãƒ†ãƒ ãƒ�ãƒŠãƒ¼ã�«ã€ŒCisco IOS XR Software ã€�ã�ªã�©ã�®ãƒ†ã,ã,¹ãƒˆã�Œè¡¨ç¤ºã�•ã,Œã�¾ã�™ã€,ãƒ‡ãƒ�ã,¤ã,¹ã�§ç�¾åœ¨å®Ÿè¡Œã ã,¤ãƒ¡ãƒ¼ã,¸ ãƒ•ã,¡ã,¤ãƒ«ã�®å ´æ‰€ã�¨å��å‰�ã�¯ã€�ã€ŒSystem image file isã€�ã�®æ¨ªã�«è¡¨ç¤ºã�•ã,Œã�¾ã�™ã€,ãƒ�ãƒ¼ãƒ‰ã,¦ã,§ã,¢è£½å"�ã�®å��å‰�ã�¯ ã ã,¤ãƒ¡ãƒ¼ã,¸ ãƒ•ã,¡ã,¤ãƒ«å��ã�®æ¬¡ã�®è¡Œã�«è¡¨ç¤ºã�•ã,Œã�¾ã�™ã€,

æ¬¡ã�«ã€�Cisco IOS XR ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒªãƒªãƒ¼ã,¹ 5.3.4 ã�Œå®Ÿè¡Œã�•ã,Œã�¦ã�„ã,‹ãƒ‡ãƒ�ã,¤ã,¹ã�§ã�® **show version ã,³ãƒžãƒ³ãƒ‰ã�®å‡ºåŠ›ä¾‹ã,'ç¤ºã�—ã�¾ã�™ã€,**

```
<#root>

RP/0/RSP0/CPU0:ASR9001#

show version

Wed Jan 24 01:32:32.751 EST
```

```
Cisco IOS XR Software, Version 5.3.4

[Default]
Copyright (c) 2017 by Cisco Systems, Inc.

ROM: System Bootstrap, Version 2.04(20140227:092320) [ASR9K ROMMON],

ASR9001 uptime is 6 hours, 17 minutes
System image file is "bootflash:disk0/asr9k-os-mbi-5.3.4.sp4-1.0.0/0x100000/mbiasr9k-rp.vm"

cisco ASR9K Series (P4040) processor with 8388608K bytes of memory.
P4040 processor at 1500MHz, Revision 2.0
ASR-9001 Chassis

2 Management Ethernet
8 TenGigE
20 GigabitEthernet
8 DWDM controller(s)
8 WANPHY controller(s)
44 GigabitEthernet/IEEE 802.3 interface(s)
219k bytes of non-volatile configuration memory.
2880M bytes of hard disk.
3932144k bytes of disk0: (Sector size 512 bytes).

Configuration register on node 0/RSP0/CPU0 is 0x2102
```

ãƒ‡ãƒ�ã,¤ã,¹ã�« Trident ãƒ™ãƒ¼ã,¹ ãƒ©ã,¤ãƒ³ ã,«ãƒ¼ãƒ‰ã�Œæ�è¼‰ã�•ã,Œã�¦ã�„ã,‹ã�‹ã�®ç¢ºèª�

Cisco ASR 9000 ã,·ãƒªãƒ¼ã,º ã,¤ãƒ¼ã,µãƒ�ãƒƒãƒˆ ãƒ©ã,¤ãƒ³ã,«ãƒ¼ãƒ‰ã�®ç¬¬ 1 ä¸–ä»£ã�¯ã€�é€šå¸¸ Trident ãƒ™ãƒ¼ã,¹ï¼ˆã�¾ã�Ÿã�¯ã,¤ãƒ¼ã,µãƒ�ãƒƒãƒˆï¼‰ãƒ©ã,¤ãƒ³ã,«ãƒ¼ãƒ‰ã�¨å'¼ã�°ã,Œã�¾ã� ãƒ—ãƒã,»ãƒƒã,µï¼ˆNPï¼‰ã�«ç"±æ�¥ã�—ã�¾ã�™ã€,å½±éŸ¿ã,'å�—ã�'ã,‹ Trident ãƒ™ãƒ¼ã,¹ ãƒ©ã,¤ãƒ³ ã,«ãƒ¼ãƒ‰ã�¯ã€�ä»¥ä¸‹ã�«ã�ªã,Šã�¾ã�™ã€,ä»¥ä¸‹ã�«è¨˜è¼‰ã�•ã,Œã�¦ã�„ã�ªã�„ãƒ ã,«ãƒ¼ãƒ‰ã�¯ã€�æœ¬è„†å¼±æ€§ã�®å½±éŸ¿ã,'å�—ã�'ã�¾ã�›ã,“ã€,

- A9K-40GE-L
- A9K-40GE-B
- A9K-40GE-E
- A9K-4T-L
- A9K-4T-B
- A9K-4T-E
- A9K-8T/4-L
- A9K-8T/4-B
- A9K-8T/4-E
- A9K-2T20GE-L

- A9K-2T20GE-B
- A9K-2T20GE-E
- A9K-8T-L
- A9K-8T-B
- A9K-8T-E
- A9K-16/8T-B

ASR 9000 ã,·ãƒªãƒ¼ã,º ãƒ«ãƒ¼ã,¿ã�«æ�è¼‰ã�•ã,Œã�¦ã�„ã,‹ãƒ©ã,¤ãƒ³ ã,«ãƒ¼ãƒ‰ã�Œ Trident ãƒ™ãƒ¼ã,¹ã�®ã,,ã�®ã�‹ã,'ç¢ºèª�ã�™ã,‹ã�«ã�¯ã€�ç®¡ç�†è€…ã�¯ **show diag | | include PID:**ã,³ãƒžãƒ³ãƒ‰ã,'ä½¿ç"¨ã�—ã�¾ã�™ã€,ãƒ‡ãƒ�ã,¤ã,¹ã�Œå½±éŸ¿ã,'å�—ã�'ã,‹å ´å�ˆã�¯ã€� Trident ãƒ™ãƒ¼ã,¹ ãƒ©ã,¤ãƒ³ ã,«ãƒ¼ãƒ‰ã�®è£½å"� IDï¼ˆPIDï¼‰ã�Œã€�1 ã�¤ä»¥ä¸Šå�«ã�¾ã,Œã�¾ã�™ã€,æ¬¡ã�®ä¾‹ã�§ã�¯ã€�A9K-8T-L ã�®ã,«ãƒ¼ãƒ‰ã�Œãƒ‡ãƒ�ã,¤ã,¹ã�§ã,¢ã,¯ãƒ†ã,£ãƒ–ã�«ã�ªã�£ã�¦ã�„ã�¾ã�™ã€,

<#root>

```
RP/0/RSP0/CPU0:ASR9006-B#show diag | include PID:
Tue Jan 26 00:07:09.406 EST
  PID:    A9K-RSP440-SE
  PID:    A9K-RSP440-SE
  PID:    A9K-8X100GE-SE

PID:   A9K-8T-L

  PID:    A9K-36X10GE-SE
  PID:    A9K-MOD160-TR
  PID:    A9K-MPA-8X10GE
  PID:    A9K-MPA-8X10GE
RP/0/RSP0/CPU0:ASR9006-B#
```

Tridentãƒ™ãƒ¼ã,¹ã�®ãƒ©ã,¤ãƒ³ã,«ãƒ¼ãƒ‰ã�®è©³ç´°ã�«ã�¤ã�„ã�¦ã�¯ã€�æ¬¡ã�®URLã�« 9000 Series Line Card Typesã€�ã,'å�,ç…§ã�—ã�¦ã��ã� ã�•ã�„ã€,
https://www.cisco.com/c/en/us/support/docs/routers/asr-9000-series-aggregation-services-routers/116726-qanda-product-00.html

ãƒ‡ãƒ�ã,¤ã,¹ã�Œ IPv6 ã�«å¯¾å¿œã�™ã,‹è¨å®šã�«ã�ªã�£ã�¦ã�„ã,‹ã�‹ã�©ã�†ã�‹ã�®ç¢ºèª�

ç®¡ç�†è€…ã�¯ **show ipv6 interface brief ã,³ãƒžãƒ³ãƒ‰ã,'ä½¿ç"¨ã�—ã�¦ã€�ã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã�§ IPv6 ãƒˆãƒ©ãƒ•ã,£ãƒƒã,¯ã�®å‡¦ç�†ã�Œæœ‰åŠ¹ã�«ã�ªã�£ã�¦ã�„ã,‹ã�‹ã,'ç¢ºèª�ã�§ã�** ã�Œå‡¦ç�†ã�§ã��ã,‹ã,ˆã�†ã�«è¨å®šã�•ã,Œã�Ÿã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã�®ä¾‹ã,'æ¬¡ã�

```
RP/0/RP0/CPU0:router# show ipv6 interface brief
GigabitEthernet0/2/0/0 [Up/Up]
fe80::212:daff:fe62:c150
202::1
.
.
.
```

**show ipv6 interface brief ã�§ã�¯ã€�å®Ÿè¡Œä¸ã�® Cisco IOS XR ã,½ãƒ•ãƒˆã,¦ã,§ã,¢
ãƒ�ãƒ¼ã,¸ãƒ§ãƒ³ã�§ IPv6
ã�Œã,µãƒ�ãƒ¼ãƒˆã�•ã,Œã�¦ã�„ã�ªã�„å ´å�ˆã€�ã,¨ãƒ©ãƒ¼
ãƒ¡ãƒƒã,»ãƒ¼ã,¸ã�Œç”Ÿæˆ�ã�•ã,Œã�¾ã�™ã€,**ã�¾ã�Ÿã€�IPv6
ã�Œç„¡åŠ¹ã�«ã�ªã�£ã�¦ã�„ã,‹å ´å�ˆã�¯ã€�IPv6
ã,¢ãƒ‰ãƒ¬ã,¹ã,’æŒ�ã�¤ã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã�Œä¸€åˆ‡è¡¨ç¤ºã�•ã,Œã�¾ã�›ã,“ã€,

ã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã�Œãƒ�ãƒ³ãƒ‰ãƒ«ã�®ä¸€éƒ¨ã,„ã€�VRFï¼ˆVirtual Routing and
Forwardingï¼‰ã,¤ãƒ³ã,¹ã,¿ãƒ³ã,¹ã�§ã�,ã,‹å ´å�ˆã�¯ã€�IPv6
ã�Œå‡¦ç�†ã�§ã��ã,‹ã,ˆã�†ã�«è¨å®šã�•ã,Œã�¦ã�„ã�¦ã,‚ã€� **show ipv6 interface
brief
ã,³ãƒžãƒ³ãƒ‰ã�®å‡ºåŠ›ã�«è¡¨ç¤ºã�•ã,Œã�ªã�„å ´å�ˆã�Œã�,ã,Šã�¾ã�™ã€,**ã�"ã�®ã,ˆ
**show ipv6 vrf all interface
ã,³ãƒžãƒ³ãƒ‰ã,'ä½¿ç"¨ã�™ã,Œã�°ã€�ã�©ã�®ã,ˆã�†ã�ªã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã�®è¨å®**
VRF ã,¤ãƒ³ã,¹ã,¿ãƒ³ã,¹ã,'å‰²ã,Šå½"ã�¦ã,‰ã,Œã�Ÿã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã�Œ IPv6
ã�§è¨å®šã�•ã,Œã�¦ã�„ã,‹å ´å�ˆã€� **show ipv6 vrf all interface
ã,³ãƒžãƒ³ãƒ‰ã�®å‡ºåŠ›ã�¯æ¬¡ã�®ã,ˆã�†ã�«ã�ªã,Šã�¾ã�™ã€,**

```
RP/0/RP0/CPU0:Router#show ipv6 vrf all interface
.
.
.
Bundle-Ether4.765 is Up, ipv6 protocol is Up, Vrfid is FDA (0x60000001)
  IPv6 is enabled, link-local address is fe80::21d:a2ff:aabb:ccdd
  Global unicast address(es):
    2001:db8:1:1::1, subnet is 2001:db8:1:1::/64
  Joined group address(es): ff02::1:ff00:0 ff02::1:aabb:ccdd ff02::2
      ff02::1
  MTU is 1518 (1500 is available to IPv6)
  ICMP redirects are disabled
  ICMP unreachables are enabled
  ND DAD is enabled, number of DAD attempts 1
  ND reachable time is 0 milliseconds
  ND advertised retransmit interval is 0 milliseconds
  Hosts use stateless autoconfig for addresses.
  Outgoing access list is not set
  Inbound  access list is not set
  Table Id is 0xe0800001
```

è„†å¼±æ€§ã‚’å�«ã‚“ã�§ã�„ã�ªã�„ã�“ã�¨ã�Œç¢ºèª�ã�•ã‚Œã�Ÿè£½å“�

ä»–ã�®ã‚·ã‚¹ã‚³è£½å“�ã�«ã�Šã�„ã�¦ã€�ã�“ã�®ã‚¢ãƒ‰ãƒ�ã‚¤ã‚¶ãƒªã�®å½±éŸ¿ã‚’å�—ã

Cisco ã‚¢ã‚°ãƒªã‚²ãƒ¼ã‚·ãƒ§ãƒ³ ã‚µãƒ¼ãƒ“ã‚¹ ãƒ«ãƒ¼ã‚¿ï¼ˆASRï¼‰9000
ã‚·ãƒªãƒ¼ã‚ºã�§ã€�Trident ãƒ™ãƒ¼ã‚¹ ãƒ©ã‚¤ãƒ³
ã‚«ãƒ¼ãƒ‰ã�Œæ�è¼‰ã�•ã‚Œã�¦ã�„ã�ªã�„å ´å�ˆã€�Cisco IOS XR
ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ ãƒªãƒªãƒ¼ã‚¹ 5.3.4 ã‚’å®Ÿè¡Œã�—ã�¦ã�„ã�ªã�„å ´å�ˆã€�IPv6
ã‚’æœ‰åŠ¹ã�«ã�—ã�¦ã�„ã�ªã�„å ´å�ˆã�¯å½±éŸ¿ã‚’å�—ã�‘ã�¾ã�›ã‚“ã€‚

ä»–ã�®ãƒ‡ãƒ�ã‚¤ã‚¹ã�§ã€�Cisco IOS XR
ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã‚’å®Ÿè¡Œã�—ã�¦ã�„ã‚‹å ´å�ˆã�¯å½±éŸ¿ã‚’å�—ã�‘ã�¾ã�›ã‚“ã€‚

ã‚»ã‚ãƒ¥ãƒªãƒ†ã‚£ä¾µå®³ã�®ç—•è·¡

æœ¬è„†å¼±æ€§ã‚’ä¸�æ£åˆ©ç”¨ã�™ã‚‹ã�“ã�¨ã�§ã€�Trident ãƒ™ãƒ¼ã‚¹ ãƒ©ã‚¤ãƒ³
ã‚«ãƒ¼ãƒ‰ã�Œãƒªãƒãƒ¼ãƒ‰ã�•ã‚Œã€�æ¬¡ã�«ç¤ºã�™ã‚ˆã�†ã�ªé¡žä¼¼ã�®ã‚¨ãƒ©ãƒ¼
ãƒ¡ãƒƒã‚»ãƒ¼ã‚¸ã�Œç”Ÿæˆ�ã�•ã‚Œã�¾ã�™ã€‚

```
LC/0/6/CPU0:pfm_node_lc[285]: %PLATFORM-DIAGS-0-LC_NP_LOOPBACK_FAILED_RX_PATH : Set|online_diag_lc[16392
LC/0/6/CPU0:prm_server_tr[296]: %PLATFORM-NP-0-INIT_ERR : *** Error 0xA0003F03 : prm_np_fast_reset : Cha
LC/0/6/CPU0:prm_server_tr[296]: %PLATFORM-NP-4-FAULT : Line card needs to be reloaded, a reboot is being

LC/0/5/CPU0:prm_server_tr[296]: %PLATFORM-NP-0-INIT_ERR : *** Error 0xA0003F03 : prm_np_fast_reset : Cha
LC/0/5/CPU0:prm_server_tr[296]: %PLATFORM-NP-4-FAULT : Line card needs to be reloaded, a reboot is being
LC/0/5/CPU0:syslog_dev[88]: prm_server_tr[296] PID-163922: reboot internal start: cause code 27 cause Fa
```

ã�“ã‚Œã‚‰ã�®ãƒ¡ãƒƒã‚»ãƒ¼ã‚¸ã�Œå®Ÿéš›ã�®ä¸�æ£åˆ©ç”¨ã‚’ç¤ºã�™ã‚‚ã�®ã�‹ã�©ã�†ã�‹æ

å›žé�¿ç–

ã�“ã�®è„†å¼±æ€§ã�«å¯¾å‡¦ã�™ã‚‹å›žé�¿ç–ã�¯ã�‚ã‚Šã�¾ã�›ã‚“ã€‚

ä¿®æ£æ¸ˆã�¿ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢

ã‚·ã‚¹ã‚³ã�¯ã�“ã�®ã‚¢ãƒ‰ãƒ�ã‚¤ã‚¶ãƒªã�«è¨˜è¼‰ã�•ã‚Œã�Ÿè„†å¼±æ€§ã�«å¯¾å‡¦ã�™ã‚‹ç„¡
ãƒ�ãƒ¼ã‚¸ãƒ§ãƒ³ã�¨ãƒ•ã‚£ãƒ¼ãƒ�ãƒ£
ã‚»ãƒƒãƒˆã�«å¯¾ã�—ã�¦ã�®ã�¿ã�¨ã�ªã‚Šã�¾ã�™ã€‚ã��ã�®ã‚ˆã�†ã�ªã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚

https://www.cisco.com/c/en/us/products/end-user-license-agreement.html

ã�¾ã�Ÿã€�ã�Šå®¢æ§˜ã�Œã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã,'ãƒ€ã,¦ãƒ³ãƒãƒ¼ãƒ‰ã�§ã��ã,‹ã�®ã�¯ã€�ã,
ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã�§ã�™ã€‚ç„¡å„Ÿã�®ã,»ã,ãƒ¥ãƒªãƒ†ã,£ ã,½ãƒ•ãƒˆã,¦ã,§ã,¢
ã,¢ãƒƒãƒ—ãƒ‡ãƒ¼ãƒˆã�«ã,ˆã�£ã�¦ã€�ã�Šå®¢æ§˜ã�«æ–°ã�—ã�„ã,½ãƒ•ãƒˆã,¦ã,§ã,¢
ãƒ©ã,¤ã,»ãƒ³ã,¹ã€�è¿½åŠ ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒ•ã,£ãƒ¼ãƒ�ãƒ£
ã,»ãƒƒãƒˆã€�ã�¾ã�Ÿã�¯ãƒ¡ã,¸ãƒ£ãƒ¼ ãƒªãƒ“ã,¸ãƒ§ãƒ³
ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã�«å¯¾ã�™ã,‹æ¨©é™�ã�Œä»˜ä¸Žã�•ã,Œã,‹ã�"ã�¨ã�¯ã�,ã,Šã�¾ã�

ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�®ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã,'æ¤œè¨Žã�™ã,‹éš›ã�«ã�¯ã€�[ã,·ã,¹ã,³ã�®ã,»ã,ãƒ
Security Advisories and Alertsï¼‰]
ãƒšãƒ¼ã,¸ã�§å…¥æ‰‹ã�§ã��ã,‹ã,·ã,¹ã,³è£½å"�ã�®ã,¢ãƒ‰ãƒ�ã,¤ã,¶ãƒªã,'å®šæœŸçš„ã�«å�,ç
ã,½ãƒªãƒ¥ãƒ¼ã,·ãƒ§ãƒ³ã,'ç¢ºèª�ã�—ã�¦ã��ã� ã�•ã�„ã€,

ã�„ã�šã,Œã�®å ´å�ˆã,,ã€�ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã�™ã,‹ãƒ‡ãƒ�ã,¤ã,¹ã�«å��å^†ã�ªãƒ¡ãƒ¢ã
Technical Assistance
Centerï¼ˆTACï¼‰ã,,ã�—ã��ã�¯å¥'ç´„ã�—ã�¦ã�„ã,‹ãƒ¡ãƒ³ãƒ†ãƒŠãƒ³ã,¹ãƒ—ãƒãƒ�ã,¤ãƒ€ãƒ¼ã�«

ã,µãƒ¼ãƒ"ã,¹å¥'ç´„ã,'ã�"åˆ©ç"¨ã�§ã�ªã�„ã�Šå®¢æ§˜

ã,·ã,¹ã,³ã�‹ã,‰ç›´æŽ¥è³¼å…¥ã�—ã�Ÿã�Œ Cisco Service Contract
ã,'ã�"åˆ©ç"¨ã�„ã�Ÿã� ã�„ã�¦ã�„ã�ªã�„å ´å�ˆã€�ã�¾ã�Ÿã€�ã,µãƒ¼ãƒ‰ãƒ'ãƒ¼ãƒ†ã,£ãƒ™
POS ã�‹ã,‰å…¥æ‰‹ã�§ã��ã�ªã�„å ´å�ˆã�¯ã€�Cisco TAC
ã�«é€£çµ¡ã�—ã�¦ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã,'å…¥æ‰‹ã�—ã�¦ã��ã� ã�•ã�„ã€,
https://www.cisco.com/c/en/us/support/web/tsd-cisco-worldwide-contacts.html

ç„¡å„Ÿã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã�®å¯¾è±¡è£½å"�ã�§ã�,ã,‹ã�"ã�¨ã,'è¨¼æ˜Žã�—ã�¦ã�„ã�Ÿã
URL ã,'ã�"ç"¨æ„�ã��ã� ã�•ã�„ã€,

ä¿®æ£æ¸ˆã�¿ãƒªãƒªãƒ¼ã,¹

æœ¬è„†å¼±æ€§ã�«å¯¾å‡¦ã�™ã,‹ã�Ÿã,�ã�®ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒ¡ãƒ³ãƒ†ãƒŠãƒ³ã,¹
ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ï¼ˆSMUï¼‰ã�Œç"¨æ„�ã�•ã,Œã�¦ã�„ã�¾ã�™ã€,ã�¾ã�Ÿã€�Cisco
IOS XR ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒªãƒªãƒ¼ã,¹ 5.3.4 ã�®ã,µãƒ¼ãƒ"ã,¹ ãƒ'ãƒƒã,¯ 7
ã�«ã,,ä¿®æ£ã�Œå�«ã�¾ã,Œã�¦ã�„ã�¾ã�™ã€,

IOS XR ãƒªãƒªãƒ¼ã,¹	SMU ID	SMU/ã,µãƒ¼ãƒ"ã,¹ ãƒ'ãƒƒã,¯å��
5.3.4	AA13804	asr9k-px-5.3.4.CSCvg46800.tar
5.3.4	AA13870	asr9k-px.5.3.4.sp7.tar

SMU ã�Šã,ˆã�³ã,µãƒ¼ãƒ"ã,¹ ãƒ'ãƒƒã,¯ã�¯ã€�Cisco.com ã�® Software Center ã�‹ã,‰ãƒ€ã,¦ãƒ³ãƒãƒ¼ãƒ‰ã�§ã��ã�¾ã�™ã€,SMU ã�®å ´å�ˆã�¯ **IOS XR Software Maintenance Upgrades (SMU)-5.3.4ã€�ã,µãƒ¼ãƒ"ã,¹ ãƒ'ãƒƒã,¯ã�®å ´å�ˆã�¯ IOS XR**

Service Packs-5.3.4 ã�«ç§»å‹•ã�—ã�¦ã��ã� ã�•ã�„ã€‚

ä¸�æ£å ˆ©ç”¨äº‹ä¾‹ã�¨å…¬å¼�ç™ºè¡¨

Cisco Product Security Incident Response Teamï¼ˆPSIRTï¼‰ã�¯ã€�æœ¬ã‚¢ãƒ‰ãƒ�ã‚¤ã‚¶ãƒªã�«è¨˜è¼‰ã�•ã‚Œã�¦ã�„ã‚‹è„†å¼±æ€§ã�

å‡ºå…¸

ã�“ã�®è„†å¼±æ€§ã�¯ Cisco TAC ã‚µãƒ�ãƒ¼ãƒˆã‚±ãƒ¼ã‚¹ã�®è§£æ±ºä¸ã�«ç™ºè¦‹ã�•ã‚Œã�¾ã�—ã�Ÿã€‚

URL

https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20180131-ipv6

æ”¹è¨‚å±¥æ´

ãƒ�ãƒ¼ã‚¸ãƒ§ãƒ³	èª¬æ˜Ž	ã‚»ã‚¯ã‚·ãƒ§ãƒ³	ã‚¹ãƒ†ãƒ¼ã‚¿ã‚¹	æ—¥ä»˜
1.0	å ˆ�å›žå…¬é–‹ãƒªãƒªãƒ¼ã‚¹	-	Final	2018 å¹´ 1 æœˆ 31 æ—¥

åˆ©ç”¨è¦�ç´„

æœ¬ã‚¢ãƒ‰ãƒ�ã‚¤ã‚¶ãƒªã�¯ç„¡ä¿�è¨¼ã�®ã‚‚ã�®ã�¨ã�—ã�¦ã�”æ��ä¾›ã�—ã�¦ã�Šã‚Šã€
æœ¬ã‚¢ãƒ‰ãƒ�ã‚¤ã‚¶ãƒªã�®æƒ…å ±ã�Šã‚ˆã�³ãƒªãƒ³ã‚¯ã�®ä½¿ç”¨ã�«é–¢ã�™ã‚‹è²¬ä»»ã�®ä¸€
ã�¾ã�Ÿã€�ã‚·ã‚¹ã‚³ã�¯æœ¬ãƒ‰ã‚ãƒ¥ãƒ¡ãƒ³ãƒˆã�®å†…å®¹ã‚’äºˆå‘Šã�ªã�—ã�«å¤‰æ›´ã�—ã�
æœ¬ã‚¢ãƒ‰ãƒ�ã‚¤ã‚¶ãƒªã�®è¨˜è¿°å†…å®¹ã�«é–¢ã�—ã�¦æƒ…å ±é…�ä¿¡ã�® URL
ã‚’çœ�ç•¥ã�—ã€�å�˜ç‹¬ã�®è»¢è¼‰ã‚„æ„�è¨³ã‚’æ–½ã�—ã�Ÿå ´å�ˆã€�å½“ç¤¾ã�Œç®¡ç�
ã�“ã�®ãƒ‰ã‚ãƒ¥ãƒ¡ãƒ³ãƒˆã�®æƒ…å ±ã�¯ã€�ã‚·ã‚¹ã‚³è£½å“�ã�®ã‚¨ãƒ³ãƒ‰ãƒ¦ãƒ¼ã‚¶ã‚’å¯¾è±¡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。