Cisco NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ 802.1X ã�® Extensible Authentication Protocol over LAN ã�«ã�Šã�‘ã,‹ã,µãƒ¼ãƒ“ã,¹å¦¨å®³ã�«é–¢ã�™

High

ã,¢ãƒ‰ãƒ�ã,¤ã,¶ãƒªãƒ¼ID : cisco-sa-20190306-nx-os-lan-auth

å^�å...¬é–‹æ—¥ : 2019-03-06 16:00

ãƒ�ãƒ¼ã,¸ãƒ§ãƒ³ 1.0 : Final

CVSSã,¹ã,³ã,¢ : 7.4

å›žé�¿ç– : No workarounds available

Cisco ãƒ�ã,° ID : CSCvj22447 CSCvj22449 CSCvi93959 CSCvj22443 CSCvj22446

CVE-2019-1594

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

æ¦‚è¦

Cisco NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�® 802.1X å®Ÿè£…ã�«ã�Šã�‘ã,‹è„†å¼±æ€§ã�«ã,^ã,Šã€�èª�è¨¼ã�•ã,Œã�¦ã�„ã�ªã�„éš£æŽ¥ã�™ã,‹æ”»æ’ƒè€…ã,’

ã�“ã�®è„†å¼±æ€§ã�¯ã€�Extensible Authentication Protocol over LANï¼^EAPOLï¼‰ãƒ•ãƒ¬ãƒ¼ãƒ ã�®å...¥åŠ›æ¤œè¨¼ã,Œå®Œå...¨ã,«è¡Œã,Œã,Œã,ªã,„ã,“ã,¨æ”»æ’ƒè€…ã,Œã€ç´°å·¥ã,•ã,Œã,Ÿ EAPOL ãƒ•ãƒ¬ãƒ¼ãƒ ã,’ã€å¯¾è±¡ã,¨ã,ªã,‹ãƒ‡ãƒ•ã,¤ã,¹ã,®ã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã,«é€ä¿¡ã,™ã,‹ã,¨ã,¯ã,¹ãƒ—ãƒã,¤ãƒˆã,«æˆ•åŠŸã,™ã,‹ã,¨ã€æ”»æ’ƒè€…ã,¯ã€ãƒ¬ã,¤ãƒ¤ 2ï¼^L2ï¼‰ã,®è»¢é€ãƒ—ãƒã,»ã,¹ã,’è¤‡æ•°å›žå†•è¡µå‹•ã,•ã,Œã,·ã,¹ãƒ†ãƒ ãƒ¬ãƒ™ãƒ«ã,®ãƒ DoS çŠ¶æ…‹ã,’å¼•ã••èµ·ã,“ã,‹ã,ˆã,†ã,«ã,ªã,Šã,¾ã,™ã€,

æ³¨: ã,“ã,®è„†å¼±æ€§ã,¯ã€802.1X æ©Ÿèƒ½ã,Œè¨å®šã,•ã,Œã,Ÿ NX-OS ãƒ‡ãƒ•ã,¤ã,¹ã,«ã,®ã,¿å½±éŸ¿ã,’ä¸Žã,^ã,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,’ãƒªãƒªãƒ¼ã,¹ã,—ã,¾ã,—ã,Ÿã€, ã,“ã,®è„†å¼±æ€§ã,«å¯¾å‡¦ã,™ã,‹å›žé¿ç–ã,¯ã,ã,Šã,¾ã,›ã,“ã€,

ã,“ã,®ã,¢ãƒ‰ãƒ�ã,¤ã,¶ãƒªãƒ¼ã,¯ã€,æ¬¡ã,®ãƒªãƒ³ã,¯ã,^ã,Šç¢ºèª�ã,§ã,,ã,¾ã,™ã€,

https://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20190306-nx-os-lan-auth

ã“ã®ã‚¢ãƒ‰ãƒã‚¤ã‚¶ãƒªãƒ¯ã€2019 å¹´ 3
月㫅公開された Cisco FXOS ã‚ˆã³ NX-OS
ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã‚¤ãƒ¡ãƒ¼ã‚¸ã®
ãƒ‡ãƒ•ã‚©ãƒ«ãƒˆè¨å®šã‚’使用して㄀台ã€ã‚ã‚‹ã„㯠2 台㫮
ä»¶ã®è„†å¼±æ€§ã«é–¢ã™ã‚‹ 25 ä»¶ã®ã‚·ã‚¹ã‚³
ã‚¢ãƒ‰ãƒã‚¤ã‚¶ãƒªãŒå«ã¾ã‚Œã¦ã„ã¾ã™ã€‚
ã“ã‚Œã‚‰ã®ã‚¢ãƒ‰ãƒã‚¤ã‚¶ãƒªã¯ã€ä¸€è¦§ã«ã¤ã„ã¦ã¯ã€ä»¥ä¸‹ã‚’å
[ã‚·ã‚¹ã‚³ã®ã¤ãƒ™ãƒ³ãƒˆå¯¾å¿œï¼š 2019 å¹´ 3 月㫮å…¬é–‹ã•ã‚Œã Ÿ Cisco FXOS
ã‚Šã‚ˆã³ NX-OS ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ ã‚¤ãƒ¡ãƒ¼ã‚¸ã®
ãƒ‡ãƒ•ã‚©ãƒ«ãƒˆ](ã€,

è©²å½“è£½å“

è„†å¼±æ€§ã®ã‚ã‚‹è£½å“

ã“ã®è„†å¼±æ€§ã¯ã€Cisco NX-OS
ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã‚¤ãƒ¡ãƒ¼ã‚¸ã‚’実行ã—ã¦ã„ã‚‹ã€ã‚ãªãŸã®è£½å“ã—ã‚Šã€Šã€802.1X
æ©Ÿèƒ½ã€Œæœ‰åŠ¹ã«ã€ªã£ã¦ã„ã‚‹ã‚¤ãƒ³ã‚¿ãƒ¼ãƒ•ã‚§ã‚¤ã‚¹ã‚’æ¬ã¤ã€ã‚·ã‚¹ã‚³è£½å“ã«å½±éŸ¿ã‚’与ã€ã

- Nexus 1000V Switch for VMware vSphere
- Nexus 2000 ã‚·ãƒªãƒ¼ã‚º ãƒ•ã‚¡ãƒ–ãƒªãƒƒã‚¯ ã‚¨ã‚¯ã‚¹ãƒ†ãƒ³ãƒ€
- Nexus 3000 ã‚·ãƒªãƒ¼ã‚º ã‚¹ã‚¤ãƒƒãƒ[1]
- Nexus 3500 ãƒ—ãƒ©ãƒƒãƒˆãƒ•ã‚©ãƒ¼ãƒ ã‚¹ã‚¤ãƒƒãƒ[1]
- Nexus 5500 ãƒ—ãƒ©ãƒƒãƒˆãƒ•ã‚©ãƒ¼ãƒ ã‚¹ã‚¤ãƒƒãƒ
- Nexus 5600 ãƒ—ãƒ©ãƒƒãƒˆãƒ•ã‚©ãƒ¼ãƒ ã‚¹ã‚¤ãƒƒãƒ
- Nexus 6000 ã‚·ãƒªãƒ¼ã‚º ã‚¹ã‚¤ãƒƒãƒ
- Nexus 7000 ã‚·ãƒªãƒ¼ã‚º ã‚¹ã‚¤ãƒƒãƒ
- Nexus 7700 ã‚·ãƒªãƒ¼ã‚º ã‚¹ã‚¤ãƒƒãƒ
- Nexus 9000 ã‚·ãƒªãƒ¼ã‚º ãƒ•ã‚¡ãƒ–ãƒªãƒƒã‚¯ ã‚¹ã‚¤ãƒƒãƒï¼ˆã‚¹ã‚¿ãƒ³ãƒ‰ã‚¢ãƒãƒ³
  ã‚¹ãƒˆãƒªãƒƒã‚¯ ã‚¤ãƒ³ãƒ•ã‚©ã‚¹ãƒˆãƒ©ã‚¯ãƒãƒ£ï¼ˆACIï¼‰ãƒ¢ãƒ¼ãƒ‰ï¼‰
- ã‚¹ãƒ‘ã‚¤ãƒ€ãƒ¼ NX-OS ãƒ¢ãƒ¼ãƒ‰ã® Nexus 9000 ã‚·ãƒªãƒ¼ã‚º ã‚¹ã‚¤ãƒƒãƒ[1]

[1]Nexus 3000ã€3500ã€ãŠã‚ˆã³ 9000 ãƒ‡ãƒã‚¤ã‚¹ã‚¹ã‚¤ãƒƒãƒã¯ã€7.0(3)I7
ãƒªãƒªãƒ¼ã‚¹ã§ã¾ã§ 802.1X
æ©Ÿèƒ½ã‚’ã‚µãƒãƒ¼ãƒˆã—ã¦ã„ã¾ã›ã‚“ã§ã—ãŸã€‚

è„†å¼±æ€§ã®ã‚ã‚‹ Cisco NX-OS ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢
ãƒªãƒªãƒ¼ã‚¹ã«ã¤ã„ã¦ã¯ã€ã“ã®ã‚¢ãƒ‰ãƒã‚¤ã‚¶ãƒªã®[ä¿®æ£æ¸ˆã¿ã‚½ãƒ•

802.1X ã�®è¨å®šã�®ç¢ºèª�

ã�“ã�®è„†å¼±æ€§ã�¯ã€�802.1X æ©Ÿèƒ½ã�Œè¨å®šã�•ã,Œã�Ÿ NX-OS ãƒ‡ãƒ�ã,¤ã,¹ã�«ã�®ã�¿å½±éŸ¿ã,'ä¸Žã�^ã�¾ã�™ã€, ã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã�§ 802.1X ã�Œæœ‰åŠ¹ã�«ã�ªã£ã¦ã„ã,µãƒ�ãƒ¼ãƒˆã•ã,Œã¦ã„ã,‹å ´å�ˆã€ NX-OS ãƒ‡ãƒ�ã,¤ã,¹ã¯ã€ã™ã¹ã¦ã¦ EAPOL ãƒ•ãƒ¬ãƒ ã,'ãƒ‰ãƒãƒƒãƒ—ã—ã¾ã™ã€,

NX-OS ã® CLI ã‹ã,‰ **show dot1x interface Ethernet** *slot / port* ã,³ãƒžãƒ³ãƒ‰ã,'ä½¿ç”¨ã™ã,‹ã“ã¨ã«ã,^ã,Šã€�ã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã�§ Nexus ãƒ‡ãƒ�ã,¤ã,¹ã�« 802.1X ã�Œè¨å®šã•ã,Œã¦ã„ã‚‹ã‹ã©ã†ã‹ã,'ç¢ºèª�ã�§ã��ã¾ã™ã€, ã,³ãƒžãƒ³ãƒ‰ã�®å‡ºåŠ›ã�Œè¿”ã•ã,Œã�Ÿå ´å�ˆã¯ã€�ã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã�§ 802.1X ã�Œè¨å®šã•ã,Œã¦ã„ã¾ã™ã€,

```
nxos-switch# showdot1x interface Ethernet1/2
Dot1x Info for Ethernet1/2
-----------------------------------
PAE = AUTHENTICATOR
PortControl = FORCE_AUTH
HostMode = SINGLE HOST
ReAuthentication = Disabled
QuietPeriod = 60
ServerTimeout = 30
SuppTimeout = 30
ReAuthPeriod = 3600 (Locally configured)
ReAuthMax = 2
MaxReq = 2
TxPeriod = 30
RateLimitPeriod = 0
InactivityPeriod = 0
Mac-Auth-Bypass = Disabled
```

è©³ç´°ã«ã¤ã„ã¦ã¯ã€€*Cisco NX-OS ã,»ã,ãƒ¥ãƒªãƒ†ã,£è¨å®šã,¬ã,¤ãƒ‰* ã€Œ802.1X ã®è¨å®šã€ã®ç« ã,'å�,ç…§ã—ã¦ã��ã• ã•ã„ã€,

Cisco NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒªãƒªãƒ¼ã,¹ã®å^¤å^¥

ç®¡ç�†è€…ã¯ã€�ãƒ‡ãƒ�ã,¤ã,¹ã�® CLI ã�§ **show version ã,³ãƒžãƒ³ãƒ‰**ã,'使ç”¨ã™ã,‹ã“ã«ã,^ã,Šã€ãƒ‡ãƒ�ã,¤ã,¹ã§å®Ÿè¡Œã•ã,Œã¦ã„ Cisco NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã®ãƒªãƒªãƒ¼ã,¹ã,'ãƒ�ã,§ãƒƒã,¯ã§ã��ã¾ã™ã€, ãƒ‡ãƒ�ã,¤ã,¹ã�Œ Cisco NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒªãƒªãƒ¼ã,¹ **7.0(3)I5(1)**

ã,'å®Ÿè¡Œã—ã¦ã„ã‚‹å ´å^ã€ã,³ãƒžãƒ³ãƒ‰ã®å‡ºåŠ›ä¾‹ã¯æ¬¡ã®ã,^ã†ã«ã•ã,Š

```
nxos-switch# show version
Cisco Nexus Operating System (NX-OS) Software
TAC support: http://www.cisco.com/tac
Copyright (C) 2002-2016, Cisco and/or its affiliates.
All rights reserved.
The copyrights to certain works contained in this software are
owned by other third parties and used and distributed under their own
licenses, such as open source.  This software is provided "as is," and
unless otherwise stated, there is no warranty, express or implied,
including but not limited to warranties of merchantability and fitness
for a particular purpose. Certain components of this software are
licensed under the GNU General Public License (GPL) version 2.0 or
GNU General Public License (GPL) version 3.0  or the GNU
Lesser General Public License (LGPL) Version 2.1 or
Lesser General Public License (LGPL) Version 2.0.
A copy of each such license is available at
http://www.opensource.org/licenses/gpl-2.0.php and
http://opensource.org/licenses/gpl-3.0.html and
http://www.opensource.org/licenses/lgpl-2.1.php and
http://www.gnu.org/licenses/old-licenses/library.txt.
Software
  BIOS: version 07.57
  NXOS: version 7.0(3)I5(1) [build 7.0(3)I5(0.9)]
  BIOS compile time:  06/29/2016
  NXOS image file is: bootflash:///nxos.7.0.3.I5.0.9.bin
  NXOS compile time:  8/1/2016 23:00:00 [08/02/2016 00:30:32]
  .
  .
  .
```

è„†å¼±æ€§ã,'å«ã,"ã§ã„ã•ªã„ã"ã¨ã"Œç¢ºèªã•ã,Œã"Ÿè£½å"

ã"ã®ã,¢ãƒ‰ãƒ¤ã,¤ã,¶ãƒªã®è„†å¼±æ€§ã"Œå˜åœ¨ã™ã,‹è£½å"ã®ã,»ã,¯ã,·ãƒ§ãƒ³ã«ãƒ

ã,·ã,¹ã,³ã¯€ã"ã®è„†å¼±æ€§ã"ä¥ä¸‹ã®ã,·ã,¹ã,³è£½å"«ã«¯å½±éŸ¿ã,'ä¸Žã^ã

- FirePOWER 2100 ã,·ãƒªãƒ¼ã,º ãƒ•ã,¡ã,¤ã,¢ã,¦ã,©ãƒ¼ãƒ«
- FirePOWER 4100 ã,·ãƒªãƒ¼ã,ºæ¬¡ä¸–ä»£ãƒ•ã,¡ã,¤ã,¢ã,¦ã,©ãƒ¼ãƒ«è£½å"
- Firepower 9300 ã,»ã,ãƒ¥ãƒªãƒ†ã,£ ã,¢ãƒ—ãƒ©ã,¤ã,¢ãƒ³ã,¹
- MDS 9000 ã,·ãƒªãƒ¼ã,º ãƒžãƒ«ãƒ
ãƒ¬ã,¤ãƒ¤ ã,¹ã,¤ãƒƒãƒ
- Nexus 1000V Switch for Microsoft Hyper-V
- Nexus 3600 ãƒ—ãƒ©ãƒƒãƒˆãƒ•ã,©ãƒ¼ãƒ ã,¹ã,¤ãƒƒãƒ
- Nexus 9500 R ã,·ãƒªãƒ¼ã,º ãƒ©ã,¤ãƒ³ã,«ãƒ¼ãƒ‰ã
Šã,^ã
³ãƒ•ã,¡ãƒ–ãƒªãƒƒã,¯ ãƒ¢ã,¸ãƒ¥ãƒ¼ãƒ«
- UCS 6200 ã,·ãƒªãƒ¼ã,º ãƒ•ã,¡ãƒ–ãƒªãƒƒã,¯ ã,¤ãƒ³ã,¿ãƒ¼ã,³ãƒ
ã,¯ãƒˆ
- UCS 6300 ã,·ãƒªãƒ¼ã,º ãƒ•ã,¡ãƒ–ãƒªãƒƒã,¯ ã,¤ãƒ³ã,¿ãƒ¼ã,³ãƒ
ã,¯ãƒˆ
- UCS 6400 ã,·ãƒªãƒ¼ã,º ãƒ•ã,¡ãƒ–ãƒªãƒƒã,¯

ã,¤ãƒ³ã,¿ãƒ¼ã,³ãƒ•ã,¯ãƒˆ

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„¡
ã,¢ãƒƒãƒ—ãƒ‡ãƒ¼ãƒˆã,'æ••ä¾›ã•—ã•¦ã•„ã•¾ã•™ã€,
ã•Šå®¢æ§˜ã•Œã,¤ãƒ³ã,¹ãƒˆãƒ¼ãƒ«ã•—ã•Ÿã,Šã,µãƒ•ãƒ¼ãƒˆã,'å•—ã•'ã•Ÿã,Šã•§ã••ã,‹ã•®ã
ãƒ•ãƒ¼ã,¸ãƒ§ãƒ³ã•¨ãƒ•ã,£ãƒ¼ãƒãƒ£
ã,»ãƒƒãƒˆã•«å¯¾ã•—ã•¦ã•®ã•¿ã•¨ã•ªã,Šã•¾ã•™ã€,
ã••ã•®ã,ˆã•†ã•ªã,½ãƒ•ãƒˆã,¦ã,§ã,¢
ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã,'ã,¤ãƒ³ã,¹ãƒˆãƒ¼ãƒ«ã€•ãƒ€ã,¦ãƒ³ãƒãƒ¼ãƒ‰ã•™ã,‹ã€•ã•¾ã•Ÿã•¯ã€•ã
ãƒ©ã,¤ã,»ãƒ³ã,¹ã•®æ•¡é …ã•«å¾“ã•†ã•“ã•¨ã•«å•Œæ„•ã•—ã•Ÿã•“ã•¨ã•«ã•ªã,Šã•¾ã
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,
é€šå„€ã€•ã•“ã,Œã•¯ä»¥å‰•è³¼å…¥ã•—ã•Ÿã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã•®ãƒ¡ãƒ³ãƒ†ãƒŠãƒ³ã,¹
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,£ãƒ¼ãƒãƒ£
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€•Cisco Security Advisories and Alerts 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•šã,Œã•®å ´å•^ã,,ã€•ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã•™ã,‹ãƒ‡ãƒ•ã,¤ã,¹ã•«å••åˆ†ã•ªãƒ¡ãƒ¢ãƒª
ä¸•æ˜Žã•ªç,¹ã•«ã•¤ã•„ã•¦ã•¯ã€•Cisco Technical Assistance Centerï¼ˆTACï¼‰ã,,ã•—ã••ã•¯å¥‘ç´„ã•—ã•¦ã•„ã,‹ãƒ¡ãƒ³ãƒ†ãƒŠãƒ³ã,¹
ãƒ—ãƒ•ã,¤ãƒ€ãƒ¼ã•«ã•Šå••ã•„å•^ã,•ã•›ã••ã• ã••ã•„ã€,

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•Œã,·ã,¹ã,³ã•®ã,µãƒ¼ãƒ“ã,¹å¥‘ç´„ã,'ã•”åˆ©ç”¨ã•„ã•Ÿã•
ãƒ™ãƒ³ãƒ€ãƒ¼ã•‹ã,‰è³¼å…¥ã•—ã•Ÿã•Œä¿®æ£æ¸ˆã•¿ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã,'è³¼å…¥å…ˆã•‹ã,‰å
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¨ã,'è¨¼æ˜Žã—ã¦ã„ã„ã€Ÿã
URL ã,'ã"ç"¨æ„ã•ã•ã• ã•ã„ã€,

ä¿®æ£æ¸ˆã¿ãƒªãƒªãƒ¼ã‚¹

ã"ã®é …ã®è©²å½"ã™ã,‹è¡¨ã«ç¤ºã™ã,^ã†ã«ã€é©ç‰ˆãƒªãƒªãƒ¼ã,¹ã«ã,¢ãƒƒ
å®Œå…¨ã•ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰
ã,½ãƒªãƒ¥ãƒ¼ã,·ãƒ§ãƒ³ã,'ç¢ºèª•ã™ã,‹ã«ã•,ã•Ÿã•£ã•¦ã•¯ã€•ã•"ã•®ã,¢ãƒ‰ãƒ•ã,¤ã,¶ãƒª
ãƒ•ãƒ³ãƒ‰ãƒ«
ã,¢ãƒ‰ãƒ•ã,¤ã,¶ãƒªã•®å®Œå…¨ã•ªãƒªã,¹ãƒˆã•¯ã€•æ¬¡ã•®ãƒšãƒ¼ã,¸ã«ã•,ã,Šã•¾ã•™ã€,
ã,·ã,¹ã,³ã•®ã,¤ãƒ™ãƒ³ãƒˆ ãƒ¬ã,¹ãƒ•ãƒ³ã,¹ï¼š 2019 å¹´ 3 æœˆã•«å…¬é–‹ã••ã,Œã•Ÿ Cisco
FXOS ã•Šã,^ã•³ NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã•®ã,»ã,ãƒ¥ãƒªãƒ†ã,£ ã,¢ãƒ‰ãƒ•ã,¤ã,¶ãƒª
ãƒ•ãƒ³ãƒ‰ãƒ«ã€,

æ¬¡ã•®è¡¨ã•§ã•¯ã€•å·¦ã•®å^—ã•« Cisco FXOS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã•¾ã•Ÿã•¯
Cisco NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã•®ãƒªãƒªãƒ¼ã,¹ã,'ç¤ºã•—ã•¦ã•„ã•¾ã•™ã€,
ä¸å¤®ã•®å^—ã•¯ã€•ãƒªãƒªãƒ¼ã,¹ã•Œã•"ã•®ã,¢ãƒ‰ãƒ•ã,¤ã,¶ãƒªã•«è¨˜è¼‰ã••ã,Œã•¦ã•
å•³ã•®å^—ã•§ã•¯ã€•ä»Šå›žã•®ã,¢ãƒ‰ãƒ•ã,¤ã,¶ãƒª
ãƒ•ãƒ³ãƒ‰ãƒ«ã•«è¨˜è¼‰ã••ã,Œã•Ÿè„†å¼±æ€§å…¨ä½"ã•«å¯¾ã•™ã,‹æœ€å^•ã•®ä¿®æ£ãƒª
ãƒªãƒªãƒ¼ã,¹ã•"ã•¨ã•«è¨˜è¼‰ã•—ã•¦ã•„ã•¾ã•™ã€,

å•„è¡¨ã•®å•³ã•®å^—ã•«è¨˜è¼‰ã••ã,Œã•¦ã•„ã,‹ãƒªãƒªãƒ¼ã,¹ã•«ã•¯ã€•è„†å¼±æ€§ã•«å
NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢
ã,¤ãƒ¡ãƒ¼ã,¸ã•®ç½²å••æ¤œè¨¼ã•«é–¢ã•™ã,‹è„†å¼±æ€§ã•«é–¢é€£ã•™ã,‹ä¿®æ£ã•«ã•¤ã•„
ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã•®ä¸éƒ¨ã•¨ã•—ã•¦ BIOS
ã,'ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã•™ã,‹å¿…è¦•ã•Œã•,ã,Šã•¾ã•™ã€,
ä»¥ä¸‹ã•«ç¤ºã•™ã•„ã•šã,Œã•‹ã•®è£½å“•ã•®ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã,'ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã
BIOS ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã•¨ã€•è©²å½"è£½å"•ã•® ID ã•Šã,^ã•³ BIOS
ãƒ•ãƒ¼ã,¸ãƒ§ãƒ³ã•®è©³ç´°ã,'å•,ç…§ã•™ã,‹ã•"ã•¨ã,'ã•Šå‹§ã,•ã•—ã•¾ã•™ã€,

- Nexus 3000 ã,·ãƒªãƒ¼ã,º ã,¹ã,¤ãƒƒãƒ•
- ACI ãƒ¢ãƒ¼ãƒ‰ã•® Nexus 9000 ã,·ãƒªãƒ¼ã,º ãƒ•ã,¡ãƒ–ãƒªãƒƒã,¯ ã,¹ã,¤ãƒƒãƒ•
- ã,¹ã,¿ãƒ³ãƒ‰ã,¢ãƒãƒ³ NX-OS ãƒ¢ãƒ¼ãƒ‰ã•® Nexus 9000 ã,·ãƒªãƒ¼ã,º ã,¹ã,¤ãƒƒãƒ•
- Nexus 9500 R ã,·ãƒªãƒ¼ã,º ãƒ©ã,¤ãƒ³ã,«ãƒ¼ãƒ‰ã•Šã,^ã•³ãƒ•ã,¡ãƒ–ãƒªãƒƒã,¯ ãƒ¢ã,¸ãƒ¥ãƒ¼ãƒ«

VMware vSphere å•'ã•' Nexus 1000V ã,¹ã,¤ãƒƒãƒ•ï¼š CSCvj22447

Cisco NX-OS ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ ãƒªãƒªãƒ¼ã‚¹	ã“ã®è„†å¼±æ€§ã«å¯¾ã™ã‚‹æœ€å˜ã®ä¿®æ£ãƒªãƒªãƒ¼ã‚¹	ãƒ©ã
5.2 ã‚ˆã‚Šå‰	5.2(1)SV3(1.4b)	5.2(1)S
5.2	5.2(1)SV3(1.4b) 5.2(1)SV3(4.1)	5.2(1)S

Nexus 3000 ã‚·ãƒªãƒ¼ã‚º ã‚¹ã‚¤ãƒƒãƒï¼š CSCvj22446

Cisco NX-OS ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ ãƒªãƒªãƒ¼ã‚¹	ã“ã®è„†å¼±æ€§ã«å¯¾ã™ã‚‹æœ€å˜ã®ä¿®æ£ãƒªãƒªãƒ¼ã‚¹	ãƒ©ã
7.0(3)I4 ã‚ˆã‚Šã‚‚å‰	è„†å¼±æ€§ã‚ªãƒ—	7.0(3)I7
7.0(3)I4	è„†å¼±æ€§ã‚ªãƒ—	7.0(3)I7
7.0(3)I5	è„†å¼±æ€§ã‚ªãƒ—	7.0(3)I7
7.0(3)I6	è„†å¼±æ€§ã‚ªãƒ—	7.0(3)I7
7.0(3)I7	7.0(3)I7(4)	7.0(3)I7
9.2	è„†å¼±æ€§ã‚ªãƒ—	9.2(2)

Nexus 3500 ãƒ—ãƒ©ãƒƒãƒˆãƒ•ã‚©ãƒ¼ãƒ ã‚¹ã‚¤ãƒƒãƒï¼š CSCvj22446

Cisco NX-OS ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ ãƒªãƒªãƒ¼ã‚¹	ã“ã®è„†å¼±æ€§ã«å¯¾ã™ã‚‹æœ€å˜ã®ä¿®æ£ãƒªãƒªãƒ¼ã‚¹	ãƒ©ã
6.0(2)A8 ã‚ˆã‚Šå‰	è„†å¼±æ€§ã‚ªãƒ—	6.0(2)A
6.0(2)A8	è„†å¼±æ€§ã‚ªãƒ—	6.0(2)A
7.0(3)I7	7.0(3)I7(4)	7.0(3)I7
9.2	è„†å¼±æ€§ã‚ªãƒ—	9.2(2)

Nexus 2000â€•5500â€•5600â€•6000 ã‚·ãƒªãƒ¼ã‚º ã‚¹ã‚¤ãƒƒãƒï¼š CSCvj22449

Cisco NX-OS ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ ãƒªãƒªãƒ¼ã‚¹	ã“ã®è„†å¼±æ€§ã«å¯¾ã™ã‚‹æœ€å˜ã®ä¿®æ£ãƒªãƒªãƒ¼ã‚¹	ãƒ©ã
5.2 ã‚ˆã‚Šå‰	7.1(5)N1(1b)	7.1(5)N
5.2	7.1(5)N1(1b)	7.1(5)N

Cisco NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒªãƒªãƒ¼ã,¹	ã"ã®è„†å¼±æ€§ã«å¯¾ã™ã‚‹æœ€å^ã®ä¿®æ£ãƒªãƒªãƒ¼ã,¹	ãƒ•ã
6.0	7.1(5)N1(1b)	7.1(5)N
7.0	7.1(5)N1(1b)	7.1(5)N
7.1	7.1(5)N1(1b)	7.1(5)N
7.2	7.3(5)N1(1)	7.3(5)N
7.3	7.3(5)N1(1)	7.3(5)N

Nexus 7000 ã•Šã,^ã•³ 7700 ã,·ãƪãƼã,º ã,¹ã,¤ãƒƒãƒ CSCvi93959

Cisco NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒªãƒªãƒ¼ã,¹	ã"ã®è„†å¼±æ€§ã«å¯¾ã™ã‚‹æœ€å^ã®ä¿®æ£ãƒªãƒªãƒ¼ã,¹	ãƒ•ã
6.2	6.2(20a)	6.2(22)
7.2	7.3(3)D1(1)	6.2(22)
7.3	7.3(3)D1(1)	8.2(3)
8.0	8.2(3)	8.2(3)
8.1	8.2(3)	8.2(3)
8.2	8.2(3)	8.2(3)
8.3	8.3(1)	8.3(2)

ACI ãƒ¢ãƒ¼ãƒ‰ã• Nexus 9000 ã,·ãƪãƼã,º ãƒ•ã,¡ãƒ–ãƪãƒƒã,¯ ã,¹ã,¤ãƒƒãƒ CSCvj22443

Cisco NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒªãƒªãƒ¼ã,¹	ã"ã®è„†å¼±æ€§ã«å¯¾ã™ã‚‹æœ€å^ã®ä¿®æ£ãƒªãƒªãƒ¼ã,¹	ãƒ•ã
13.1 ã,^ã,Šå‰	13.2(1l)	14.0(3d
13.1	13.2(1l)	14.0(3d
13.2	13.2(1l)	14.0(3d
14.0	è„†å¼±æ€§ã•ªã—	14.0(3d

ã,¹ã,¿ãƳãƒ‰ã,¢ãƒãƳ NX-OS ãƒ¢ãƒ¼ãƒ‰ã• Nexus 9000 ã,·ãƪãƼã,º ã,¹ã,¤ãƒƒãƒ CSCvj22446

Cisco NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒªãƒªãƒ¼ã,¹	ã"ã®è„†å¼±æ€§ã«å¯¾ã™ã‚‹æœ€å^ã®ä¿®æ£ãƒªãƒªãƒ¼ã,¹	ãƒ•ãƒ
7.0(3)I4 ã,^ã,Šã,,å‰	è„†å¼±æ€§ã•ã—	7.0(3)I7
7.0(3)I4	è„†å¼±æ€§ã•ã—	7.0(3)I7
7.0(3)I5	è„†å¼±æ€§ã•ã—	7.0(3)I7
7.0(3)I6	è„†å¼±æ€§ã•ã—	7.0(3)I7
7.0(3)I7	7.0(3)I7(4)	7.0(3)I7
9.2	è„†å¼±æ€§ã•ã—	9.2(2)

é–¢é€£æƒ…å ±

Cisco Nexus ã,¹ã,¤ãƒƒãƒ•ã«æœ€é©©ã•ã Cisco NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢
ãƒªãƒªãƒ¼ã,¹ã®ç¢ºèªã«é–¢ã—ã¦ã¦ã,µãƒ•ãƒ¼ãƒˆã•Œå¿…è¦ã•ã´å•ˆã¯ä»¥ä¸‹ã®
ã,¢ãƒ‰ãƒã,¤ã,¶ãƒªã§ã,ˆã,Šæ–°ã—ã„ãƒªãƒªãƒ¼ã,¹ã•Œæ¨¨å¥¨ã•ã,Œã¦ã„ã,‹å´å¬å^ã¯

Cisco MDS ã,·ãƒªãƒ¼ã,º ã,¹ã,¤ãƒƒãƒ
VMware å¸'ã' Cisco Nexus 1000V ã,¹ã,¤ãƒƒãƒ
Cisco Nexus 3000 ã,·ãƒªãƒ¼ã,ºã•Šã,ˆã•³ 3500 ã,·ãƒªãƒ¼ã,º ã,¹ã,¤ãƒƒãƒ
Cisco Nexus 5000 ã,·ãƒªãƒ¼ã,º ã,¹ã,¤ãƒƒãƒ
Cisco Nexus 5500 ãƒ—ãƒ©ãƒƒãƒˆãƒ•ã,©ãƒ¼ãƒ ã,¹ã,¤ãƒƒãƒ
Cisco Nexus 6000 Series Switches
Cisco Nexus 7000 ã,·ãƒªãƒ¼ã,º ã,¹ã,¤ãƒƒãƒ
Cisco Nexus 9000 ã,·ãƒªãƒ¼ã,º ã,¹ã,¤ãƒƒãƒ
ACI ãƒ¢ãƒ¼ãƒ‰ã•® Cisco Nexus 9000 ã,·ãƒªãƒ¼ã,º ã,¹ã,¤ãƒƒãƒ

Cisco UCS ã•«æœ€é©©ã•ª Cisco NX-OS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢
ãƒªãƒªãƒ¼ã,¹ã•®ç¢ºèªã•«é–¢ã—ã¦ã¦ã,µãƒ•ãƒ¼ãƒˆã•Œå¿…è¦ã•ã´å•ˆã¯ãƒ‡ãƒ•ã,¤
ãƒŽãƒ¼ãƒˆã•«è¨˜è¼‰ã••ã,Œã•¦ã•„ã,‹æŽ¨å¥¨ãƒªãƒªãƒ¼ã,¹ã•«é–¢ã™ã,‹ãƒ‰ã,ãƒ¥ãƒ¡ãƒ³ãƒˆã,'å

ä¸•æ£åˆ©ç"¨äº‹ä¾‹ã•¨å…¬å¼•ç™ºè¡¨

Cisco Product Security Incident Response
Teamï¼^PSIRTï¼‰ã•§ã•¯ã€•æœ¬ã,¢ãƒ‰ãƒã,¤ã,¶ãƒªã•«è¨˜è¼‰ã••ã,Œã•¦ã•„ã,‹è„†å¼±æ€

å‡ºå…¸

ã"ã®è„†å¼±æ€§ã•¯ã€•Cisco TAC ã•®ã,µãƒ•ãƒ¼ãƒˆ

ã,±ãƒ¼ã,¹ã�®è§£æ±ºä¸ã�«ç™ºè¦‹ã�•ã,Œã¾ã�—ã�Ÿã€,

URL

https://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20190306-nx-os-lan-auth

æ”¹è¨‚å±¥æ´

â€”

ãƒ�ãƼã‚¸ãƧãƳ	èª¬æ˜Ž	ã‚»ã‚¯ã‚·ãƧãƳ	ã‚¹ãƒ†ãƼã‚¿ã‚¹	Date
1.0	å^�å›žå…¬é–‹ãƪãƪãƼã‚¹		æœ€çµ‰‰	2019 å¹´ 3 æœˆ 6 æ—¥

å^©ç”¨è¦�ç´„

æœ¬ã,¢ãƒ‰ãƒ�ã,¤ã,¶ãƪã�¯ç„¡ä¿¡è¨¼ã�®ã,,ã�®ã�¨ã�—ã�¦ã�”æ��ä¾›ã�—ã�¦ã�Šã,Šã€
æœ¬ã,¢ãƒ‰ãƒ�ã,¤ã,¶ãƪã�®æƒ…å ±ã�Šã,^ã�³ãƪãƳã,¯ã�®ä½¿ç”¨ã�«é–¢ã�™ã,‹è²¬ä»»ã�®ä¸€
ã�¾ã�Ÿã€�ã,·ã,¹ã,³ã�¯æœ¬ãƒ‰ã,ãƥãơãƳãƈã�®å†…å®¹ã,’äº^å‘Šã�ªã�—ã�«å¤‰æ›´ã�—ã
æœ¬ã,¢ãƒ‰ãƒ�ã,¤ã,¶ãƪã�®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�^ã€�å½“ç¤¾ã�Œç®¡ç
ã�“ã�®ãƒ‰ã,ãƥãơãƳãƈã�®æƒ…å ±ã�¯ã€�ã,·ã,¹ã,³è£½å“�ã�®ã,¨ãƳãƉãƦãƼã,¶ã,’å¯¾è±¡

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。