



Event Response: March 2019 Cisco FXOS and NX-OS Software Security Advisory Bundled

Publication

à"à@ãfãfãf%ãã«ã«ã~ã@CLiã,ãfzãfãf%ã,ãfã,ã,ã,ã,ã,ãfãfã@è,,tä  
èç°ãã,ã,ã,ã...ã—ã|ããããã•ã,,ã€,

è2â1/2“è£1/2â“

è,,tä1/4±ã€§ã@ã,ã,è£1/2â“

æ-è,,tä1/4±ã€§ã~ãCisco NX-OS  
ã,1/2ãfãfã,ã,ã,ã,ãç@è,,tä1/4±ã€§ã@ã,ã,ãfãfãf1/4ã,1ã,ã@ÿè;EãTMã,ã-ã@ã,ã,1ã,3è£1/2â“

- MDS 9000ã,ãfãf1/4ã,ãfzãfãfãfã-ã,ãfãã,1ã,ãffãf
- Nexus 7000ã,ãfãf1/4ã,ã,1ã,ãffãf
- Nexus 7700ã,ãfãf1/4ã,ã,1ã,ãffãf

è,,tä1/4±ã€§ãEã~ãoe”ãTMã, Cisco NX-OSã,1/2ãfãfã,ã,ã,ã,ãç  
ãfãfãf1/4ã,1ã«ããã,,ã|ã~ããããã@ã,ãçã%ããã,ã,ã,ãfãã@ããEã@ææ,ã,ã,1/2ãfãf

Cisco NX-OSã,1/2ãfãfã,ã,ã,ãçãfãfãf1/4ã,1ã@ã^ã^¥

ç@jçfè€...ã~ãããfãfãã,ã,1ã@CLIã§ show version  
ã,3ãfzãfãf%ã,ã1/2ç”ãTMã,ããããããã«ã,ãããã|ãããããfããã,ã,1ããSã@ÿè;Eãã,ãEã|ã  
Cisco NX-OS

ã,1/2ãfãfã,ã,ã,ãç@ãfãfãf1/4ã,1ã,ãfãã,ãffããããããTMã€ãfãfãã,ã,1ãE  
Cisco NX-OSã,1/2ãfãfã,ã,ã,ãçãfãfãf1/4ã,1ã7.0(3)I5(1)

ã,ã@ÿè;Eãã—ã|ã,,ã,ããã^ããã,3ãfzãfãf%ãã@ãªãSãããã~ã-ã@ã,ããtä«ããã,ã

```
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,†â¼±æ€šã,'ã«ã,"ãšã,,ãªã,,ã"ã "ãÇçç°èªã•ã,Çãÿè½â"❖

ã"ã@ã,çãf%ããã,ãã,¶ãfã®è,†â¼±æ€šã®ã,ã,«è½â"ã,»ã,ã,ãfšã³ã«è¼%ã•ã

ã,ã,¹ã,³ã-ã€ã"ã@è,†â¼±æ€šãÇä»¥ã,ã®ã,ã,¹ã,³è½â"ã«ã-ã½±éÿã,ã,Žã^ã

- FirePOWER 2100 ã,ãfªãf¼ã,°ãf•ã,ã,ãã,çã,ãã,©ãf¼ãã«
- FirePOWER 4100 ã,ãfªãf¼ã,°æ¬ã,ã-ã»£ãfªã,ã,ãã,çã,ãã,©ãf¼ãã«è½â"❖
- Firepower 9300 ã,»ã,ãf¥ãfªãfªã,£ã,çãf-ãfªã,ãã,çãf³ã,¹
- Nexus 1000V Switch for Microsoft Hyper-V
- Nexus 1000V Switch for VMware vSphere
- Nexus 2000 ã,ãfªãf¼ã,°ãf•ã,ãf-ãfªãfªã,ã,ã,ã,¹ãfªãf³ãf€
- Nexus 3000 ã,ãfªãf¼ã,°ã,¹ã,ããfªãf❖
- Nexus 3500 ãf-ãfªãfªãfªã,©ãf¼ããã,¹ã,ããfªãf❖
- Nexus 3600 ãf-ãfªãfªãfªã,©ãf¼ããã,¹ã,ããfªãf❖
- Nexus 5500 ãf-ãfªãfªãfªã,©ãf¼ããã,¹ã,ããfªãf❖
- Nexus 5600 ãf-ãfªãfªãfªã,©ãf¼ããã,¹ã,ããfªãf❖
- Nexus 6000 ã,ãfªãf¼ã,°ã,¹ã,ããfªãf❖
- Nexus 9000 ã,ãfªãf¼ã,°ãf•ã,ãf-ãfªãfªã,ã,¹ã,ããfªãf¼ã^ã,çãf-ãfªã,±ãf¼ã,ãfšãf³ã,»ãf³ãf^ãfªãfªã,ã,ããf³ãfªãfªã,ãfªãfªã,ãfªfªi¼^ACIi¼%ããfçãf¼ããf%ãi¼%ã
- ã,¹ã,¿ãf³ãf%ãã,çãããf³ NX-OS ãfçãf¼ããf%ã® Nexus 9000 ã,ãfªãf¼ã,°ã,¹ã,ããfªãf❖
- Nexus 9500 R ã,ãfªãf¼ã,°ãfªã,ããf³ã,«ãf¼ããf%ãSã,^ã³ãfªã,ãf-ãfªãfªã,ãfçã,ãf¥ããf¼ãã«
- UCS 6200 ã,ãfªãf¼ã,°ãf•ã,ãf-ãfªãfªã,ã,ããf³ã,¿ãf¼ã,³ãfªã,ãfªãfªã
- UCS 6300 ã,ãfªãf¼ã,°ãf•ã,ãf-ãfªãfªã,ã,ããf³ã,¿ãf¼ã,³ãfªã,ãfªãfªã
- UCS 6400 ã,ãfªãf¼ã,°ãf•ã,ãf-ãfªãfªã,ã,ããf³ã,¿ãf¼ã,³ãfªã,ãfªãfªã

è©³ç°

ã"ã®ãfªãf³ããf%ãããã«ã«ã-ã€ããÇæS~ã®CLiã,³ãfžãf³ãããããã,ã,ãã,ã,ãfšããf³ã®è,†ãã,çããããããããã,¶ãã,¶ããfãããããããfªã«ãšã½çç"ãã•ã,Çãã|ãã,,ã,ã,ãã...ãã^IDã❖ CVE ID

ã , » ä , ä f ¥ ä f ª ä f º ä , £ ä , ç ä f % ö ä f ♦ ä , º ä , ¶ ä f ª	FP 4100/9300	N3K/N9K	N3500	N2K/N5K/N6K
Cisco NX-OS ä , ½ ä f • ä f ^ ä , lä , § ä , ç ä ♦ ® CLI ã ♦ « ä ♦ Š ä ♦ ' ä , < ä , ¾ ä f ž ä f ¾ ä f % ö ã , º ä f ¾ ä , ä , § ä , ¯ ä , ä f § ä f ¾ ä ♦ ® è , , tã ¼ ± æ € S i ¼ ^ CVE-2019-1606 i ¼ % ö	N/A	CSCvh85760	CSCvh85760	N/A
Cisco NX-OS ä , ½ ä f • ä f ^ ä , lä , § ä , ç ä ♦ ® CLI ã ♦ « ä ♦ Š ä ♦ ' ä , < ä , ¾ ä f ž ä f ¾ ä f % ö ã , º ä f ¾ ä , ä , § ä , ¯ ä , ä f § ä f ¾ ä ♦ ® è , , tã ¼ ± æ € S i ¼ ^ CVE-2019-1607 i ¼ % ö	N/A	N/A	N/A	N/A
Cisco NX-OS ä , ½ ä f • ä f ^ ä , lä , § ä , ç ä ♦ ® CLI ã ♦ « ä ♦ Š ä ♦ ' ä , < ä , ¾ ä f ž ä f ¾ ä f % ö ã , º ä f ¾ ä , ä , § ä , ¯ ä , ä f § ä f ¾ ä ♦ ® è , , tã ¼ ± æ € S i ¼ ^ CVE-2019-1608 i ¼ % ö	N/A	N/A	N/A	N/A
Cisco NX-OS ä , ½ ä f • ä f ^ ä , lä , § ä , ç ä ♦ ® CLI ã ♦ « ä ♦ Š ä ♦ ' ä , < ä , ¾ ä f ž ä f ¾ ä f % ö ã , º ä f ¾ ä , ä , § ä , ¯ ä , ä f § ä f ¾ ä ♦ ® è , , tã ¼ ± æ € S i ¼ ^ CVE-2019-1609 i ¼ % ö	N/A	CSCvj63253	CSCvj63253	N/A
Cisco NX-OS ä , ½ ä f • ä f ^ ä , lä , § ä , ç ä ♦ ® CLI ã ♦ « ä ♦ Š ä ♦ ' ä , < ä , ¾ ä f ž ä f ¾ ä f % ö ã , º ä f ¾ ä , ä , § ä , ¯ ä , ä f § ä f ¾ ä ♦ ® è , , tã ¼ ± æ € S i ¼ ^ CVE-2019-1610 i ¼ % ö	N/A	CSCvj61991 <sup>2</sup>	CSCvj61991	N/A
Cisco NX-OS ä ♦ Š ä , ^ ä ♦ ¾ FXOS ã , ½ ä f • ä f ^ ä ,   ä , § ä , ç ä ♦ ® CLI ã ♦ « ä ♦ Š ä ♦ ' ä , < ä , ¾ ä f ž ä f ¾ ä f % ö ã , º ä f ¾ ä , ä , § ä , ¯ ä , ä f § ä f ¾ ä ♦ ® è , , tã ¼ ± æ € S i ¼ ^ CVE-2019-1611 i ¼ % ö	CSCvk65447	CSCvj65666	CSCvj65666	CSCvk65444
Cisco NX-OS ä , ½ ä f • ä f ^ ä , lä , § ä , ç ä ♦ ® CLI ã ♦ « ä ♦ Š ä ♦ ' ä , < ä , ¾ ä f ž ä f ¾ ä f % ö ã , º ä f ¾ ä , ä , § ä , ¯ ä , ä f § ä f ¾ ä ♦ ® è , , tã ¼ ± æ € S i ¼ ^ CVE-2019-1612 i ¼ % ö	N/A	CSCvi42373	CSCvi42373	N/A
Cisco NX-OS ä , ½ ä f • ä f ^ ä , lä , § ä , ç ä ♦ ® CLI ã ♦ « ä ♦ Š ä ♦ ' ä , < ä , ¾ ä f ž ä f ¾ ä f % ö ã , º ä f ¾ ä , ä , § ä , ¯ ä , ä f § ä f ¾ ä ♦ ® è , , tã ¼ ± æ € S i ¼ ^ CVE-2019-1613 i ¼ % ö	N/A	CSCvj65654	CSCvk50906	N/A

1CSCvi01416 ā -ā€◆Nexus 7000 ā, āfāf1/4ā, ° ā, 1ā, āffāf ◆ā ◆«ā ◆@ā ◆ǰé ◆©ç” ā ◆•ā, CEā ◆3/4ā ◆TMā€ ,MDS

9000 ā, āfāf1/4ā, ° āfžāf«āf ◆āf-ā, āāf

ā, 1ā, āffāf ◆ā ◆-ā€ ◆ā ◆“ā ◆@è,, tā1/4±æ€Sā ◆@ā1/2±éÿā, 'ā ◆—ā ◆'ā ◆3/4ā ◆>ā, “ā€,  
2CSCvj61991 ā -ā€◆Nexus 3000 ā, āfāf1/4ā, °

ā, 1ā, āffāf ◆ā ◆«ā ◆@ā ◆ǰé ◆©ç” ā ◆•ā, CEā ◆3/4ā ◆TMā€, ā, 1ā, āfāf%ā, çāfāf NX-OS āfçāf1/4āf%ā ◆@

Nexus 9000 ā, āfāf1/4ā, °

ā, 1ā, āffāf ◆ā ◆-ā€ ◆ā ◆“ā ◆@è,, tā1/4±æ€Sā ◆@ā1/2±éÿā, 'ā ◆—ā ◆'ā ◆3/4ā ◆>ā, “ā€,

### ā>žé ◆ǰç-

ā ◆“ā ◆@è,, tā1/4±æ€Sā ◆«ā ◆3/4ā†|ā ◆TMā, ā>žé ◆ǰç-ā ◆-ā ◆, ā, Sā ◆3/4ā ◆>ā, “ā€,

### ā; @æfæ , ^ā ◆ǰā, 1/2āf•āf^ā, |ā, Sā, ç

ā, ā, 1ā, 3ā ◆-ā ◆“ā ◆@ā, çāf%āf ◆ā, ā, ¶āfāā ◆«è”~è1/4%ā ◆•ā, CEā ◆ÿè,, tā1/4±æ€Sā ◆«ā ◆3/4ā†|ā ◆TMā, ç, |ā, āf ◆āf1/4ā, āfSāf3ā ◆” āf•ā, fāf1/4āf ◆āf f

ā, »āffāf^ā ◆«ā ◆3/4ā ◆—ā ◆|ā ◆@ā ◆ǰā ◆” ā ◆ā, Sā ◆3/4ā ◆TMā€, ā ◆ā ◆@ā, ^ā ◆tā ◆ā, 1/2āf•āf^ā, |ā, Sā,

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

ā ◆3/4ā ◆ÿè€ ◆ā ◆Sā @ çæS~ā ◆CEā, 1/2āf•āf^ā, |ā, Sā, çā, 'āf€ā, |āf3āfāf1/4āf%ā ◆Sā ◆◆ā, ā ◆@ā ◆-ā€ ◆ā, ā, çāffāf—ā, °āf-āf1/4āf%ā ◆Sā ◆TMā€, ç,, |ā, Ÿā ◆@ā, »ā, āfåāfātā, f ā, 1/2āf•āf^ā, |ā, Sā, ç  
ā, çāffāf—āf#āf1/4āf^ā ◆«ā, ^ā ◆fā ◆|ā€ ◆ā ◆Sā @ çæS~ā ◆«æ-°ā ◆—ā ◆,, ā, 1/2āf•āf^ā, |ā, Sā, ç  
āf@ā, ā, »āf3ā, 1ā€ ◆è 1/2āš ā, 1/2āf•āf^ā, |ā, Sā, ç āf•ā, fāf1/4āf ◆āf f  
ā, »āffāf^ā€ ◆ā ◆3/4ā ◆ÿè ◆-āfjā, āf fāf1/4 āfāf^ā, āfSāf3  
ā, çāffāf—ā, °āf-āf1/4āf%ā ◆«ā ◆3/4ā ◆TMā, çæ” ©é™ ◆ā ◆CEā»~ā, žā ◆•ā, CEā, çā ◆“ā ◆” ā ◆-ā ◆, ā, Sā ◆3/4ā ◆

ā, 1/2āf•āf^ā, |ā, šā, çā ◆@ā, çāffāf—ā, °āf-āf1/4āf%ā, 'ææœè” žā ◆TMā, <és>ā ◆«ā ◆-ā€ ◆[ā, ā, 1ā, 3ā ◆@ā, »ā, āf  
Security Advisories and Alertsĩ1/4%o]

āfšāf1/4ā, ā ◆Sā... ¥æ%o<ā ◆Sā ◆◆ā, <ā, ā, 1ā, 3ē€1/2ā” ◆ā ◆@ā, çāf%oāf ◆ā, ā, ¶āfāā, 'ā @šæœÿçš,, ā ◆«ā ◆, ç  
ā, 1/2āfāfåf1/4ā, āfSāf3ā, 'çç°è°ā ◆ā ◆—ā ◆|ā ◆◆ā ◆ā ◆•ā ◆,, ā€,

ā ◆, ā ◆šā, CEā ◆@ā ^ā ◆ā, ā€ ◆ā, çāffāf—ā, °āf-āf1/4āf%ā ◆TMā, <āf#āf ◆ā, ā, 1ā ◆«ā ◆◆ā ^tā ◆āfjāfçā  
Technical Assistance  
Centerĩ1/4TACĩ1/4%oā,, ā ◆—ā ◆◆ā ◆-ā ¥ç’ ,, ā ◆—ā ◆|ā ◆,, ā, <āfjāfšāfātāfšāf3ā, 1āf—āfāf ◆ā, āf€āf1/4ā ◆<

### ā, ¶f1/4āf“ā, 1ā ¥ç’ ,, ā, 'ā ◆” ā ^çç” ā ◆Sā ◆ā ◆, ā ◆Sā @ çæS~

ā, ā, 1ā, 3ā ◆<ā, %oç> æž ¥è 3/4ā... ¥ā ◆—ā ◆ÿā ◆CE Cisco Service Contract  
ā, 'ā ◆” ā ^çç” ā ◆, ā ◆ÿā ◆ ā ◆, ā ◆|ā ◆, ā ◆ā ◆, ā ^ā ◆◆ā ◆ÿā€ ◆ā, ¶āf1/4āf%oāfāf1/4āfātā, fāf™  
POS ā ◆<ā, %oā... ¥æ%o<ā ◆Sā ◆◆ā ◆ā ◆, ā ^ā ◆-ā€ ◆Cisco TAC  
ā ◆«é€ fçµjā ◆—ā ◆|ā, çāffāf—ā, °āf-āf1/4āf%oā, 'ā... ¥æ%o<ā ◆—ā ◆|ā ◆◆ā ◆ā ◆•ā ◆,, ā€,



Cisco NX-OS ã,½ãf•ãf^ã,ã,šã,ćãf^ãf^ãf^ã,¹	ã“ã®è,,†ã¼±æ€šã«ã³¼ã™ã,æœ€ã^ã®ãž®æ£ãf^ãf^ãf
6.2 ã, ^ã, Šã%o	6.2(22)
6.2	6.2(22)
7.2	7.3(3)D1(1)
7.3	7.3(3)D1(1)
8.0	8.2(3)
8.1	8.2(3)
8.2	8.2(3)
8.3	è,,†ã¼±æ€šã^ã—

### ã®ã®ã®ä»-ã®ãf^ã,½ãf^ã,¹

Cisco Nexus ã,¹ã,ðãffãfã®ã«æœ€é©ãª Cisco NX-OS ã,½ãf•ãf^ã, |ã,šã,ćãf^ãf^ãf^ã,¹ã®æ±°ã®šã«é-ćã—ã®|ã,µãfãf^ãf^ãf^ã®£ãž...è|ã®ãªã'ã^ã-ã€ã»ã,ãf^ãf^ãf^ã,¹ã,ćãf%ããfã,ðã,¶ãf^ãšã, ^ã,šæ-ã—ã®,ãf^ãf^ãf^ã,¹ã®£æž”ã¥”ã®ã,£ã|ã®,ã,ã'ã^ã-ã

[Cisco MDS ã,·ãf^ãf^ã,°ã,¹ã,ðãffãfã](#)

[VMware ã'ã' Cisco Nexus 1000V ã,¹ã,ðãffãfã](#)

[Cisco Nexus 3000 ã,·ãf^ãf^ã,°ãšã, ^ã³ 3500 ã,·ãf^ãf^ã,°ã,¹ã,ðãffãfã](#)

[Cisco Nexus 5000 Series Switches](#)

[Cisco Nexus 5500 ãf—ãf©ãffãf^ãf•ã,©ãf^ãf ã,¹ã,ðãffãfã](#)

[Cisco Nexus 6000 Series Switches](#)

[Cisco Nexus 7000 Series Switches](#)

[Cisco Nexus 9000 Series Switches](#)

[ACI ãfćãf^ãf%ã® Cisco Nexus 9000 ã,·ãf^ãf^ã,°ã,¹ã,ðãffãfã](#)

Cisco UCS ã«æœ€é©ãªª Cisco NX-OS ã,½ãf•ãf^ã, |ã,šã,ćãf^ãf^ãf^ã,¹ã®çç°èªã«é-ćã—ã®|ã,µãfãf^ãf^ãf^ã®£ãž...è|ã®ãªã'ã^ã-ã€ã»ãfãfãfã,ðãfžãf^ãf^ã«è”~è¼%ã®ã,£ã|ã®,ã,æž”ã¥”ãf^ãf^ãf^ã,¹ã«é-ćã™ã,ãf%ãã,ãfãfãfãf^ã,ã

### ã,æ£ã^©ç””ã°ã¼ã®”ã...-ã¼ç™°èj”

Cisco Product Security Incident Response

Teami¼^PSIRTi¼%ã®ã€æœ€-ã,ćãf%ããfã,ðã,¶ãf^ã«è”~è¼%ã®ã,£ã|ã®,ã,è,,†ã¼±æ€šã

### ãª°ã...

æœ€-è,,†ã¼±æ€šã®ã€ã,ã,¹ã,³ãt...éf”ãšã®ã,»ã,ãfãfãfãfã,£





## 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。