

Cisco FXOS 3 NX-OS Cisco Fabric Services

Cisco FXOS 3 NX-OS
Cisco Fabric Services



Cisco Security ID : cisco-sa-20180620-fx-os-fabric-dos

[CVE-2018-0305](#)

Published : 2018-06-20 16:00

Revised : 2018-07-05 21:11

Version : 1.1 : Final

CVSS : [8.6](#)

Workarounds : No workarounds available

Cisco Security ID : [CSCve41593](#) [CSCvd69966](#)

[CSCve04859](#) [CSCve41601](#) [CSCve02435](#)

[CSCve41590](#)

High severity vulnerability in Cisco FXOS 3 NX-OS Cisco Fabric Services

Summary

Cisco FXOS 3 NX-OS Cisco Fabric Services

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

Cisco Fabric Services

Cisco FXOS 2.2(2.14) CLI

CLI

show version

[Overview] Cisco FXOS

Cisco FXOS

2.2(2.14)

show version CLI

show version CLI

Package-Vers 2.2(2.14)

Package-Vers 2.2(2.14)

```
<#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 7.3(2)D1(1) CLI

CLI

show version

Cisco NX-OS

7.3(2)D1(1)

7.3(2)D1(1)

7.3(2)D1(1)

```
<#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)

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- [FirePOWER 2100](#) [Cisco Nexus 1000V](#) [Cisco Nexus 1100](#) [Cisco Nexus 3600](#) [Cisco Nexus 9000](#)

Cisco [Cisco Nexus 4000](#) [Cisco Nexus 5010](#) [Cisco Nexus 5020](#) [BladeCenter](#) [Cisco Nexus 4000](#) [Cisco Nexus 5010](#) [Cisco Nexus 5020](#)

Cisco Fabric Services
 Fabric Services
 Network Time
 Protocol

- Cisco Fabric Services over Fibre Channel
- Cisco Fabric Services over Ethernet
- Cisco Fabric Services over IP

Cisco Fabric Services
 Fabric Services

- CFSoverFC
 Fibre Channel over
 Fibre Channel over
 IP

- CFSoverIP: enabled, cfs-over-ethernet: disabled, cfs-over-ethernet ip-multicast-address: 239.255.70.83, cfs-over-ethernet ip-multicast-address: ff15::efff:4653, cfs-over-ethernet ip-multicast-address: ff15::efff:4653, cfs-over-ethernet ip-multicast-address: ff15::efff:4653
- CFSoverEthernet: disabled, cfs-over-ethernet ip-multicast-address: 239.255.70.83, cfs-over-ethernet ip-multicast-address: ff15::efff:4653, cfs-over-ethernet ip-multicast-address: ff15::efff:4653, cfs-over-ethernet ip-multicast-address: ff15::efff:4653

show cfs status

```

Distribution : Enabled
Distribution over IP : Disabled
IPv4 multicast address : 239.255.70.83
IPv6 multicast address : ff15::efff:4653
Distribution over Ethernet : Disabled

```

<#root>

switch#

show cfs status

```

Distribution : Enabled
Distribution over IP : Disabled
IPv4 multicast address : 239.255.70.83
IPv6 multicast address : ff15::efff:4653
Distribution over Ethernet : Disabled

```

```

Distribution
Enabled
Distribution over Ethernet
Disabled

```

show cfs status

show cfs status

show cfs status

show cfs status

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

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Security Advisories and Alerts

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Technical Assistance

Center

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Cisco Service Contract
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Cisco TAC
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<https://www.cisco.com/c/en/us/support/web/tsd-cisco-worldwide-contacts.html>

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URL

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[Event Response: June 2018 Cisco FXOS and NX-OS Software Security Advisory Collection](#)
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...
Cisco FXOS
...
NX-OS
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Firepower 4100, Next-Generation Firewalls: [CSCve04859](#)

Cisco FXOS 1.1.4.179	1.1.4.179	2.0.1.153
1.1	1.1.4.179	2.0.1.153
2.0	2.0.1.153	2.0.1.153
2.1.1	2.1.1.86	2.1.1.86
2.2.1	2.2.1.70	2.2.2.17 2.3.1.5
2.2.2	2.2.2.17	2.2.2.17 2.3.1.5
2.3		

Firepower 9300, Next-Generation Firewalls: [CSCve04859](#)

Cisco FXOS 1.1.4.179	1.1.4.179	2.0.1.153
1.1	1.1.4.179	2.0.1.153
2.0	2.0.1.153	2.0.1.153
2.1.1	2.1.1.86	2.1.1.86
2.2.1	2.2.1.70	2.2.2.17 2.3.1.5
2.2.2	2.2.2.17	2.2.2.17
2.3		

MDS 9000, Next-Generation Firewalls: [CSCvd69966](#)

<p>Cisco NX-OS</p> <p>ã, 1/2ãf•ãf^ã, lã, šã, çãfããfãf^1/4ã, 1</p>	<p>ã “ã ® è,, †ã¼±æ€šã «ã ¾ã™ã, <æœ€ã^ã ® ä¿®æ£ãfããfããf</p>
<p>5.2</p>	<p>6.2(21)</p>
<p>6.2</p>	<p>6.2(21)</p>
<p>7.3</p>	<p>8.1(1a)</p>
<p>8.1</p>	<p>8.1(1a)</p>
<p>8.2</p>	<p>è,, †ã¼±æ€šã^ãã—</p>

Nexus 3000ã, ãfããf^1/4ã, °ã, 1ã, ðãffãf: [CSCve41590](#)

<p>Cisco NX-OS</p> <p>ã, 1/2ãf•ãf^ã, lã, šã, çãfããfãf^1/4ã, 1</p>	<p>ã “ã ® è,, †ã¼±æ€šã «ã ¾ã™ã, <æœ€ã^ã ® ä¿®æ£ãfããfããf</p>
<p>7.0(3)I4 ã, ^ã, Šã, å%o</p>	<p>7.0(3)I4(8)</p>
<p>7.0(3)I4</p>	<p>7.0(3)I4(8)</p>
<p>7.0(3)I5</p>	<p>7.0(3)I6(2)</p>
<p>7.0(3)I6</p>	<p>7.0(3)I6(2)</p>
<p>7.0(3)I7</p>	<p>7.0(3)I7(4)</p>

Nexus 3500ãf—ãf©ãffãf^ãf•ã, ©ãf^1/4ãfã, 1ã, ðãffãf: [CSCve41590](#)

<p>Cisco NX-OS ã,½ãf•ãf^ã,lã,šã,ćãf^ãf^ãf^1/4ã,¹</p>	<p>ã"ã®è,,†ã¼±æ€šã«ã³¼ã™ã,æœ€ã^ã®ä¿®æ£ãf^ãf^ãf</p>
6.0	7.0(3)I7(4)
7.0.3	7.0(3)I7(4)

Nexus 2000ã€5500ã€5600ã€ãŠã,^ã³6000ã,ãfãf¼ã,°ã,¹ã,ãfãf¼šCSCve02435

<p>Cisco NX-OS ã,½ãf•ãf^ã,lã,šã,ćãf^ãf^ãf^1/4ã,¹</p>	<p>ã"ã®è,,†ã¼±æ€šã«ã³¼ã™ã,æœ€ã^ã®ä¿®æ£ãf^ãf^ãf</p>
6.0	7.1(5)N1(1)
7.0	7.1(5)N1(1)
7.1i¼^2015ã¹7æœ~i¼%	7.1(5)N1(1)
7.2	7.3(3)N1(1)
7.3	7.3(3)N1(1)

Nexus 7000ãŠã,^ã³7700ã,ãfãf¼ã,°ã,¹ã,ãfãf¼:CSCvd69966

<p>Cisco NX-OS ã,½ãf•ãf^ã,lã,šã,ćãf^ãf^ãf^1/4ã,¹</p>	<p>ã"ã®è,,†ã¼±æ€šã«ã³¼ã™ã,æœ€ã^ã®ä¿®æ£ãf^ãf^ãf</p>
6.2	6.2(20)
7.2	7.3(2)D1(1)
7.3	7.3(2)D1(1)
8.0	8.1(2)
8.1	8.1(2)

<p>Cisco NX-OS ã,1/2ãf•ãf^ã,lã,šã,ćãf^ãf^ãf^1/4ã,1</p>	ã"ã®è,,†ã¼±æ€šã«ã³¼ã™ã,æœ€ã^ã®ä¿æfãfãfãf
8.2	è,,†ã¼±æ€šãªã—

ã,1ã,¿ãf³ãf%ã,ćãfãf³NX-OSãfćãf¹/4ãf%ã®Nexus
9000ã,ãfªãf¹/4ã,°ã,1ã,ªãfãfãf¹/4šCSCve41590

<p>Cisco NX-OS ã,1/2ãf•ãf^ã,lã,šã,ćãf^ãf^ãf^1/4ã,1</p>	ã"ã®è,,†ã¼±æ€šã«ã³¼ã™ã,æœ€ã^ã®ä¿æfãfãfãf
7.0(3)I4ã,^ã,Šã%®	7.0(3)I4(8)
7.0(3)I4	7.0(3)I4(8)
7.0(3)I5	7.0(3)I6(2)
7.0(3)I6	7.0(3)I6(2)
7.0(3)I7	7.0(3)I7(4)

Nexus 9500

Rã,ãfªãf¹/4ã,°ãf©ã,ªãf³ã,«ãf¹/4ãf%ã®Šã,^ã³ãf•ã,ãf-ãfªãfãfã,ãfćã,ãfªãf¹/4ãf«i¹/4šCSCve41601

<p>Cisco NX-OSã,1/2ãf•ãf^ã,lã,šã,ćãf^ãf^ãf^1/4ã,1</p>	ã"ã®è,,†ã¼±æ€šã«ã³¼ã™ã,æœ€ã^ã®ä¿æfãfãfãf
7.0	7.0(3)F3(1)

UCS

6100ã€®6200ã€®ã®Šã,^ã³6300ã,ãfªãf¹/4ã,°ãf•ã,ãf-ãfªãfãfã,ã,ªãf³ã,¿ãf¹/4ã,³ãfã,ãf~:CSCv

Cisco NX-OS ã,1/2ãf•ãf^ã,lã,šã,ćãfããfãf1/4ã,1	ã“ã®è,,†ã¼±æ€šã«ã¾ã™ã,æœ€ã^ã®ä¿æ£ãfããfããf
2.2 ã,ã,šã%o	3.2(2b)
2.2	3.2(2b)
2.5	3.2(2b)
3.0	3.2(2b)
3.1	3.2(2b)
3.2	3.2(2b)

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Cisco Product Security Incident Response

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æœ¬è,,†ã¼±æ€šãã€ã,ã,1ã,³ã†...éf”ãšã®ã,»ã,ãfããfããfããfã,£ãfãã,1ãfããã,ã,ã£ã|ç™°è|ãã,£ã¾ã—ãÿã€,

URL

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

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1.1	FXOS ãšã,ã³ MDS ãf—ãf©ãffãf^ãfã,©ãf¼ãfã®ä¿æ£æ,ã¿ãfããfããf1/4ã,1ã,æ’æ°ã€,	ä¿æ£æ,^
1.0	ã^ã¿ã...è—ãfããfããf1/4ã,1	-

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翻訳について

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