

**Cisco**

FXOS<sup>a</sup>, 1/2af•af^a, |a, §a, ¢a ♦®a, <sup>3</sup>afža f<sup>3</sup>af%o a, xaf<sup>3</sup>a



ã,çãf‰oãf♦ã,¤ã,¶ãfªãf¼ID : cisco-sa-fxos- [CVE-2020-](#)

cmdinj-pqZvmXCr

3457

第1章 从零开始学Python : 2020-10-21 16:00

æø€øøø`æ=°æ=¥ : 2020-10-23 13:21

ãf♦ãf¼ã. ãf§ãf³ 1.1 : Final

CVSS: 6.7

å>žé◆;c- : No workarounds available

Cisco © 2019 ID : CSCyt69369 CSCyt74037

æ—¥æœ¬èªžã◊«ã,^ã,<æf...å±ã◊¬ã€◊è<±èªžã◊«ã,^ã,<åŽÝæ-‡ã◊®é◊žå...¬å¼◊ã«

æ!, è! ?

2020å`10æœ^23æ—¥ã♦ã,‰ã♦®æ›`æ-°i¼šã,·ã,¹ã,³ã—ã€♦ã♦“ã♦®ã,¢ãf‰oãf♦ã,¤ã,¶ãfªã♦®ã€Dé♦®å¿œåžã,»ã,ãƒ¥ãfãftã,£ ã,¢ãf—ãf®ã,¤ã,¢ãf³ã,¹ ã,½ãf•ãf^ã,! ã,§ã,¢ã♦® SSL/TLS  
ã♦«ã♦Šã♦ã,¤ã,µãf¼ãf^ã,¹ ã,· ª®³ã♦®è,,†å¼±æ€§ã,’ã♦,ç...§ã♦—ã♦,! ã♦,¤ã♦ã,¤ã♦,¤ã♦,,ã€,

Cisco

FXOSã,½ãf•ãf^ã,ã,§ã,çã?@CLIã?@è,,†å¼±æ€§ã?«ã,^ã,Šã€?èª?è „½ã?•ã,Œã?Ýãfãf½ã,«ãf«ã?@æ  
ã?“ã?@è,,†å¼±æ€§ã?“ã€?ãf!ãf½ã,¶ã?Œæ?ã?æ¾?ã?™ã,<ã,³ãfžãf³ãf%ooã?@...¥åŠ,ã?@ã,?å?ã?  
ã,ã,!ã,³ã?“ã?@è,,†å¼±æ€§ã?“å?¾å†!ã?™ã,<ã,½ãf•ãf^ã,|ã,§ã,çã,çãffãf—ãftãf½ãf^ã,’ãfããfãf½  
ã?“ã?@ã,çãf%ooãf?ã,¤ã,¶ãfã?“ã€?æ¬;ã?@ãfãf³ã,?ã,^ã,Šçç?èª?ã?§ã?ã?æ¾ã?™ã€,  
<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-fxos-cmdinj-pqZvmXCr>

© 2012 Pearson Education, Inc.

è,†å¼±æ€§ã®ã,ã, è£½å“?

- Firepower 1000 →  $f^a f^{1/4} \circ f - f \odot f, \circ f^3$

- Firepower 2100 ã,·ãf<sup>a</sup>ãf<sup>1/4</sup>ã,° ã,çãf—ãf©ã,¤ã,çãf<sup>3</sup>ã,<sup>1</sup>
- Firepower 4100 ã,·ãf<sup>a</sup>ãf<sup>1/4</sup>ã,° ã,çãf—ãf©ã,¤ã,çãf<sup>3</sup>ã,<sup>1</sup>
- Firepower 9300 ã,·ãf<sup>a</sup>ãf<sup>1/4</sup>ã,° ã,çãf—ãf©ã,¤ã,çãf<sup>3</sup>ã,<sup>1</sup>

å...¬é-<æ™,ç,!<sup>1</sup>ã♦§è,,†å½±æ€§ã♦Œç¢°èª♦ã♦•ã,Œã♦!ã♦,,ã,<Cisco  
 ã,½ãf•ãf^ã,|ã,§ã,çã♦®ãf<sup>a</sup>ãf<sup>1/4</sup>ã,<sup>1</sup>ã♦«ã♦¤ã♦,,ã♦!ã♦¬ã€♦ã♦“ã♦®ã,çãf%oãf♦ã,¤ã,¶ãf<sup>a</sup>ã♦®  
 ID ã♦®è©³ç’°ã,»ã,¬ã,·ãf§ãf<sup>3</sup>ã,’å♦,ç...§ã♦—ã♦!ã♦¤ã♦ã♦“ã♦•ã♦,,ã€,  
 è,,†å½±æ€§ã,’å♦«ã,“ã♦§ã♦,,ã♦¤ã♦,,ã♦“ã♦”ã♦Œç¢°èª♦ã♦•ã,Œã♦Ýè£½å”♦  
 ã♦“ã♦®ã,çãf%oãf♦ã,¤ã,¶ãf<sup>a</sup>ã♦®è,,†å½±æ€§ã♦®ã♦,ã,<è£½å”♦ã,»ã,¬ã,·ãf§ãf<sup>3</sup>ã♦«è”~è½‰ã♦•ã

## å>žé♦¿ç-

ã♦“ã♦®è,,†å½±æ€§ã♦«å¬¾å‡!ã♦™ã,<å>žé♦¿ç-ã♦¬ã♦,ã,§ã¬¾ã♦»ã,“ã€,

## ä;®æ£æ,^ã♦¿ã,½ãf•ãf^ã,|ã,§ã,ç

ã,½ãf•ãf^ã,|ã,§ã,çã♦®ã,çãffãf—ã,°ãf¬ãf<sup>1/4</sup>ãf%oã,’æ¤œè”Žã♦™ã,è,,ã♦¬ã€♦[ã,·ã,¹ã,³ã♦®ã,»ã,ãf  
 Security Advisories and Alerts[½‰]

ãfšãf<sup>1/4</sup>ã,ã♦§å...¥æ‰o<ã♦§ã♦ã,·ã,¹ã,³è£½å”♦ã♦®ã,çãf%oãf♦ã,¤ã,¶ãf<sup>a</sup>,’å®šæœÝçš,,ã♦«å♦,ç  
 å,½ãf<sup>a</sup>ãf¥ãf<sup>1/4</sup>ã,·ãf§ãf<sup>3</sup>ã,’ç¢°èª♦ã♦—ã♦!ã♦¤ã♦ã♦“ã♦•ã♦,,ã€,

ã♦,,ã♦§ã,Œã♦®å`å♦,ã€♦ã,çãffãf—ã,°ãf¬ãf<sup>1/4</sup>ãf%oã♦™ã,ãf‡ãf♦ã,¤ã,¹ã♦«å♦¤ã`å`å`^ã♦^ãfjãfc  
 Technical Assistance

Center[½^TAC[½‰oã,ã♦—ã♦¤ã♦¬å¥'ç’ã♦—ã♦!ã♦,,ã,ãfjãf<sup>3</sup>ãftãf§ãf<sup>3</sup>ã,¹ãf—ãfãf♦ã,¤ãf€ãf<sup>1/4</sup>ã♦»

## ä;®æ£æ,^ã♦¿ãf<sup>a</sup>ãf<sup>1/4</sup>ã,¹

Firepower 1000 ã,·ãf<sup>a</sup>ãf<sup>1/4</sup>ã,°ã♦§ã,^ã♦³ 2100 ã,·ãf<sup>a</sup>ãf<sup>1/4</sup>ã,°  
 ã,çãf—ãf©ã,¤ã,çãf<sup>3</sup>ã,¹ã♦¬ã€♦å°ç>¤ã♦”ã♦¤ã,·ã,¤ãfšãf¬ãf<sup>1/4</sup>ãftã,£ãf<sup>3</sup>ã,°ã,·ã,¹ãftãf ã♦”ã♦—ã♦!  
 Cisco FXOS ã,½ãf•ãf^ã,|ã,§ã,çã,’ä½¿ç”ã♦—ã♦³¼ã♦™ã€,ã♦“ã,Œã♦¬ã€♦Cisco ASA  
 å,½ãf•ãf^ã,|ã,§ã,çã♦®çµ±å♦^ã,¤ãfjãf<sup>1/4</sup>ã,ãf♦ãf<sup>3</sup>ãf%oãf«ã♦³¼ã♦Ýã♦¬ Cisco FTD  
 å,½ãf•ãf^ã,|ã,§ã,çã♦®çµ±å♦^ã,¤ãfjãf<sup>1/4</sup>ã,ãf♦ãf<sup>3</sup>ãf%oãf«ã♦“å♦¤ã♦³¼ã,Œã♦!ã♦,,ã♦³¼ã♦™ã€,

ç™oè¡Œæ™,ç,!<sup>1</sup>ã♦§ã♦¬ã€♦æ¬¡ã♦®è¡”ã♦«è”~è½‰ã♦•ã,Œã♦!ã♦,,ã,ãf<sup>a</sup>ãf<sup>1/4</sup>ã,¹æf...å±ã♦¬æ£çç  
 ID ã♦®è©³ç’°ã,»ã,¬ã,·ãf§ãf<sup>3</sup>ã,’å♦,ç...§ã♦—ã♦!ã♦¤ã♦ã♦“ã♦•ã♦,,ã€,

å·ã♦®å`—ã♦¬ã,·ã,¹ã,³ã,½ãf•ãf^ã,|ã,§ã,çãf<sup>a</sup>ãf<sup>1/4</sup>ã,¹ã,’ç¤ºã♦—ã€♦å♦³ã♦®å`—ã♦¬ãf<sup>a</sup>ãf<sup>1/4</sup>ã,¹ã

Firepower 1000ã,·ãf<sup>a</sup>ãf<sup>1/4</sup>ã,°ã♦§ã,^ã♦³Firepower

2100ã,·ãf<sup>a</sup>ãf<sup>1/4</sup>ã,°ç”ASAã,½ãf•ãf^ã,|ã,§ã,ç[½§CSCvt74037

Cisco ASA 9.8	9.8.4.29
9.9	9.9.2.80
9.10	9.10.1.40
9.12	9.12.4.3
9.13	9.13.1.13
9.14	9.14.1.13

## æ³:Firepower

1000 $\cdot$  $f^a$  $f^{1/4}$ ,  $2100\cdot f^a$  $f^{1/4}$ ,  $9.8\cdot f^a$  $f^{1/4}$ ,  $1000\cdot f^a$  $f^{1/4}$ ,  $2100\cdot f^a$  $f^{1/4}$ ,  $9.8\cdot f^a$  $f^{1/4}$

**Firepower 1000** • **Firepower 1000**

Cisco FTD ã,½f•ãf^ã, ã,§ã,c ãf^ãf^ãf¹/₄ã, <sup>1</sup>	ã“ã®è,,†å¼±æ€§ã«å¬¾ã™ã,<æœ€å^♦ã®ä¿®æ£ãƒ^ãƒ¹/₄ã,
6.2.11 ã,^ã,Šå‰o?	ä¿®æ£æ,^ã®¿ãƒ^ãƒ¹/₄ã, <sup>1</sup> ã«ç§»è;Œã€,
6.2.2	ä¿®æ£æ,^ã®¿ãƒ^ãƒ¹/₄ã, <sup>1</sup> ã«ç§»è;Œã€,
6.2.3	ä¿®æ£æ,^ã®¿ãƒ^ãƒ¹/₄ã, <sup>1</sup> ã«ç§»è;Œã€,
6.3.0	6.3.0.6i¹/₄^ãf^ãf^ãf¹/₄ã, <sup>1</sup> äº^å®ši¹/₄‰
6.4.0	6.4.0.9
6.5.0	6.5.0.5i¹/₄^ãf^ãf^ãf¹/₄ã, <sup>1</sup> äº^å®ši¹/₄‰
6.6.0	è,,†å¼±æ€§ã®—

æ³:Firepower

1000·· $f^a f^{1/4}$ , °♦ Š, ^♦ 32100·· $f^a f^{1/4}$ , °, Ç—f— $f @$ , x, Ç $f^3$ , ^♦ Š♦ —€♦ 6.2.1 $f^a f^{1/4}$ , ^, Š,

- ## 1. Cisco FMC à•

ã? «ã? »

- Cisco Firepower Management

Centeri<sup>1/4</sup>^FMCi<sup>1/4</sup>%oã,’ä½;c”“ã?—ã? | c®jc?†ã?—ã? | ã? „ã,ãf‡ãf?ã,¤ã,¹ã?«ã?¤ã?„ã? | ã?—

ã,¤ãf³ã,¿ãf¼ãf•ã,§ã,¤ã,¹ã,'ä½ç”“ã♦—ã♦|ã,Cãffãf—ã,°ãf—ãf¼ãf%oã,’ã,¤ãf³ã,¹ãf^ãf¼ãf«ã♦—ã♦

- Cisco Firepower Device

Manageri¼^FDMi¼%oã,’ä½ç”“ã♦—ã♦|ç®|ç♦†ã♦—ã♦|ã♦,,ã,<ãf‡ãf♦ã,¤ã,¹ã♦«ã♦¤ã♦,,ã♦|ã♦

ã,¤ãf³ã,¿ãf¼ãf•ã,§ã,¤ã,¹ã,'ä½ç”“ã♦—ã♦|ã,Cãffãf—ã,°ãf—ãf¼ãf%oã,’ã,¤ãf³ã,¹ãf^ãf¼ãf«ã♦—ã♦

ã,³ãf³ãf^ãfãf¼ãf«ãf♦ãfªã,·ãf¼ã,’å†♦é♦©ç”“ã♦—ã♦|ã♦¾ã♦™ã€,

## Firepower 4100ã,·ãf¤ãf¼ã,’ã♦Šã,^ã♦³Firepower

9300ã,»ã,ãf¥ãf¤ãftã,£ã,Cãf—ãf©ã,¤ã,Cãf³ã,¹ç”“FXOSã,½ãf¤ãf^ã,|ã,§ã,Cï¼šCSCvt69369

Cisco FXOS ã,½ãf¤ãf^ã, ã,§ã,¢ ãf¤ãf¤ãf¼ã,¹	ã♦“ã♦®è,,†å¼±æ€§ã♦«å¬¾ã♦™ã,æœ€å^♦ã♦®æ£ãf¤ãf¼ã,¹
2.2 ã,^ã,§ã%o♦	äç®æ£æ,^ã♦¿ãf¤ãf¤ãf¼ã,¹ã♦«ç§»è¡Œã€,
2.2	äç®æ£æ,^ã♦¿ãf¤ãf¤ãf¼ã,¹ã♦«ç§»è¡Œã€,
2.3	äç®æ£æ,^ã♦¿ãf¤ãf¤ãf¼ã,¹ã♦«ç§»è¡Œã€,
2.4	2.4.1.266
2.6	2.6.1.204
2.7	2.7.1.131
2.8	2.8.1.125

## ã,♦æ£å^©ç”“ã°<ã¾ã♦“å...¬å¼ç™oèi”

### Cisco Product Security Incident Response

Teami¼^PSIRTi¼%oã—ã€♦æœ¬ã,Cãf%oãf♦ã,¤ã,¶ãf¤ã♦«è”“è¼%oã♦•ã,Œã♦|ã♦,,ã,<è,,†å¼±æ€§ã♦

## å‡ºå...„

æœ¬è,,†å¼±æ€§ã♦—ã€♦ã,·ã,¹ã,³å†...éf”ã♦§ã♦®ã,»ã,ãf¥ãf¤ãftã,£  
ãftã,¹ãf^ã♦«ã,^ã♦£ã♦|ç™oè|<ã♦•ã,Œã♦¾ã♦—ã♦Ýã€,

## URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-fxos-cmdinj-pqZvmXCr>

## æ”¹è“,å±¥æ‘

ãf♦ãf¼ã,ãf§ãf³	è¤¬æ~Ž
1.1	[ã,µfžãf¤ãf¼i¼Summaryi¼%o] ã,»ã,¬ã,·ãf§ãf³ã,’æ‘æ—°ã♦—ã€♦ã,³ãf¼ãf%oãf^ãf—ã,¤ã

äf♦äf%4ä, äf§äf³	èª¬æ~Ž
	ã♦«æŽ „å¥ „ã♦•ä,Œä,<ä¿®æ£äfªäf%4ä,¹ã♦«å½±éŸ¿ä,’ä,Žä♦^ä,<æ¬°ã♦Ÿä♦^è,,t
1.0	å^♦å>žå...¬é-<äfªäf%4ä,¹

## å^©ç”·è!♦ç’ „

æœ¬ä,¢äf‰oäf♦ä,¤ä,¶äfªä♦^-ç„|ä¿♦è „¹4ä♦®ä,,ã♦®ä♦ „ã♦—ä♦|ä♦"æ♦ä¾ä¾ä♦—ä♦|ä♦Šä,Šä€æœ¬ä,¢äf‰oäf♦ä,¤ä,¶äfªä♦®æf...å ±ä♦Šä,^ä♦³äfªäf³ä,¬ä♦®ä½¿ç" „ã♦«é-çä♦™ä,<è²¬ä»»ã♦®ä,€ã♦¾ä♦Ÿä€♦ä,·ä,¹ä,³ä♦^-æœ¬äf‰oä,äf¥äf¡äf³äf^ä♦®å†...å®¹ä,'äº^å'Šä♦^ä—ä♦«å¤‰oæ»ä♦—ä♦æœ¬ä,¢äf‰oäf♦ä,¤ä,¶äfªä♦®è „~è¿°å†...å®¹ä♦«é-çä♦—ä♦|æf...å ±é...♦ä¿jä♦® URL  
ä,’çœ♦ç·¥ä♦—ä€♦å♦~ç<-ä♦®è»çè¼‰oä,,æ,,♦è „³ä,'æ-½ä♦—ä♦Ÿå `å♦^ä€♦å½“ç¤¾ä♦Œç®jç?ä♦“ä♦®äf‰oä,äf¥äf¡äf³äf^ä♦®æf...å ±ä♦¬ä€♦ä,·ä,¹ä,³è£½å“♦ä♦®ä, „äf³äf‰oäf!äf%4ä,¶ä,’å¬¾è±|ä

## 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。