Cisco Web ã,»ã,ãƒ¥ãƒªãƒ†ã,£ ã,¢ãƒ—ãƒ©ã,¤ã,¢ãƒ³ã,¹ Web ãƒ—ãƒã,ã,· ã,µãƒ¼ãƒ“ã,¹å¦¨å®³ã�®è„†å¼±æ€§

High

ã,¢ãƒ‰ãƒ�ã,¤ã,¶ãƒªãƒ¼ID : cisco-sa-20190703-asyncos-wsa

åˆ�å…¬é–‹æ—¥ : 2019-07-03 16:00

ãƒ�ãƒ¼ã,¸ãƒ§ãƒ³ 1.0 : Final

CVSSã,¹ã,³ã,¢ : [7.7](#)

å›žé�¿ç– : No workarounds available

Cisco ãƒ�ã,° ID : [CSCvo29853](#)

[CVE-2019-1884](#)

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

æ¦,è¦�

Cisco Web ã,»ã,ãƒ¥ãƒªãƒ†ã,£ ã,¢ãƒ—ãƒ©ã,¤ã,¢ãƒ³ã,¹ï¼ˆWSAï¼‰ç”¨ Cisco AsyncOS
ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�® Web
ãƒ—ãƒã,ã,·æ©Ÿèƒ½ã�®è„†å¼±æ€§ã�«ã,ˆã,Šã€�èª�è¨¼ã�•ã,Œã�¦ã�„ã,‹ãƒªãƒ¢ãƒ¼ãƒˆã�®æ”»æ

ã�“ã�®è„†å¼±æ€§ã�¯ã€�è©²å½“ãƒ‡ãƒ�ã,¤ã,¹ã,'ä»‹ã�—ã�¦é€�ä¿¡ã�•ã,Œã,‹
HTTP/HTTPS
è¦�æ±,ã�®ç‰¹å®šã�®ãƒ•ã,£ãƒ¼ãƒ«ãƒ‰ã�«å¯¾ã�™ã,‹å…¥åŠ›æ¤œè¨¼ãƒ¡ã,«ãƒ‹ã,ºãƒ ã�Œä¸�å
æ”»æ’ƒè€…ã�¯ã€�è©²å½“ã�™ã,‹ãƒ‡ãƒ�ã,¤ã,¹ã�«æ‚ªæ„�ã�®ã�‚ã,‹ HTTP/HTTPS
è¦�æ±,ã,'é€�ä¿¡ã�™ã,‹ã�“ã�¨ã�«ã,ˆã,Šã€�ã�“ã�®è„†å¼±æ€§ã,'ã,¨ã,¯ã,¹ãƒ—ãƒã,¤ãƒˆã�™ã,‹å
æ”»æ’ƒè€…ã�¯ã€�ã�“ã�®è„†å¼±æ€§ã,'ã,¨ã,¯ã,¹ãƒ—ãƒã,¤ãƒˆã�™ã,‹ã�¨ã€�ãƒ‡ãƒ�ã,¤ã,¹ã�«ãƒˆ
DoS çŠ¶æ…‹ã,'å¼•ã��è µ·ã�“ã�›ã,‹ã,ˆã�†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,'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,¶ãƒªã�¯ã€�æ¬¡ã�®ãƒªãƒ³ã,¯ã,ˆã,Šç¢ºèª�ã�§ã��ã�¾ã�™ã€,
https://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20190703-asyncos-wsa

è©²å½“è£½å“�

è„†å¼±æ€§ã�®ã�,ã,‹è£½å“�

ã�“ã�®è„†å¼±æ€§ã�¯ã€�ä»®æƒ³ã,¢ãƒ—ãƒ©ã,¤ã,¢ãƒ³ã,¹ã�¨ãƒ�ãƒ¼ãƒ‰ã,¦ã,§ã,¢ ã,¢ãƒ—ãƒ©ã,¤ã,¢ãƒ³ã,¹ä¸¡æ–¹ã�® Cisco Web ã,»ã,ãƒ¥ãƒªãƒ†ã,£ ã,¢ãƒ—ãƒ©ã,¤ã,¢ãƒ³ã,¹ç”¨ Cisco AsyncOS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�«å½±éŸ¿ã,'ä¸Žã�ˆã�¾ã�™ã€,

è„†å¼±æ€§ã�Œå˜åœ¨ã�™ã,‹ Cisco AsyncOS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒªãƒªãƒ¼ã,¹ã�«ã�¤ã�„ã�¦ã�¯ã€�ã�“ã�®ã,¢ãƒ‰ãƒ�ã,¤ã,¶ãƒªã�®ã€Œä¿®æ£æ¸ˆã�¿ã,½ãƒ•

è„†å¼±æ€§ã,'å�«ã,“ã�§ã�„ã�ªã�„ã�“ã�¨ã�Œç¢ºèª�ã�•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�“ã�®è„†å¼±æ€§ã�Œä»¥ä¸‹ã�®ã,·ã,¹ã,³è£½å“�ã�«ã�¯å½±éŸ¿ã,'ä¸Žã�ˆã�

- E ãƒ¡ãƒ¼ãƒ« ã,»ã,ãƒ¥ãƒªãƒ†ã,£ ã,¢ãƒ—ãƒ©ã,¤ã,¢ãƒ³ã,¹ï¼ˆESAï¼‰ã�®ä»®æƒ³ãƒ�ãƒ¼ã,¸ãƒ§ãƒ³ã�¨ãƒ�ãƒ¼ãƒ‰ã,¦ã,§ã,¢ ã,¢ãƒ—ãƒ©ã,¤ã,¢ãƒ³ã,¹ã�®ä¸¡æ–¹
- Security Mail Applianceï¼ˆSMAï¼‰ã�®ä»®æƒ³ãƒ�ãƒ¼ã,¸ãƒ§ãƒ³ã�¨ãƒ�ãƒ¼ãƒ‰ã,¦ã,§ã,¢ ãƒ�ãƒ¼ã,¸ãƒ§ãƒ³ã�®ä¸¡æ–¹

ã,»ã,ãƒ¥ãƒªãƒ†ã,£ä¾µå®³ã�®ç—•è·¡

ã�“ã�®è„†å¼±æ€§ã�Œã,¨ã,¯ã,¹ãƒ—ãƒã,¤ãƒˆã�•ã,Œã,‹ã�¨ã€�Cisco WSA ã�¯ãƒ¡ã,¤ãƒ³ ãƒ—ãƒã,ã,· ãƒ—ãƒã,»ã,¹ç”¨ã�®ã,³ã,¢ ãƒ•ã,¡ã,¤ãƒ«ã,'ç”Ÿæˆ�ã�™ã,‹å�¯èƒ½æ€§ã�Œã�,ã,Šã�¾ã�™ã€, ã�“ã�®ã,³ã,¢ ãƒ•ã,¡ã,¤ãƒ«ã,'ç¢ºèª�ã�—ã€�ãƒ‡ãƒ�ã,¤ã,¹ã�«ã�“ã�®è„†å¼±æ€§ã�®ä¸�æ£å̂©ç”¨ã�Œç™ºç”Ÿã Technical Assistance Centerï¼ˆTACï¼‰ã�¾ã�§ã�”é€£çµ¡ã�� ã� ã�•ã�„ã€,

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,£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,¢ 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,£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€�[Cisco Security Advisories and Alerts](https://www.cisco.com/) 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�ˆ†ã�ªãƒ¡ãƒ¢ã
ä¸�æ˜Žã�ªç,¹ã�«ã�¤ã�„ã�¦ã�¯ã€�Cisco TAC
ã,‚ã�—ã��ã�¯å¥‘ç´„ã�—ã�¦ã�„ã,‹ãƒ¡ãƒ³ãƒ†ãƒŠãƒ³ã,¹
ãƒ—ãƒãƒ�ã,¤ãƒ€ãƒ¼ã�¾ã�§ã�Šå•�ã�„å�ˆã,�ã�›ã��ã� ã�•ã�„ã€,

ã,µãƒ¼ãƒ“ã,¹å¥‘ç´„ã,’ã�”å�ˆ©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�”å�ˆ©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,’è¨¼æ˜Žã�—ã�¦ã�„ã�Ÿã
URL ã,’ã�”ç”¨æ„�ã��ã� ã�•ã�„ã€,

ä¿®æ£æ¸ˆã�¿ãƒªãƒªãƒ¼ã,¹

æ¬¡ã�®è¡¨ã�«ç¤ºã�™ã,ˆã�†ã�«ã€�è©²å½“ã�™ã,‹ä¿®æ£æ¸ˆã�¿ã�®ã,½ãƒ•ãƒˆã,¦ã,§ã,¢
ãƒªãƒªãƒ¼ã,¹ã�«ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã�™ã,‹ã�“ã�¨ã,’ã�Šå‹§ã,�ã�—ã�¾ã�™ã€,

Cisco AsyncOS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒ¡ã,¸ãƒ£ãƒ¼ ãƒªãƒªãƒ¼ã,¹	First Fixed Releaseï¼ˆä¿®æ£ã�•ã,Œã�Ÿæœ€å�ˆ�ã�®ãƒªãƒªãƒ¼ã,¹ï¼‰
10.1	10.5.5-005
10.5	10.5.5-005

Cisco AsyncOS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒ¡ã,¸ãƒ£ãƒ¼ ãƒªãƒªãƒ¼ã,¹	First Fixed Releaseï¼ˆä¿®æ£ã�•ã,Œã�Ÿæœ€åˆ�ã�®ãƒªãƒªãƒ¼ã,¹ï¼‰
11.5	11.5.2-020
11.7	11.7.0-407

ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�®ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã�¯ã€�ã�»ã�¨ã,“ã�©ã�®å ´å�ˆã€�Cisco WSA Web ã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã�® [ã,·ã,¹ãƒ†ãƒ ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ï¼ˆSystem Upgradeï¼‰] ã,ªãƒ—ã,·ãƒ§ãƒ³ã,’ä½¿ç”¨ã�™ã,‹ã�“ã�¨ã�«ã,ˆã,Šã€�ãƒ�ãƒƒãƒˆãƒ¯ãƒ¼ã,¯çµŒç”±ã�§å®Ÿè¡Œã�§ã Web ã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã,’ä½¿ç”¨ã�—ã�¦ãƒ‡ãƒ�ã,¤ã,¹ã,’ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã�™ã,‹å ´å�ˆ

1. [ã,·ã,¹ãƒ†ãƒ ç®¡ç�†ï¼ˆSystem Administrationï¼‰] > [ã,·ã,¹ãƒ†ãƒ ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ï¼ˆSystem Upgradeï¼‰] ã,’é�¸æŠžã�—ã�¾ã�™ã€,
2. [ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ï¼ˆUpgradeï¼‰] ã,ªãƒ—ã,·ãƒ§ãƒ³ã,’ã,¯ãƒªãƒƒã,¯ã�—ã�¾ã�™ã€,
3. [ãƒ€ã,¦ãƒ³ãƒãƒ¼ãƒ‰ã�—ã�¦ã,¤ãƒ³ã,¹ãƒˆãƒ¼ãƒ«ï¼ˆDownload and Installï¼‰] ã,’é�¸æŠžã�—ã�¾ã�™ã€,
4. ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã�™ã,‹ãƒªãƒªãƒ¼ã,¹ã,’é�¸æŠžã�—ã�¾ã�™ã€,
5. [ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰æº–å,™ï¼ˆUpgrade Preparationï¼‰] é ˜åŸŸã�§ã€�é�©åˆ‡ã�ªã,ªãƒ—ã,·ãƒ§ãƒ³ã,’é�¸æŠžã�—ã�¾ã�™ã€,
6. [ç¶šè¡Œï¼ˆProceedï¼‰] ã,’ã,¯ãƒªãƒƒã,¯ã�™ã,‹ã�¨ã€�ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã�Œå§‹ã�¾ã,Šã�¾ã�™ã€, ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã�®ã,¹ãƒ†ãƒ¼ã,¿ã,¹ã,’ç¤ºã�™çµŒé�Žè¡¨ç¤ºãƒ�ãƒ¼ã�Œè¡¨ç¤ºã�•ã,

ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã�Œå®Œäº†ã�™ã,‹ã�¨ã€�ãƒ‡ãƒ�ã,¤ã,¹ã�Œãƒªãƒ–ãƒ¼ãƒˆã�—ã�¾ã�™

ä¸�æ£åˆ©ç”¨äº‹ä¾‹ã�¨å…¬å¼�ç™ºè¡¨

Cisco Product Security Incident Response Teamï¼ˆPSIRTï¼‰ã�§ã�¯ã€�æœ¬ã,¢ãƒ‰ãƒ�ã,¤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,Œã�¾ã�—ã�Ÿã€,

URL

https://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20190703-asyncos-wsa

æ”¹è¨‚å±¥æ´

â€”

ãƒ�ãƒ¼ã‚¸ãƒ§ãƒ³	èª¬æ˜Ž	ã‚»ã‚¯ã‚·ãƒ§ãƒ³	ã‚¹ãƒ†ãƒ¼ã‚¿ã‚¹	Date
1.0	åˆ�å›žå…¬é–‹ãƒªãƒªãƒ¼ã‚¹		æœ€çµ‚ç‰ˆ	2019 å¹´ 7 æœˆ 3 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。