1000ã‚·ãƒªãƒ¼ã‚ºã‚¢ã‚°ãƒªã‚²ãƒ¼ã‚·ãƒ§ãƒ³ã‚µãƒ¼ãƒ“ã‚¹ã IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®è¤‡æ•°ã�®è„†å¼±æ

High

ã‚¢ãƒ‰ãƒ�ã‚¤ã‚¶ãƒªãƒ¼ID : cisco-sa-20131030-asr1000

åˆ�å…¬é–‹æ—¥ : 2013-10-30 16:00

ãƒ�ãƒ¼ã‚¸ãƒ§ãƒ³ 1.0 : Final

CVSSã‚¹ã‚³ã‚¢ : 7.8

å›žé�¿ç– : No Workarounds available

Cisco ãƒ�ã‚° ID : CSCtt26470 CSCud72509 CSCuf08269 CSCuh19936

CVE-2013-5546
CVE-2013-5547
CVE-2013-5545
CVE-2013-5543

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

æ¦‚è¦�

1000ã‚·ãƒªãƒ¼ã‚ºã‚¢ã‚°ãƒªã‚²ãƒ¼ã‚·ãƒ§ãƒ³ã‚µãƒ¼ãƒ“ã‚¹ãƒ«ãƒ¼ã‚¿(ASR)å�‘ã�‘Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�«ã�¯ã€�æ¬¡ã�®ã‚µãƒ¼ãƒ“ã‚¹æ‹’å�¦(DoS)ã�®è„†å¼±æ€§ã�Œå˜åœ¨ã�

- Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�«ã�Šã�‘ã‚‹ä¸�æ£ã�ªICMPãƒ‘ã‚±ãƒƒãƒˆã�«ã‚ˆã‚‹DoSè„†å¼±æ€§
- Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®PPTPãƒˆãƒ©ãƒ•ã‚£ãƒƒã‚¯ã�«ã�Šã�‘ã‚‹DoSè„†å¼±æ€§
- Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®TCPã‚»ã‚°ãƒ¡ãƒ³ãƒˆå†�æ§‹æˆ�ã�«ã�Šã�‘ã‚‹DoSè„†å¼±æ€§
- Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�«ã�Šã�‘ã‚‹ä¸�æ£ã�ªEoGREãƒ‘ã‚±ãƒƒãƒˆã�«ã‚ˆã‚‹Denial of Service(DoS)ã�®è„†å¼±æ€§

ã�“ã‚Œã‚‰ã�®è„†å¼±æ€§ã�¯äº’ã�„ã�«ç‹¬ç«‹ã�—ã�¦ã�„ã�¾ã�™ã€‚ã�„ã�šã‚Œã�‹ã�®è

ã�“ã‚Œã‚‰ã�®è„†å¼±æ€§ã�®ã�„ã�šã‚Œã�‹ã�Œä¸�æ£åˆ©ç”¨ã�•ã‚Œã‚‹ã�¨ã€�èª�è¨¼ã�

ã�“ã�®è„†å¼±æ€§ã�Œç¹°ã‚Šè¿”ã�—æ‚ªç”¨ã�•ã‚Œã‚‹ã�¨ã€�DoS çŠ¶æ…‹ã�Œç¶šã��å�¯èƒ½æ€§ã�Œã�‚ã‚Šã�¾ã�™ã€‚

æ³¨ï¼š Cisco IOSã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�Šã,ˆã�³Cisco IOS-XRã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�¯ã€�ã�“ã,Œã,‰ã�®è„†å¼±æ€§ã�®å½±éŸ¿ã,’å�—ã�‘ã�¾ã�›ã,“ã€,

ã,·ã,¹ã,³ã�¯ã�“ã,Œã,‰ã�®è„†å¼±æ€§ã�«å¯¾å‡¦ã�™ã,‹ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã,¢ãƒƒãƒ—ãƒ‡ãƒ¼ãƒˆã,’ã

https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20131030-asr1000

è©²å½“è£½å“�

1000ã,·ãƒªãƒ¼ã,ºASRç”¨ã�®Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�«ã�¯ã€�è¤‡æ•°ã�®DoSè„†å¼±æ€§ã�Œå˜åœ¨ã�—ã�¾ã�™ã€,1000ã,·ã

IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�®è©²å½“ãƒ�ãƒ¼ã,¸ãƒ§ãƒ³ã�¯ã€�ç‰¹å®šã�®è„†å¼±æ€§ã�«ã,ˆã�£ã�¦ç

è„†å¼±æ€§ã�®ã�,ã,‹è£½å“�

å€‹ã€…ã�®ãƒ�ãƒ¼ã,¸ãƒ§ãƒ³æƒ…å ±ã�«ã�¤ã�„ã�¦ã�¯ã€�ã�“ã�®ã,¢ãƒ‰ãƒ�ã,¤ã,¶ãƒªã�®ãƒ�ãƒ¼ã,¸ãƒ§ãƒ³ã�Šã,ˆã�³ä¿®æ£ã€�ã,»ã,¯ã,·ãƒ§ãƒ³ã,'å�‚ç…§ã�—ã�¦ã��ã� ã�•ã�„ã€,

Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�«ã�Šã�'ã,‹ä¸�æ£ã�ªICMPãƒ'ã,±ãƒƒãƒˆã�«ã,ˆã,‹DoSè„†å¼±æ€§

Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�«ã�¯ã€�ã,¾ãƒ¼ãƒ³ãƒ™ãƒ¼ã,¹ãƒ•ã,¡ã,¤ã,¢ã,¦ã,©ãƒ¼ãƒ«(ZBFW)ã�«ã,ˆã�£ã�

ZBFWã�Œãƒ‡ãƒ�ã,¤ã,¹ã�§è¨å®šã�•ã,Œã�¦ã�„ã,‹ã�‹ã�©ã�†ã�‹ã,'ç¢ºèª�ã�™ã,‹ã�«ã�¯ **show policy-map type inspect zone-pair**ç‰¹æ¨©EXECã,³ãƒžãƒ³ãƒ‰ã,'ä½¿ç”¨ã�—ã�¾ã�™ã€,show policy-map type inspect zone-pairã�®å‡ºåŠ›ã�§ã€�è¨å®šã�•ã,Œã�Ÿã,¾ãƒ¼ãƒ³ãƒšã,¢ã,¯ãƒ©ã,¹ãƒžãƒƒãƒ—ã�®ä¸‹ã�« **Match: protocol tcp**ã�¾ã�Ÿã�¯ **Match:** protocol udpã�Šã,ˆã�³ **Inspect**ã�Œå˜åœ¨ã�™ã,‹å ´å�ˆã�¯ã€�TCPã�¾ã�Ÿã�¯UDPãƒ—ãƒãƒˆã,³ãƒ«ã�®ZBFWã,¤ãƒ³ã,

æ¬¡ã�®å‡ºåŠ›ã�¯ã€�ZBFWã�¨ã�—ã�¦è¨å®šã�•ã,Œã�¦ã�„ã,‹Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�§ã�® **show policy-map type inspect zone-pair**ã�®å‡ºåŠ›ã�§ã�™ã€,

<#root>

```
Router#show policy-map type inspect zone-pair
  Zone-pair: clients-servers
  Service-policy inspect : clients-servers-policy

    Class-map: L4-inspect-class (match-any)
      Match:
protocol tcp


      Match:
protocol udp


      Match: protocol icmp


Inspect
```

æ³¨ï¼šZBFWã�Œè¨å®šã�•ã‚Œã�¦ã�„ã‚‹Cisco
IOSãƒ‡ãƒ�ã‚¤ã‚¹ã�¯ã€�ã�“ã�®è„†å¼±æ€§ã�®å½±éŸ¿ã‚’å�—ã�‘ã�¾ã�›ã‚“ã€‚ã�“ã�®è„
IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã‚’å®Ÿè¡Œã�—ã�¦ã�„ã‚‹Cisco ASR
1000ã‚·ãƒªãƒ¼ã‚ºã‚¢ã‚°ãƒªã‚²ãƒ¼ã‚·ãƒ§ãƒ³ã‚µãƒ¼ãƒ“ã‚¹ãƒ«ãƒ¼ã‚¿ã�®ã�¿ã�§ã�™ã€‚

Cisco IOS
XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®PPTPãƒˆãƒ©ãƒ•ã‚£ãƒƒã‚¯ã�«ã�Šã�‘ã‚‹DoSè„†å¼±æ€§

Cisco IOS
XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�«ã�¯ã€�ãƒ�ãƒƒãƒˆãƒ¯ãƒ¼ã‚¯ã‚¢ãƒ‰ãƒ¬ã‚¹å¤‰æ�›(NAT)ã�Šã‚ˆã�³PPTP
to-Point Tunneling
Protocol(PPTP)ãƒ'ã‚±ãƒƒãƒˆã�®å‡¦ç�†ä¸ã�«ã€�è©²å½“ãƒ‡ãƒ�ã‚¤ã‚¹ã�®ãƒªãƒãƒ¼ãƒ‰ã‚’å¼•ã�

è©²å½“ãƒ‡ãƒ�ã‚¤ã‚¹ã�§NATã�¨PPTP
ALGã�Œæœ‰åŠ¹ã�«ã�ªã�£ã�¦ã�„ã‚‹å ´å�ˆã€�Cisco IOS
XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�Œã�“ã�®è„†å¼±æ€§ã�®å½±éŸ¿ã‚’å�—ã�‘ã‚‹å�¯èƒ½æ€§ã�Œã�‚ã‚Š

NATã�Œæœ‰åŠ¹ã�ªå ´å�ˆã€�ãƒ‡ãƒ�ã‚¤ã‚¹ã�§PPTP
ALGã�Œæœ‰åŠ¹ã�«ã�ªã‚Šã�¾ã�™ã€‚

Cisco IOS
XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®è¨å®šã�§NATã�Œæœ‰åŠ¹ã�«ã�ªã�£ã�¦ã�„ã‚‹ã�‹ã�©ã�†ã�‹ã

ip nat insideã,³ãƒžãƒ³ãƒ‰ã�¾ã�Ÿã�¯ **ip nat outside**ã,³ãƒžãƒ³ãƒ‰ã�Œç•°ã�ªã,‹ã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã�«å˜åœ¨ã�—ã€�å°‘ã�ªã��ã�¨ã,,1 **ip nat**ã,°ãƒãƒ¼ãƒ�ãƒ«ã,³ãƒ³ãƒ•ã,£ã,®ãƒ¥ãƒ¬ãƒ¼ã,·ãƒ§ãƒ³ã,³ãƒžãƒ³ãƒ‰ã�Œè¨å®šã�«å˜åœ¨ã�—ã�

NAT ã�Œè¨å®šã�«ã�,ã,‹ã�‹ã�©ã�†ã�‹ã,'å^¤æ–ã�™ã,‹ã�«ã�¯ã€�è„†å¼±æ€§ã�Œã�,ã,‹æ¬¡ã
show running-config | **include ip nat**ã,³ãƒžãƒ³ãƒ‰ã,'ä½¿ç"¨ã�™ã,‹ã�¨ã€�NATã�Œè¨å®šã�«å˜åœ¨ã�™ã,‹ã�‹ã�©ã�†ã�‹ã,'ç¢º

```
asr1004#show running-config | include ip nat
 ip nat inside
 ip nat outside
 ip nat inside source static 192.168.1.100 10.0.0.1
```

å‡ºåŠ›ã�Œç©ºã�®å ´å�ˆã€�ç‰¹å®šã�®ãƒ‡ãƒ�ã,¤ã,¹ã�§å®Ÿè¡Œã�•ã,Œã�¦ã�„ã,‹Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ãƒªãƒªãƒ¼ã,¹ã�«ã�¯è„†å¼±æ€§ã�¯ã�,ã,Šã�¾ã�›ã,"ã€,è¿"ã�•ã,Œã,‹å‡ºåŠ ALGã,µãƒ¼ãƒ"ã,¹ã�¯NATè¨å®šã�§æ˜Žç¤ºçš„ã�«ç„¡åŠ¹ã�«ã�•ã,Œã,‹ã�"ã�¨ã�Œã�,ã,Šã�¾ã ALGã�Œç„¡åŠ¹ã�«ã�ªã�£ã�¦ã�„ã,‹ã�‹ã�©ã�†ã�‹ã,'ç¢ºèª�ã�™ã,‹ã�«ã�¯ã€�**show run | include ip nat**ç‰¹æ¨©EXECã,³ãƒžãƒ³ãƒ‰ã,'ä½¿ç"¨ã�—ã�¾ã�™ã€,**no ip nat service pptp**ã�Œ**show run | include ip nat**ã�¯ã€�NATè¨å®šã�§PPTP ALGã�Œç„¡åŠ¹ã�«ã�ªã�£ã�¦ã�„ã,‹ã�"ã�¨ã,'ç¤ºã�—ã�¾ã�™ã€,

show runã�®å‡ºåŠ›ã�¯æ¬¡ã�®ã�¨ã�Šã,Šã�§ã�™ | **include ip nat**ã,³ãƒžãƒ³ãƒ‰ã,'ã€�NATè¨å®šã�§PPTP ALGã�Œç„¡åŠ¹ã�«ã�ªã�£ã�¦ã�„ã,‹Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�§å®Ÿè¡Œã�—ã�¾ã�™ã€,

<#root>

```
asr1004#show running-config | include ip nat
 ip nat inside
 ip nat outside
 ip nat inside source static 192.168.1.100 10.0.0.1

no ip nat service pptp
```

æ³¨ï¼šNATè¨å®šã�§PPTP ALGã‚’ç„¡åŠ¹ã�«ã�™ã‚‹è¨å®šã‚³ãƒžãƒ³ãƒ‰ã�¯ã€�Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ãƒ�ãƒ¼ã‚¸ãƒ§ãƒ³3.9ä»¥é™�ã�§ä½¿ç”¨ã�§ã��ã�¾ã�™ã€‚3.9ã‚ˆã‚Šå‰�ã IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ãƒ�ãƒ¼ã‚¸ãƒ§ãƒ³ã�§ã�¯ã€�NATè¨å®šã�§PPTP ALGã‚’ç„¡åŠ¹ã�«ã�™ã‚‹æ©Ÿèƒ½ã�¯ã�‚ã‚Šã�¾ã�›ã‚“ã€‚

PPTP ALGã‚¤ãƒ³ã‚¹ãƒšã‚¯ã‚·ãƒ§ãƒ³ã�Œè¨å®šã�•ã‚Œã�¦ã�„ã‚‹Cisco IOSãƒ‡ãƒ�ã‚¤ã‚¹ã�¯ã€�ã�“ã�®è„†å¼±æ€§ã�®å½±éŸ¿ã‚’å�—ã�‘ã�¾ã�›ã‚“ã€‚ ã�“ã�®è„† IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã‚’å®Ÿè¡Œã�—ã�¦ã�„ã‚‹Cisco ASR 1000ã‚·ãƒªãƒ¼ã‚ºã‚¢ã‚°ãƒªã‚²ãƒ¼ã‚·ãƒ§ãƒ³ã‚µãƒ¼ãƒ“ã‚¹ãƒ«ãƒ¼ã‚¿ã�®ã�¿ã�§ã�™ã€‚

Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®TCPã‚»ã‚°ãƒ¡ãƒ³ãƒˆå†�æ§‹æˆ�ã�«ã�Šã�‘ã‚‹DoSè„†å¼±æ€§

Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�«ã�¯ã€�ãƒ�ãƒƒãƒˆãƒ¯ãƒ¼ã‚¯ã‚¢ãƒ‰ãƒ¬ã‚¹å¤‰æ�›(NAT)ã‚’å�—ã�‘ã‚‹ã‚»

NATã�Œæœ‰åŠ¹ã�ªå ´å�ˆã�¯ã€�TCPãƒªã‚¢ã‚»ãƒ³ãƒ–ãƒªã�Œæœ‰åŠ¹ã�«ã�ªã‚Šã�¾ã�™ã

Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®è¨å®šã�§NATã�Œæœ‰åŠ¹ã�«ã�ªã�£ã�¦ã�„ã‚‹ã�‹ã�©ã�†ã�‹ã **ip nat inside**ã‚³ãƒžãƒ³ãƒ‰ã�¾ã�Ÿã�¯ **ip nat outside**ã‚³ãƒžãƒ³ãƒ‰ã�Œç•°ã�ªã‚‹ã‚¤ãƒ³ã‚¿ãƒ¼ãƒ•ã‚§ã‚¤ã‚¹ã�«å˜åœ¨ã�—ã€�å°‘ã�ªã��ã�¨ã‚‚1 **ip nat**ã‚°ãƒãƒ¼ãƒ�ãƒ«ã‚³ãƒ³ãƒ•ã‚£ã‚®ãƒ¥ãƒ¬ãƒ¼ã‚·ãƒ§ãƒ³ã‚³ãƒžãƒ³ãƒ‰ã�Œè¨å®šã�«å˜åœ¨ã�—ã�¦

NAT ã�Œè¨å®šã�«ã�‚ã‚‹ã�‹ã�©ã�†ã�‹ã‚’åˆ¤æ–ã�™ã‚‹ã�«ã�¯ã€�è„†å¼±æ€§ã�Œã�‚ã‚‹æ¬¡ã show running-config | **include ip nat**ã‚³ãƒžãƒ³ãƒ‰ã‚’ä½¿ç”¨ã�™ã‚‹ã�¨ã€�NATã�Œè¨å®šã�«å˜åœ¨ã�™ã‚‹ã�‹ã�©ã�†ã�‹ã‚’ç¢º

```
asr1004#show running-config | include ip nat
 ip nat inside
 ip nat outside
 ip nat inside source static 192.168.1.100 10.0.0.1
```

ã�“ã�®è„†å¼±æ€§ã�®å½±éŸ¿ã,’å�—ã�‘ã,‹ã�®ã�¯ã€�ã,¨ãƒ³ãƒ™ãƒ‡ãƒƒãƒ‰ã,µãƒ¼ãƒ“ã,¹ãƒ—
ESP100)ã,’æ�è¼‰ã�—ã�ŸCisco ASR 1000ã,·ãƒªãƒ¼ã,ºã,¢ã,°ãƒªã,²ãƒ¼ã,·ãƒ§ãƒ³ã,µãƒ¼ãƒ“ã,¹ãƒ«ãƒ¼ã,¿(ASR1000-ESP100)ã�¨Cisco ASR1002-Xã,·ãƒªãƒ¼ã,ºãƒ«ãƒ¼ã,¿ã�®ã�¿ã�§ã�™ã€,

Cisco ASR 1000ãƒ‡ãƒ�ã,¤ã,¹ã�«ASR1000-ESP100ã�Œã,¤ãƒ³ã,¹ãƒˆãƒ¼ãƒ«ã�•ã,Œã�¦ã�„ã,‹ã�‹ã€�Cisco ASR1002-Xã,·ãƒªãƒ¼ã,ºãƒ«ãƒ¼ã,¿ã�§ã�‚ã,‹ã�‹ã,’ç¢ºèª�ã�™ã,‹ã�«ã�¯ã€�**show inventory**ã,³ãƒžãƒ³ãƒ‰ã,’ç™ºè¡Œã�—ã�¾ã�™ã€,ASR1000-ESP100ã,’æ�è¼‰ã�—ã�ŸCisco ASR 1006ãƒ«ãƒ¼ã,¿ã�§å®Ÿè¡Œã�•ã,Œã�¦ã�„ã,‹Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�§ã�®**show inventory**ã�®å‡ºåŠ›ã,’æ¬¡ã�«ç¤ºã�—ã�¾ã�™ã€,

<#root>

```
asr1006#show inventory
NAME: "Chassis", DESCR: "Cisco ASR1006 Chassis"
PID: ASR1006
NAME: "module F1", DESCR: "Cisco ASR1000 Embedded Services Processor, 10


0Gbps"
PID: ASR1000-ESP10


0
```

æ³¨ï¼šNATã�Œè¨å®šã�•ã,Œã�ŸCisco
IOSãƒ‡ãƒ�ã,¤ã,¹ã�¯ã€�ã�“ã�®è„†å¼±æ€§ã�®å½±éŸ¿ã,’å�—ã�‘ã�¾ã�›ã,“ã€, ã�“ã�®è„†
IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã,’å®Ÿè¡Œã�—ã�¦ã�„ã,‹Cisco ASR 1000ã,·ãƒªãƒ¼ã,ºã,¢ã,°ãƒªã,²ãƒ¼ã,·ãƒ§ãƒ³ã,µãƒ¼ãƒ“ã,¹ãƒ«ãƒ¼ã,¿ã�®ã�¿ã�§ã�™ã€,

Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�«ã�Šã�‘ã,‹ä¸�æ£ã�ªEoGREãƒ‘ã,±ãƒƒãƒˆã�«ã,ˆã,‹Denial of Service(DoS)ã�®è„†å¼±æ€§

Cisco IOS
XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�«ã�¯ã€�EoGREã�Œè¨å®šã�•ã,Œã�Ÿã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ä¸Šã�§ã€�
over Generic Routing
Encapsulation(EoGRE)ãƒ'ã,±ãƒƒãƒˆã,'å‡¦ç�†ã�™ã,‹éš›ã�«ã€�è©²å½"ãƒ‡ãƒ�ã,¤ã,¹ã�®ãƒªãƒªãƒ¼ã
EoGREã�¯ãƒ‡ãƒ•ã,©ãƒ«ãƒˆã�§ã�¯æœ‰åŠ¹ã�«ã�ªã�£ã�¦ã�„ã�¾ã�›ã,"ã€,

Cisco IOS
XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�®è¨å®šã�§EoGREã�Œæœ‰åŠ¹ã�«ã�ªã�£ã�¦ã�„ã,‹ã�‹ã�©ã�†ã�
mode ethernet gre ipv4ã�¾ã�Ÿã�¯**tunnel mode ethernet gre
ipv6**ã,³ãƒžãƒ³ãƒ‰ã�Œå˜åœ¨ã�—ã€�ã��ã�®ã,¤ãƒ³ã,¿ãƒ¼ãƒ•ã,§ã,¤ã,¹ã�«å°'ã�ªã��ã�¨ã,,1ã

NAT
ã�Œè¨å®šã�«ã�,ã,‹ã�‹ã�©ã�†ã�‹ã,'å^¤æ–ã�™ã,‹ã�«ã�¯ã€�è„†å¼±æ€§ã�Œã�,ã,‹æ¬¡ã
show running-config | **include Tunnel|(tunnel mode|ip address
.)**ã,³ãƒžãƒ³ãƒ‰ã,'ä½¿ç"¨ã�™ã,‹ã�¨ã€�è„†å¼±æ€§ã�®ã�,ã,‹æ¬¡ã�®è¨å®šä¾‹ã�«ç¤ºã�™ã,^ã�

```
asr1004#show running-config | include Tunnel|(tunnel mode|ip address .)
interface Tunnel0
 ip address 192.168.1.1 255.255.255.0
 tunnel mode ethernet gre ipv4
```

æ³¨ï¼šEoGREç"¨ã�«è¨å®šã�•ã,Œã�ŸCisco
IOSãƒ‡ãƒ�ã,¤ã,¹ã�¯ã€�ã�"ã�®è„†å¼±æ€§ã�®å½±éŸ¿ã,'å�—ã�'ã�¾ã�›ã,"ã€,ã�"ã�®è„†
IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã,'å®Ÿè¡Œã�—ã�¦ã�„ã,‹Cisco ASR
1000ã,·ãƒªãƒ¼ã,ºã,¢ã,°ãƒªã,²ãƒ¼ã,·ãƒ§ãƒ³ã,µãƒ¼ãƒ"ã,¹ãƒ«ãƒ¼ã,¿ã�®ã�¿ã�§ã�™ã€,

å®Ÿè¡Œã,½ãƒ•ãƒˆã,¦ã,§ã,¢ ãƒ�ãƒ¼ã,¸ãƒ§ãƒ³ã�®å^¤å^¥

Cisco ASR 1000 ã,·ãƒªãƒ¼ã,º ã,¢ã,°ãƒªã,²ãƒ¼ã,·ãƒ§ãƒ³ ã,µãƒ¼ãƒ"ã,¹ ãƒ«ãƒ¼ã,¿ã�® IOS XE
ãƒªãƒªãƒ¼ã,¹ã�¯ã€�Cisco IOS ã,½ãƒ•ãƒˆã,¦ã,§ã,¢
ãƒªãƒªãƒ¼ã,¹ã�«å¯¾å¿œã�—ã�¦ã�„ã�¾ã�™ã€,ã�Ÿã�¨ã�ˆã�°ã€�Cisco IOS XE
Release 3.6.2S ã�¯ã€�Cisco ASR 1000 ã,·ãƒªãƒ¼ã,º ã,¢ã,°ãƒªã,²ãƒ¼ã,·ãƒ§ãƒ³ ã,µãƒ¼ãƒ"ã,¹
ãƒ«ãƒ¼ã,¿ã�® IOS XE ãƒªãƒªãƒ¼ã,¹ 15.2(2)S2 ã�«å¯¾å¿œã�™ã,‹ã,½ãƒ•ãƒˆã,¦ã,§ã,¢
ãƒªãƒªãƒ¼ã,¹ã�§ã�™ã€,
Cisco IOS XE ãƒªãƒªãƒ¼ã,¹ã�¨é–¢é€£ã�™ã,‹ Cisco IOS
ãƒªãƒªãƒ¼ã,¹ã�¨ã�®å¯¾å¿œã�®è©³ç´°ã�«ã�¤ã�„ã�¦ã�¯ã€�æ¬¡ã,'å�‚ç…§ã�—ã�¦ã��ã

http://www.cisco.com/en/US/docs/routers/asr1000/release/notes/asr1k_rn_intro.html è„†å¼±æ€§ã�®ã�‚ã‚‹ãƒ�ãƒ¼ã‚¸ãƒ§ãƒ³ã�® IOS XE ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�Œãƒ‡ãƒ�ã‚¤ã‚¹ã�§å®Ÿè¡Œã�•ã‚Œã�¦ã�„ã‚‹ã�‹ã�©ã�†ã�‹ã‚'ç¢ºèª�ã� **show version ã‚³ãƒžãƒ³ãƒ‰ã‚'å®Ÿè¡Œã�—ã�¾ã�™ã€‚**ä»¥ä¸‹ã�«ã€�Cisco IOS XE ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ ãƒ�ãƒ¼ã‚¸ãƒ§ãƒ³ 3.6.2Sï¼ˆCisco IOS ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ ãƒ�ãƒ¼ã‚¸ãƒ§ãƒ³ 15.2 (2) S2 ã�«å¯¾å¿œï¼‰ã‚'å®Ÿè¡Œã�—ã�¦ã�„ã‚‹å ´å�ˆã�®ä¾‹ã‚'ç¤ºã�—ã�¾ã�™ã€‚

```
asr1004#show version
Cisco IOS Software, IOS-XE Software (PPC_LINUX_IOSD-ADVENTERPRISEK9-M), Version 15.2(2)S2, R
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2012 by Cisco Systems, Inc.
Compiled Tue 07-Aug-12 13:40 by mcpre
```

æ³¨ï¼š Cisco IOS **XE**ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã‚¤ãƒ¡ãƒ¼ã‚¸ã�¯ã€�ã‚µãƒ–ãƒ'ãƒƒã‚±ãƒ¼ã‚¸ã�¨ã‚‚å'¼ã�°ã‚Œã‚‹7ã�¤ã�®å€‹å ˆ¥ IOS XE ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�® In-Service Software Upgradeï¼ˆISSUï¼‰æ©Ÿèƒ½ã‚'ä½¿ç"¨ã�™ã‚‹ã‚ˆã�†è¨è¨ˆã�•ã‚Œã�¦ã�Šã‚Šã€�ãƒ¦ãƒ¼ã‚¶ã�¯ IOS XE ã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ ãƒ'ãƒƒã‚±ãƒ¼ã‚¸ã�®è©³ç´°ã�«ã�¤ã�„ã�¦ã�¯ã€�æ¬¡ã‚'å�‚ç…§ã�—ã�¦ã���ã� ã�•ã�„ã€‚

http://www.cisco.com/en/US/partner/prod/collateral/routers/ps9343/product_bulletin_c25-448387.html

ãƒ'ãƒƒã‚±ãƒ¼ã‚¸ã�Œå€‹å ˆ¥ã�«ã‚¢ãƒƒãƒ—ã‚°ãƒ¬ãƒ¼ãƒ‰ã�•ã‚Œã‚‹å ´å�ˆã€� **show version**ã‚³ãƒžãƒ³ãƒ‰ã�®å‡ºåŠ›ã�¯ç•°ã�ªã‚‹å ´å�ˆã�Œã�‚ã‚Šã�¾ã�™ã€‚

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

Cisco IOSã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�¾ã�Ÿã�¯Cisco IOS-XRã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã‚'å®Ÿè¡Œã�—ã�¦ã�„ã‚‹è£½å"�ã�¯ã€�ã�"ã‚Œã‚‰ã�®è„†å¼±æ€§ã�

1000ã‚·ãƒªãƒ¼ã‚ºã‚¢ã‚°ãƒªã‚²ãƒ¼ã‚·ãƒ§ãƒ³ã‚µãƒ¼ãƒ"ã‚¹ãƒ«ãƒ¼ã‚¿ç"¨Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã‚'é™¤ã��ã€�ä»–ã�®ã‚·ã‚¹ã‚³è£½å"�ã�«ã�Šã�„ã�¦ã�"ã‚Œã‚‰ã�®è„†

è©³ç´°

æ¬¡ã�®ã‚»ã‚¯ã‚·ãƒ§ãƒ³ã�§ã€�ã��ã‚Œã�žã‚Œã�®è„†å¼±æ€§ã�«é–¢ã�™ã‚‹è¿½åŠ æƒ…å ±ã‚’ç¤

Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�«ã�Šã�‘ã‚‹ä¸�æ£ã�ªICMPãƒ‘ã‚±ãƒƒãƒˆã�«ã‚ˆã‚‹DoSè„†å¼±æ€§

Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®ã‚¾ãƒ¼ãƒ³ãƒ™ãƒ¼ã‚¹ãƒ•ã‚¡ã‚¤ã‚¢ã‚¦ã‚©ãƒ¼ãƒ«(ZBFW)TCPã�¾ã�Ÿã�¯UDPã‚

ã�“ã�®è„†å¼±æ€§ã�¯ã€�ZBFWã�«ã‚ˆã�£ã�¦æ¤œæŸ»ã�•ã‚Œã‚‹TCPã�¾ã�Ÿã�¯UDPæŽ¥ç¶

ã�“ã�®è„†å¼±æ€§ã�¯ã€�Cisco Bug ID CSCtt26470(ç™»éŒ²ãƒ¦ãƒ¼ã‚¶å°‚ç”¨)ã�¨ã�—ã�¦æ–‡æ›¸åŒ–ã�•ã‚Œã€�Common Vulnerabilities and Exposures(CVE)IDã�¨ã�—ã�¦CVE-2013-5543ã�Œå‰²ã‚Šå½“ã�¦ã‚‰ã‚Œã�¦ã�„ã�¾ã�™ã€‚

Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®PPTPãƒˆãƒ©ãƒ•ã‚£ãƒƒã‚¯ã�«ã�Šã�‘ã‚‹DoSè„†å¼±æ€§

Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®PPTP ALGæ©Ÿèƒ½ã�®è„†å¼±æ€§ã�«ã‚ˆã‚Šã€�èª�è¨¼ã�•ã‚Œã�¦ã�„ã�ªã�„ãƒªãƒ¢ãƒ¼ãƒˆã�®æ”»æ

ã�“ã�®è„†å¼±æ€§ã�¯ã€�Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®NATæ©Ÿèƒ½ã�®ä¸€éƒ¨ã�¨ã�—ã�¦æ¤œæŸ»ã�•ã‚Œã‚‹PPTPãƒ‘ã‚±ãƒƒãƒ

ä¸�æ£åˆ©ç”¨ã�«æˆ�åŠŸã�™ã‚‹ã�¨ã€�æ”»æ’ƒè€…ã�¯ã‚·ã‚¹ãƒ†ãƒ ã�®ãƒªãƒãƒ¼ãƒ‰ã‚’å¼•ã��è
çŠ¶æ…‹ã�Œç¶šã��å�¯èƒ½æ€§ã�Œã�‚ã‚Šã�¾ã�™ã€‚

ã�“ã�®è„†å¼±æ€§ã�¯ã€�Cisco Bug ID CSCuh19936(ç™»éŒ²ãƒ¦ãƒ¼ã‚¶å°‚ç”¨)ã�¨ã�—ã�¦æ–‡æ›¸åŒ–ã�•ã‚Œã€�Common Vulnerabilities and Exposures(CVE)IDã�¨ã�—ã�¦CVE-2013-5545ã�Œå‰²ã‚Šå½“ã�¦ã‚‰ã‚Œã�¦ã�„ã�¾ã�™ã€‚

Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�®TCPã,»ã,°ãƒ¡ãƒ³ãƒˆå†�æ§‹æˆ�ã�«ã�Šã�‘ã,‹DoSè„†å¼±æ€§

Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�®TCPã,»ã,°ãƒ¡ãƒ³ãƒˆå†�æ§‹æˆ�ã�«ã�Šã�‘ã,‹è„†å¼±æ€§ã�«ã,ˆã,Šã€�èª�

ã�“ã�®è„†å¼±æ€§ã�¯ã€�è©²å½“ãƒ‡ãƒ�ã,¤ã,¹ã�®NATæ©Ÿèƒ½ã�Šã,ˆã�³ALGæ©Ÿèƒ½ã�«ã,ˆã

ã�“ã�®è„†å¼±æ€§ã�¯ã€�Cisco Bug ID CSCud72509(ç™»éŒ²ãƒ¦ãƒ¼ã,¶å°‚ç”¨)ã�¨ã�—ã�¦æ–‡æ›¸åŒ–ã�•ã,Œã€�Common Vulnerabilities and Exposures(CVE)IDã�¨ã�—ã�¦CVE-2013-5546ã�Œå‰²ã,Šå½“ã�¦ã,‰ã,Œã�¦ã�„ã�¾ã�™ã€,

Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�«ã�Šã�‘ã,‹ä¸�æ£ã�ªEoGREãƒ'ã,±ãƒƒãƒˆã�«ã,ˆã,‹Denial of Service(DoS)ã�®è„†å¼±æ€§

Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�®EoGREæ©Ÿèƒ½ã�®è„†å¼±æ€§ã�«ã,ˆã,Šã€�èª�è¨¼ã�•ã,Œã�¦ã�„ã�ªã

ã�“ã�®è„†å¼±æ€§ã�¯ã€�ä¸�æ£ã�ªEoGREãƒ'ã,±ãƒƒãƒˆã�®ä¸�é�©åˆ‡ã�ªå‡¦ç�†ã�«èµ·å› ã�
EoGREãƒ'ã,±ãƒƒãƒˆã,'é€�ä¿¡ã�™ã,‹ã�“ã�¨ã�§ã€�ã�“ã�®è„†å¼±æ€§ã,'ä¸�æ£åˆ©ç”¨ã�™ã,‹å�

ã�“ã�®è„†å¼±æ€§ã�¯ã€�Cisco Bug ID CSCuf08269(ç™»éŒ²ãƒ¦ãƒ¼ã,¶å°‚ç”¨)ã�¨ã�—ã�¦æ–‡æ›¸åŒ–ã�•ã,Œã€�Common Vulnerabilities and Exposures(CVE)IDã�¨ã�—ã�¦CVE-2013-5547ã�Œå‰²ã,Šå½“ã�¦ã,‰ã,Œã�¦ã�„ã�¾ã�™ã€,

å›žé�¿ç–

ã�“ã,Œã,‰ã�®è„†å¼±æ€§ã,'è»½æ¸›ã�™ã,‹å›žé�¿ç–ã�¯ã�,ã,Šã�¾ã�›ã,“ã€,

ä¿®æ£æ¸ˆã�¿ã,½ãƒ•ãƒˆã,¦ã,§ã,¢

ã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�®ã,¢ãƒƒãƒ—ã,°ãƒ¬ãƒ¼ãƒ‰ã,'æ¤œè¨Žã�™ã,‹å ´å�ˆã�¯ã€�http://www.cisco.co ã�® Cisco Security Advisories and Responses ã,¢ãƒ¼ã,«ã,¤ãƒ–ã,„å¾Œç¶šã�®ã,¢ãƒ‰ãƒ�ã,¤ã,¶ãƒªã,'å�‚ç…§ã�—ã�¦ã€�ä¾µå®³ã,'å�—ã�'ã,‹å 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�†ã�ªãƒ¡ãƒ¢ã Technical Assistance Centerï¼ˆTACï¼‰ã,,ã�—ã��ã�¯å¥'ç´„ã�—ã�¦ã�„ã,‹ãƒ¡ãƒ³ãƒ†ãƒŠãƒ³ã,¹ãƒ—ãƒãƒ�ã,¤ãƒ€ãƒ¼ã�«

å�„Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ãƒªãƒªãƒ¼ã,¹ã�¯ã€�æ¨™æº–ã,µãƒ�ãƒ¼ãƒˆãƒªãƒªãƒ¼ã,¹ã�¾ã�Ÿã�¯æ‹¡å¼µã,µ Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�®ã,µãƒ�ãƒ¼ãƒˆçµ‚äº†ãƒ�ãƒªã,·ãƒ¼ã�Šã,ˆã�³ç‰¹å®šã�®Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ãƒªãƒªãƒ¼ã,¹ã�«é–¢ã�™ã,‹é–¢é€£ã,µãƒ�ãƒ¼ãƒˆãƒžã,¤ãƒ«ã,¹ãƒˆãƒ¼ãƒ³ã�®è©³ç

Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ãƒªãƒªãƒ¼ã,¹3.9Sã�¾ã�§ã�®Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã,µãƒ�ãƒ¼ãƒˆã,¿ã,¤ãƒ ãƒ©ã,¤ãƒ³ã�Šã,ˆã�³Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ãƒªãƒªãƒ¼ã,¹3.10Sä»¥é™�ã�®Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã,µãƒ�ãƒ¼ãƒˆã,¿ã,¤ãƒ ãƒ©ã,¤ãƒ³

Cisco IOS XEã,½ãƒ•ãƒˆã,¦ã,§ã,¢ã�«ã�Šã�'ã,‹ä¸�æ£ã�ªICMPãƒ'ã,±ãƒƒãƒˆã�«ã,ˆã,‹DoSè„†å¼±æ€§

è„†å¼±æ€§	ãƒ¡ã,¸ãƒ£ãƒ¼ ãƒªãƒªãƒ¼ã,¹	æ‹¡å¼µãƒªãƒªãƒ¼ã,¹	First Fixed Releaseï¼ˆä¿®æ£ã�•ã,Œã�Ÿæœ€å�ˆã�®ãƒªãƒªãƒ¼ã,¹ï¼‰
CSCtt26470	2.x	-	Not affected
	3.1	Yes	Not affected
	3.2	No	Not affected
	3.3	No	Not affected
	3.4	Yes	3.4.2S
	3.5	No	3.5.1S
	3.6	No	Not affected
	3.7	Yes	Not affected
	3.8	No	Not affected
	3.9	No	Not affected
	3.10	Yes	Not affected

Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®PPTPãƒˆãƒ©ãƒ•ã‚£ãƒƒã‚¯ã�«ã�Šã�‘ã‚‹DoSè„†å¼±æ€§

è„†å¼±æ€§	ãƒ¡ã‚¸ãƒ£ãƒ¼ ãƒªãƒªãƒ¼ã‚¹	æ‹¡å¼µãƒªãƒªãƒ¼ã‚¹	First Fixed Releaseï¼ˆä¿®æ£ã�•ã‚Œã�Ÿæœ€åˆ�ã�®ãƒªãƒªãƒ¼ã‚¹ï¼‰
CSCuh19936	2.x	-	Not affected
	3.1	Yes	Not affected
	3.2	No	Not affected
	3.3	No	Not affected
	3.4	Yes	Not affected
	3.5	No	Not affected
	3.6	No	Not affected
	3.7	Yes	Not affected
	3.8	No	Not affected
	3.9	No	3.9.2S
	3.10	Yes	Not affected

Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®TCPã‚»ã‚°ãƒ¡ãƒ³ãƒˆå†�æ§‹æˆ�ã�«ã�Šã�‘ã‚‹DoSè„†å¼±æ€§

è„†å¼±æ€§	ãƒ¡ã‚¸ãƒ£ãƒ¼ ãƒªãƒªãƒ¼ã‚¹	æ‹¡å¼µãƒªãƒªãƒ¼ã‚¹	First Fixed Releaseï¼ˆä¿®æ£ã�•ã‚Œã�Ÿæœ€åˆ�ã�®ãƒªãƒªãƒ¼ã‚¹ï¼‰
CSCud72509	2.x	-	Not affected
	3.1	Yes	Not affected
	3.2	No	Not affected
	3.3	No	Not affected
	3.4	Yes	Not affected
	3.5	No	Not affected
	3.6	No	Not affected
	3.7	Yes	3.7.3S
	3.8	No	3.8.1S
	3.9	No	Not affected

	3.10	Yes	Not affected

Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�«ã�Šã�‘ã‚‹ä¸�æ£ã�ªEoGREãƒ‘ã‚±ãƒƒãƒˆã�«ã‚ˆã‚‹Denial of Service(DoS)ã�®è„†å¼±æ€§

è„†å¼±æ€§	ãƒ¡ã‚¸ãƒ£ãƒ¼ãƒªãƒªãƒ¼ã‚¹	æ‹¡å¼µãƒªãƒªãƒ¼ã‚¹	First Fixed Releaseï¼ˆä¿®æ£ã�•ã‚Œã�Ÿæœ€åˆ�ã�®ãƒªãƒªãƒ¼ã‚¹ï¼‰
CSCuf08269	2.x	-	Not affected
	3.1	Yes	Not affected
	3.2	No	Not affected
	3.3	No	Not affected
	3.4	Yes	Not affected
	3.5	No	Not affected
	3.6	No	Not affected
	3.7	Yes	Not affected
	3.8	No	Not affected
	3.9	No	3.9.2S
	3.10	Yes	Not affected

æŽ¨å¥¨ãƒªãƒªãƒ¼ã‚¹

æŽ¨å¥¨ãƒªãƒªãƒ¼ã‚¹ã�®è¡¨ã�«ã�¯ã€�ã�“ã�®ã‚¢ãƒ‰ãƒ�ã‚¤ã‚¶ãƒªã�®å…¬é–‹æ™‚ç‚¹ã�§å…¬é–‹ã

First Fixed Release	**æŽ¨å¥¨ãƒªãƒªãƒ¼ã‚¹**	**æ‹¡å¼µãƒªãƒªãƒ¼ã‚¹**
2.x	è„†å¼±æ€§ã�ªã�—	-
3.1	è„†å¼±æ€§ã�ªã�—	Yes
3.2	è„†å¼±æ€§ã�ªã�—	No
3.3	è„†å¼±æ€§ã�ªã�—	No
3.4	3.4.2S	Yes

3.5	3.5.1S	No
3.6	è„†å¼±æ€§ã�ªã�—	No
3.7	3.7.3S	Yes
3.8	3.8.1S	No
3.9	3.9.2S	No
3.10	è„†å¼±æ€§ã�ªã�—	Yes

ä¸�æ£å ˆ©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€

Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®ä¸�æ£ã�ªICMPãƒ‘ã‚±ãƒƒãƒˆã�«ã‚ˆã‚‹Denial of Service(DoS)ã�®è„†å¼±æ€§ã�¨Cisco IOS XEã‚½ãƒ•ãƒˆã‚¦ã‚§ã‚¢ã�®TCPã‚»ã‚°ãƒ¡ãƒ³ãƒˆã�®å†�æ§‹æˆ�ã�«ã�Šã�'ã‚‹Denial of Service(DoS)ã�®è„†å¼±æ€§ã�¯ã€�ã‚«ã‚¹ã‚¿ãƒžãƒ¼ã‚µãƒ�ãƒ¼ãƒˆã‚±ãƒ¼ã‚¹ã�®è§£æ±ºä¸ã�«ç™ºè¦

ã�"ã�®ã‚»ã‚ãƒ¥ãƒªãƒ†ã‚£ã‚¢ãƒ‰ãƒ�ã‚¤ã‚¶ãƒªã�«è¨˜è¼‰ã�•ã‚Œã�¦ã�„ã‚‹æ®‹ã‚Šã�®è„†å¼±æ

URL

https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20131030-asr1000

æ”¹è¨‚å±¥æ´

ãƒªãƒ"ã‚¸ãƒ§ãƒ³ 1.0	2013å¹´10æœˆ30æ—¥	åˆ�ç‰ˆãƒªãƒªãƒ¼ã‚¹

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±¡

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。