

Semiannual Cisco IOS Software Security Advisory Bundled
Publication

http://www.cisco.com/web/about/security/intelligence/Cisco_ERP_sep11.html

Cisco Unified Communications

Manager
Unified Communications
Manager
Advisory

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20110928-cucm>

è©²å½“è£½å“

è,†å¼±æ€§å,å,è£½å“

Cisco
IOS
XE

Cisco

IOS
peer
voice
IOS
Unified Communications Manager
Express

```
dial-peer voice <Voice dial-peer tag> voip
!
!
```

Cisco

IOS
peer
include SIP
IOS
IOS

<#root>

Router#

show processes | include SIP

149	Mwe	40F48254	4	1	400023108/24000	0	CCSIP_UDP_SOCKET
150	Mwe	40F48034	4	1	400023388/24000	0	CCSIP_TCP_SOCKET

æ³i¼šCisco

IOSã,½ãf•ãf^ã,|ã,šã,çã,'ã@ÿè;CEã—ã|ã,,ã,ãfããfã,ã,ã,¹ãCE SIPãf;ãffã,»ãf¼ã,ã@ã±|ç±ã

processes | include

SIPã,³ãfžãf³ãf%ãã,'ã½ç'ã™ã,ãã"ã€ããfããfã,ã,ã,¹ãCEç%ã¹ã@šã@è"ã@šã,³ãfžãf³ãf%ãã@ã

Cisco Unified Border

Elementã,ããf;ãf¼ã,,ã,,ã€ãã"ã,CEã,%ãã@è,,ã¼±æ€šã@ããã±ã¼±éÿã,ã—ã

æ³i¼šCisco Unified Border Elementæ©ÿèf½zi¼^CUBEã€æ—šçš°Cisco Multiservice IP-to-IP

Gatewayi¼%ãã"ã€ãCiscoãfžãfããfã,ã,ã,¹ã,²ãf¼ãf^ã,|ã,šã,ãã—ãf©ãffãf^ãfã,©ãf¼ãfã

IOSã,½ãf•ãf^ã,|ã,šã,çã,ããf;ãf¼ã,ããšã™ãã,è²é±ã€ã,»ã,ãfããfããfã,£ã€ã,³ãf¼ãf«ã,çãf%ããfÿ

of

Service(QoS)ã€ããšã,^ã³ã,ã,ããfšãfããf³ã,ã,ããf³ã,çãf¼ããfããf¼ã,ãf³ã,°ç"ã@ãfããffãf^ãfãf¼ã

ã,ã,¹ã,³è£½ã"ããšç"¼ããã—ã|ã,,ã,ç Cisco IOSã,½ãf•ãf^ã,|ã,šã,ç

ãfããfããf¼ã,¹ã,çç°èãã™ã,ãã«ã"ã€ããfããfã,ã,ã,¹ã«ããã,°ã,ããf³ã—ã| show

versionã,³ãfžãf³ãf%ãã,'ã½ç;ã£ã|ã€ã,ã,¹ãfããf

ããããšããf¼ã,'è;"ç°ã—ã¾ãã™ã€, "Internetwork Operating System Software"ã€"Cisco

IOS Software"ãã,ããã,,ãã"ã,CEã,%ãã@«é;žã¼¼ã™ã,ã,ã,¹ãfããf

ããããšããf¼ã«ã,^ã£ã|ããfããfã,ã,ã,¹ãš Cisco IOS

ã,½ãf•ãf^ã,|ã,šã,çãCEç"¼ããã—ã|ã,,ã,ãã"ã"ã,çç°èããšããã¾ã™ã€,

ãããã@ã¾CEã,ãã«ã,ããf;ãf¼ã,ããããCEæ¬ã¼šã@é—"ã«è;"ç°ãã,CEã€ç¶šã,,ã|

"Version"ã" Cisco IOSã,½ãf•ãf^ã,|ã,ã,ç

ãfããfããf¼ã,¹ããããCEè;"ç°ãã,ã,CEã¾ã™ã€,ã»ã@ã,ã,¹ã,³

ããããfããfã,ã,ã,¹ãšã"ã€ãshow version

ã,³ãfžãf³ãf%ããCEã~ãce"ã—ã³ããã£ãÿã,šã€ã^ãã@ã±ãšããCEè;"ç°ãã,ã,CEãÿã

æ¬ã¾ãã"ã€ãCisco

IOSã,½ãf•ãf^ã,|ã,šã,çããããããf¼ã,¹15.0(1)M1ã,ã@ÿè;CEã—ã€ã,ããã³ã,¹ãf^ãf¼ããããã,ã,CEã|ã

UNIVERSALK9-Mãšãã,ã,ã,ã,¹ã,³è£½ã"ã,çç°ã—ã|ã,,ã¾ã™ã€,

<#root>

Router>

æ³i¼šSIPã€ETCPãf^ãf©ãf³ã,1ãfãf¼ãf^ã,Šã€šã®ÿè;CEã•ã,CEã|ã,,ã,ã 'ã ^ã€ã"ã,CEã,%ã
è,,†ã¼±æ€šã-æ-;ã@ã"ãŠã,Šãšã™ã€,

[CSCth03022](#)(ç™»éCE²ãf!ãf¼ã,¶!ã°,ç™)ã«ã,^ã,Šã€è©²ã½"ãfãfã,ã,ã,1ã@ãfããf¼ãf%ãCEã¼ã
Vulnerabilities and Exposures(CVE)IDã"ã—ã|CVE-2011-
0939ãCEã%ã²ã,Šã½"ã|ã,%ã,CEã|ã,,ã¾ã™ã€,

[CSCti48504](#)(ç™»éCE²ãf!ãf¼ã,¶!ã°,ç™)ã«ã,^ã,Šã€ãf;ãfçãfããfãf¼ã,ãCEç™ç"ÿã™ã,ã 'ã ^ãCEã
IDã- CVE ID CVE-2011-3275ãšã™ã€,

[CSCto88686](#)(ç™»éCE²ãf!ãf¼ã,¶!ã°,ç™)ã«ã,^ã,Šã€è©²ã½"ãfãfã,ã,ã,1ã@ãf;ãfçãfããfãf¼ã,ã¾ã™ã€
IDã- CVE ID CVE-2011-2072ãšã™ã€,

æ³i¼šã"ã@è,,†ã¼±æ€šã- Cisco Unified Communications
Managerã«ã,,ã½±éÿã,ã,Žã^ã¾ã™ã€,ã¾ã¿œã™ã,«Cisco Bug
IDã- [CSCti86047](#)(ç™»éCE²ãf!ãf¼ã,¶!ã°,ç™)ãšã™ã€,è©³ç'ã«ã¾ã,,ã|ã-ã€Cisco
Unified Communications Managerã«é-çã™ã,ã^ãã@Cisco Security
Advisoryã,ã,ç...šã—ã|ããããã,ã€,

ã>žéç-

è©²ã½"ã™ã,«Cisco
IOSãfãfã,ã,ã,1ãšVoIPã,¶ãf¼ãf"ã,1ç"ã@SIPãCEã¿...è|ããã 'ã ^ã€SIPã,ç,,iãšã«ã™ã,
ãfãffãf^ãfãf¼ã,ãt...ã@Ciscoãfãfã,ã,ã,1ã«é©ç"ã-èf½ãª»-ã@ç.©ã'CEç-ãã¾ã
[amb-20110928-voice](#)ã«ã,%ãã...¥æ%ãšã¾ã™ã€,

SIPãfã,1ãfãf³ã,°ãfãf¼ãf^ã@ç,,iãšãCE-

SIPã,'æœ%ãšã«ã™ã,ã¿...è|ããCEãªã,,ãfãfã,ã,ã,1ã@ã 'ã ^ã€æœ€ã,,ç°;ã~ãšãšã¹ã
IOSã,½ãfãfã,|ã,šã,çã@ã,€éf"ã@ãfãf¼ã,,ãfšãf³ãšã-ã€ç@;ççtè€...ã-æ-;ã@ã,³ãfžã

```
sip-ua  
no transport udp  
no transport tcp  
no transport tcp tls
```

è!ãŠi¼šãf;ãfãã,£ã,çã,²ãf¼ãf^ã,|ã,šã,ã,³ãf³ãf^ãfãf¼ãf«ãf—ãfãf^ã,³ãf«(MGCP)ã¾ãÿã-H.323ã,³ãf¼ã

show udp connectionsã€**show tcp brief all**ã€ãŠã,^ã³**show processes | include**
SIPã,³ãfžãf³ãf%ã,'ã½ç™ã

™ã,ã€ã"ã®åžéç-ãé©ç"ã¼Āã«SIP
UDPãfãf¼ãf^ã"TCPãfãf¼ãf^ãĀé-%ãã~ã|ã„ã,ãã"ã"ã,çç°èããšããã¼ã™ã

ã½ç"ã—ã|ã„ã, Cisco
IOSã,½ãfãf^ã,|ã,šã,čã®ãfãf¼ã,ãšãšãã«ã,^ãĀã|ã-ãĀSIPãĀĀfãšã,Āã,»ãf¼ãf-ãf«ã«
ip

socketsã,³ãfžãf³ãf%ã®åšã»ã«SIPãfãf¼ãf^ãĀé-ãã„ã|ã„ã,ãã"ã"ãĀã¼ãç¶šã

*Jun 2 11:36:47.691: sip_udp_sock_process_read: SIP UDP Listener is DISABLED

ã,³ãf³ãf^ãfãf¼ãf«ãf—ãf-ãf¼ãf³ãfãfãã,ãf³ã,°

SIPã,ãf¼ãf"ã,ã,æãã¼ã™ã,ãç...è|ãĀĀã,ã,ãfãfãã,ã,ã,ãšã-ãĀã,³ãf³ãf^ãfãf¼ãf«ãf—
IOSãfããfãf¼ã,12.0SãĀĀ12.2SXãĀĀ12.2SãĀĀ12.3TãĀĀ12.4ãĀĀãšã,^ã³12.4Tãšã,μãfãf¼ãf
CoPPã,è"ã®šã—ã|ãĀç®ççĀãf—ãf-ãf¼ãf³ã"ã,³ãf³ãf^ãfãf¼ãf«
ãf—ãf-ãf¼ãf³ã,ãçĀã—ãĀæ—čãã®ã,»ã,ãfããfããfã,Ā
ãfããfãã,ãf¼ãšã,^ã³è"ã®šã«ã¼"ãĀã|ãĀã,ããf³ãfãfãã,ãfããã,ãfãããĀã®ãfããã,ã

```
!-- The 192.168.1.0/24 network and the 172.16.1.1 host are trusted.  
!-- Everything else is not trusted. The following access list is used  
!-- to determine what traffic needs to be dropped by a control plane  
!-- policy (the CoPP feature): if the access list matches (permit)  
!-- then traffic will be dropped and if the access list does not  
!-- match (deny) then traffic will be processed by the router.  
access-list 100 deny udp 192.168.1.0 0.0.0.255 any eq 5060  
access-list 100 deny tcp 192.168.1.0 0.0.0.255 any eq 5060  
access-list 100 deny tcp 192.168.1.0 0.0.0.255 any eq 5061  
access-list 100 deny udp host 172.16.1.1 any eq 5060  
access-list 100 deny tcp host 172.16.1.1 any eq 5060  
access-list 100 deny tcp host 172.16.1.1 any eq 5061  
access-list 100 permit udp any any eq 5060  
access-list 100 permit tcp any any eq 5060  
access-list 100 permit tcp any any eq 5061  
  
!-- Permit (Police or Drop)/Deny (Allow) all other Layer3 and Layer4  
!-- traffic in accordance with existing security policies and  
!-- configurations for traffic that is authorized to be sent  
!-- to infrastructure devices.  
!-- Create a Class-Map for traffic to be policed by  
!-- the CoPP feature.  
class-map match-all drop-sip-class  
  match access-group 100  
  
!-- Create a Policy-Map that will be applied to the  
!-- Control-Plane of the device.  
policy-map control-plane-policy  
  class drop-sip-class  
    drop
```


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Affected 12.1-Based Releases

12.1E

Affected 12.2-Based Releases

12.2

12.2B

12.2BC

12.2BW

12.2BX

12.2BY

12.2BZ

12.2CX

12.2CY

12.2CZ

12.2DA

12.2DD	è,,†â¼±æ€§ãªã—
12.2DX	è,,†â¼±æ€§ãªã—
12.2EU	è,,†â¼±æ€§ãªã—
12.2EW	è,,†â¼±æ€§ãªã—
12.2EWA	è,,†â¼±æ€§ãªã—
12.2EX	è,,†â¼±æ€§ãªã—
12.2EY	è,,†â¼±æ€§ãªã—
12.2EZ	è,,†â¼±æ€§ãªã—
12.2FX	è,,†â¼±æ€§ãªã—
12.2FY	è,,†â¼±æ€§ãªã—
12.2FZ	è,,†â¼±æ€§ãªã—
12.2IRA	è,,†â¼±æ€§ãªã—
12.2IRB	è,,†â¼±æ€§ãªã—
12.2IRC	è,,†â¼±æ€§ãªã—
12.2IRD	è,,†â¼±æ€§ãªã—

12.2IRE	è,,†â¼±æ€§ãªã—
12.2IRF	è,,†â¼±æ€§ãªã—
12.2IRG	è,,†â¼±æ€§ãªã—
12.2IXA	è,,†â¼±æ€§ãªã—
12.2IXB	è,,†â¼±æ€§ãªã—
12.2IXC	è,,†â¼±æ€§ãªã—
12.2IXD	è,,†â¼±æ€§ãªã—
12.2IXE	è,,†â¼±æ€§ãªã—
12.2IXF	è,,†â¼±æ€§ãªã—
12.2IXG	è,,†â¼±æ€§ãªã—
12.2IXH	è,,†â¼±æ€§ãªã—
12.2JA	è,,†â¼±æ€§ãªã—
12.2JK	è,,†â¼±æ€§ãªã—
12.2MB	è,,†â¼±æ€§ãªã—
12.2MC	è,,†â¼±æ€§ãªã—

12.2MRA	è,,†â¼±æ€§ãªã—
12.2 MRB	è,,†â¼±æ€§ãªã—
12.2S	è,,†â¼±æ€§ãªã—
12.2SB	è,,†â¼±æ€§ãªã—
12.2SBC	è,,†â¼±æ€§ãªã—
12.2SCA	è,,†â¼±æ€§ãªã—
12.2SCB	è,,†â¼±æ€§ãªã—
12.2SCC	è,,†â¼±æ€§ãªã—
12.2SCD	è,,†â¼±æ€§ãªã—
12.2SCE	è,,†â¼±æ€§ãªã—
12.2SCF	è,,†â¼±æ€§ãªã—
12.2SE	è,,†â¼±æ€§ãªã—
12.2SEA	è,,†â¼±æ€§ãªã—
12.2SEB	è,,†â¼±æ€§ãªã—

12.2SEC	è,,†â¼±æ€§ãªã—
12.2SED	è,,†â¼±æ€§ãªã—
12.2SEE	è,,†â¼±æ€§ãªã—
12.2SEF	è,,†â¼±æ€§ãªã—
12.2SEG	è,,†â¼±æ€§ãªã—
12.2SG	è,,†â¼±æ€§ãªã—
12.2SGA	è,,†â¼±æ€§ãªã—
12.2SL	è,,†â¼±æ€§ãªã—
12.2SM	è,,†â¼±æ€§ãªã—
12.2SO	è,,†â¼±æ€§ãªã—
12.2SQ	è,,†â¼±æ€§ãªã—
12.2SRA	è,,†â¼±æ€§ãªã—
12.2SRB	è,,†â¼±æ€§ãªã—
12.2SRC	è,,†â¼±æ€§ãªã—
12.2SRD	è,,†â¼±æ€§ãªã—

12.2SRE	è,,†â¼±æ€§ãªã—
12.2STE	è,,†â¼±æ€§ãªã—
12.2SU	è,,†â¼±æ€§ãªã—
12.2SV	è,,†â¼±æ€§ãªã—
12.2SVA	è,,†â¼±æ€§ãªã—
12.2SVC	è,,†â¼±æ€§ãªã—
12.2SVD	è,,†â¼±æ€§ãªã—
12.2SVE	è,,†â¼±æ€§ãªã—
12.2SW	è,,†â¼±æ€§ãªã—
12.2SX	è,,†â¼±æ€§ãªã—
12.2SXA	è,,†â¼±æ€§ãªã—
12.2SXB	è,,†â¼±æ€§ãªã—
12.2SXD	è,,†â¼±æ€§ãªã—
12.2SXE	è,,†â¼±æ€§ãªã—
12.2SXF	è,,†â¼±æ€§ãªã—

12.2SXH	è,,†â¼±æ€§ãªã—
12.2SXI	è,,†â¼±æ€§ãªã—
12.2SXJ	è,,†â¼±æ€§ãªã—
12.2SY	è,,†â¼±æ€§ãªã—
12.2SZ	è,,†â¼±æ€§ãªã—
12.2T	è,,†â¼±æ€§ãªã—
12.2TPC	è,,†â¼±æ€§ãªã—
12.2XA	è,,†â¼±æ€§ãªã—
12.2XB	è,,†â¼±æ€§ãªã—
12.2XC	è,,†â¼±æ€§ãªã—
12.2XD	è,,†â¼±æ€§ãªã—
12.2XE	è,,†â¼±æ€§ãªã—
12.2XF	è,,†â¼±æ€§ãªã—
12.2XG	è,,†â¼±æ€§ãªã—
12.2XH	è,,†â¼±æ€§ãªã—

12.2XI	è,,†â¼±æ€§ãªã—
12.2XJ	è,,†â¼±æ€§ãªã—
12.2XK	è,,†â¼±æ€§ãªã—
12.2XL	è,,†â¼±æ€§ãªã—
12.2XM	è,,†â¼±æ€§ãªã—
12.2XN	è,,†â¼±æ€§ãªã—
12.2XNA	ã€Cisco IOS XEã,½ãf•ãf^ã.!.ã.šã.çãª@ã,Çãf™ã,ªãf©ãf"ãfããftã,£ã€ã
12.2XNB	ã€Cisco IOS XEã,½ãf•ãf^ã.!.ã.šã.çãª@ã,Çãf™ã,ªãf©ãf"ãfããftã,£ã€ã
12.2XNC	ã€Cisco IOS XEã,½ãf•ãf^ã.!.ã.šã.çãª@ã,Çãf™ã,ªãf©ãf"ãfããftã,£ã€ã
12.2XND	ã€Cisco IOS XEã,½ãf•ãf^ã.!.ã.šã.çãª@ã,Çãf™ã,ªãf©ãf"ãfããftã,£ã€ã
12.2XNE	ã€Cisco IOS XEã,½ãf•ãf^ã.!.ã.šã.çãª@ã,Çãf™ã,ªãf©ãf"ãfããftã,£ã€ã
12.2XNF	ã€Cisco IOS XEã,½ãf•ãf^ã.!.ã.šã.çãª@ã,Çãf™ã,ªãf©ãf"ãfããftã,£ã€ã
12.2XO	è,,†â¼±æ€§ãªã—
12.2XQ	è,,†â¼±æ€§ãªã—
12.2XR	è,,†â¼±æ€§ãªã—

12.2XS	è,,†â¼±æ€§ãªã—
12.2XT	è,,†â¼±æ€§ãªã—
12.2XU	è,,†â¼±æ€§ãªã—
12.2XV	è,,†â¼±æ€§ãªã—
12.2XW	è,,†â¼±æ€§ãªã—
12.2YA	è,,†â¼±æ€§ãªã—
12.2YB	è,,†â¼±æ€§ãªã—
12.2YC	è,,†â¼±æ€§ãªã—
12.2YD	è,,†â¼±æ€§ãªã—
12.2YE	è,,†â¼±æ€§ãªã—
12.2YF	è,,†â¼±æ€§ãªã—
12.2YG	è,,†â¼±æ€§ãªã—
12.2YH	è,,†â¼±æ€§ãªã—
12.2YJ	è,,†â¼±æ€§ãªã—
12.2YK	è,,†â¼±æ€§ãªã—

12.2YL	è,,†â¼±æ€§ãªã—
12.2YM	è,,†â¼±æ€§ãªã—
12.2YN	è,,†â¼±æ€§ãªã—
12.2YO	è,,†â¼±æ€§ãªã—
12.2YP	è,,†â¼±æ€§ãªã—
12.2YQ	è,,†â¼±æ€§ãªã—
12.2YR	è,,†â¼±æ€§ãªã—
12.2YS	è,,†â¼±æ€§ãªã—
12.2YT	è,,†â¼±æ€§ãªã—
12.2YU	è,,†â¼±æ€§ãªã—
12.2YV	è,,†â¼±æ€§ãªã—
12.2YW	è,,†â¼±æ€§ãªã—
12.2YX	è,,†â¼±æ€§ãªã—
12.2YY	è,,†â¼±æ€§ãªã—
12.2YZ	è,,†â¼±æ€§ãªã—

12.2ZA	è,,†â¼±æ€§ãªã—
12.2ZB	è,,†â¼±æ€§ãªã—
12.2ZC	è,,†â¼±æ€§ãªã—
12.2ZD	è,,†â¼±æ€§ãªã—
12.2ZE	è,,†â¼±æ€§ãªã—
12.2ZF	è,,†â¼±æ€§ãªã—
12.2ZG	è,,†â¼±æ€§ãªã—
12.2ZH	è,,†â¼±æ€§ãªã—
12.2ZJ	è,,†â¼±æ€§ãªã—
12.2ZL	è,,†â¼±æ€§ãªã—
12.2ZP	è,,†â¼±æ€§ãªã—
12.2ZU	è,,†â¼±æ€§ãªã—
12.2ZX	è,,†â¼±æ€§ãªã—
12.2ZY	è,,†â¼±æ€§ãªã—
12.2ZYA	è,,†â¼±æ€§ãªã—

Affected 12.3-Based Releases	
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è©2à½“ã™ă, < 12.3 ãf™ãf¼ã, 1ã®ãfãfãf¼ã, 1ã-ã,ã,Šã¾ã>ã,“ã€,

Affected 12.4-Based Releases	
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12.4	è,,†ã¼±æ€§ãã—
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12.4GC	12.4(24)GC4
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12.4JA	è,,†ã¼±æ€§ãã—
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12.4JAX	è,,†ã¼±æ€§ãã—
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12.4JDA	è,,†ã¼±æ€§ãã—
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12.4JDC	è,,†ã¼±æ€§ãã—
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12.4JHA	è,,†ã¼±æ€§ãã—
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12.4JHB	è,,†ã¼±æ€§ãã—
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12.4JHC	è,,†ã¼±æ€§ãã—
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12.4JK	è,,†ã¼±æ€§ãã—
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12.4JL	è,,†ã¼±æ€§ãã—
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12.4JMA	è,,†ã¼±æ€§ãã—
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	Cisco IOS XE Cisco IOS XE 15.1(4)SA
15.0SA	
15.0SE	
15.0SG	Cisco IOS XE Cisco IOS XE 15.1(4)SG
15.0XA	
15.0XO	Cisco IOS XE Cisco IOS XE 15.1(4)XO
15.1	
15.1EY	
15.1GC	
15.1M	15.1(4)M1
15.1MR	
15.1S	Cisco IOS XE Cisco IOS XE 15.1(4)S
15.1T	15.1(2)T4 15.1(3)T2

15.1XB	15.1(4)XB5
<p>ã½±éÿ;ã,'ã—ã'ã,< 15.2 ãf™ãf¼ã,¹ã®ãfªãf¼ã,¹</p>	
<p>ã½±éÿ;ã,'ã—ã'ã,< 15.2 ãf™ãf¼ã,¹ã®ãfªãf¼ã,¹ã-ã,ã,šã¾ã>ã,"ã€,</p>	

Cisco IOS XE ã½ãf•ãf~ã,lä,šã,ç

Cisco IOS XEãfªãf¼ã,¹	First Fixed Releasei¼^ä;®æfã•ã,Œãÿæœ€ã^ã®ãfªãf¼ã,¹¼‰	2011ã¹'9æœ^ã®ãfªãf¼ã,¹
2.1.x	è,,†ã¼±æ€§ãªã—	è,,†ã¼±æ€§ãª,ã,šã€
2.2.x	è,,†ã¼±æ€§ãªã—	è,,†ã¼±æ€§ãª,ã,šã€
2.3.x	è,,†ã¼±æ€§ãªã—	è,,†ã¼±æ€§ãª,ã,šã€
2.4.x	è,,†ã¼±æ€§ãªã—	è,,†ã¼±æ€§ãª,ã,šã€
2.5.x	3.1.3S	è,,†ã¼±æ€§ãª,ã,šã€
2.6.x	3.1.3S	è,,†ã¼±æ€§ãª,ã,šã€
3.1.xS	3.1.3S	è,,†ã¼±æ€§ãª,ã,šã€
3.1.xSG	è,,†ã¼±æ€§ãªã—	è,,†ã¼±æ€§ãª,ã,šã€
3.2.xS	3.2.1S	è,,†ã¼±æ€§ãª,ã,šã€

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翻訳について

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