

è©²å½“è£½å“

è,†å¼±æ€šã®ã,ã,è£½å“

è©²å½“ã™ã, Cisco IOSã,½å•åf^ã,|ã,šã,çã¼ãÿã Cisco IOS

XEã,½å•åf^ã,|ã,šã,çãåf¼ã,ãfšãf³ã,â@ÿè;CEã—ã|ã,,ã,ã,ã,¹ã,³åf†åfã,ã,¹ã—ã€SSHã

SSHãCEæœ%åš¹ã«ãªã£ã|ã,,ã,ã<ã©ã†ãã,çç°èªã™ã,ã«ã—ã€
show ip sshã,³åfžãf³ãf%ã,â½ç”ã—ã¼ã™ã€,

```
Router#show ip ssh
```

```
SSH Enabled - version 2.0
```

```
Authentication timeout: 120 secs; Authentication retries: 3
```

ã,šè~ã®å†°åšã—ã€ã“ã®åf†åfã,ã,¹ãSSHãCEæœ%åš¹ã«ãªã£ã|ãšã,šã
IOSã«ã,^ã£ã|å±åšãã,CEã,SSHãf—ãfãf^ã,³åf«ãf¼ã,ãfšãf³ã®å€ãæ—ãjã®ã

- 1.5:SSHãf—ãfãf^ã,³åf«ãf¼ã,ãfšãf³¹ã®ãçæœ%åš¹
- 1.99:SSHãf—ãfãf^ã,³åf«ãf¼ã,ãfšãf³¹ã®ã'æ>æ€šã,æœ%åš¹ã«ã—ãÿSSHãf—ã
- 2.0:SSHãf—ãfãf^ã,³åf«ãf¼ã,ãfšãf³²ã®ããçæœ%åš¹

SSHã,¼åfã—ã€ã™ã¹ã|ã®IOSã,ãåf¼ã,ãšã½ç”ãšãã,ã,ããã—ã

```
show ip
```

sshã,³åfžãf³ãf%ãCEã½ç”ãšããªãªã,ã'ã^ã€ãã®åf†åfã,ã,¹ã«ã—è,†å¼±æ

ã,ã,¹ã,è£½å“ãšç¼åfã—ã|ã,,ã, Cisco IOSã,½å•åf^ã,|ã,šã,ç

ãfªãfªãf¼ã,¹ã,çç°èªã™ã,ã«ã—ã€åf†åfã,ã,¹ã«ãfã,°ã,ããf³ã—ã| show

```
versionã,³åfžãf³ãf%ã,â½ç”ã£ã|ã€ã,ã,¹åf†åf
```

```
ãfãfšãf¼ã,èjçªã—ã¼ã™ã€, "Internetwork Operating System Software"ã€"Cisco
```

```
IOS Software"ã,ã,ã,,ã—ã"ã,CEã,%ã«éjžã¼ã™ã,ã,ã,¹åf†åf
```

```
ãfãfšãf¼ã«ã,^ã£ã|åf†åfã,ã,¹ãš Cisco IOS
```


Router(config-line)# access-class 1 in

! acl for 10.10.10.0/24

! acl for 10.10.10.0/24

! acl for 10.10.10.0/24

Cisco IOS 15.3(2)M

! acl

! acl

access-list 150 permit tcp TRUSTED_HOSTS MASK INFRASTRUCTURE_ADDRESSES MASK eq 22

! acl

! acl

access-list 150 deny tcp any INFRASTRUCTURE_ADDRESSES MASK eq 22

! acl

! acl

access-list 150 permit ip any any

interface serial2/0

ip access-group 150 in

Protecting Your Core: Infrastructure Protection Access Control

Lists...

...

...

...

...

...

```
access-list 152 deny tcp TRUSTED_ADDRESSES MASK any eq 22
```

```
access-list 152 permit tcp any eq 22
```

```
!
```

```
class-map match-all COPP-KNOWN-INWANTED
```

```
match access-group 152
```

```
!
```

```
!
```

```
policy-map COPP-INPUT-POLICY
```

```
  class COPP-KNOWN-INWANTED
```

```
    drop
```

```
!
```

```
control-plane
```

```
  service-policy input COPP-INPUT-POLICY
```

...

map

drop...

map dropæ©ÿèf!½ã◆®å½±éÿ;ã, 'å◆—ã◆ã◆¾ã◆>ã, "ã€,

CoPPæ©ÿèf!½ã◆®è"å®šã◆"ã½;ç'"æ-¹æ³•ã◆®è©³ç'°ã◆«ã◆ªã◆,,ã◆|ã◆-ã€æ¬;ã◆®URLã, 'å◆,

ã;®æ£æ, ^ã◆;ã, ½ãf•ãf^ã, |ã, \$ã, ç

ã, ½ãf•ãf^ã, |ã, \$ã, çã◆®ã, çãffãf—ã, °ãf-ãf¼ãf%ã, 'æªœè"Žã◆™ã, <ã 'å◆^ã◆-ã€◆<http://www.cisco.com/g>
ã◆® Cisco Security Advisories and Responses
ã, çãf¼ã, «ã,ªãf-ã,,ã¾CEç¶šã◆®ã, çãf%ããf◆ã,ªã,¶ãfã, 'å◆, ç...šã◆—ã◆|ã€◆ã¾µã®³ã, 'å◆—ã◆'ã, <ã
ã, ½ãfããf¼ã, .ãfšãf³ã, çç°èªã◆—ã◆|ã◆ã◆ã◆ã◆ã◆,ã€.

ã◆,,ã◆šã, CEã◆®å 'å◆^ã,,ã€◆ã, çãffãf—ã, °ãf-ãf¼ãf%ã◆™ã, <ãfããf◆ã,ªã,¹ã◆«ã◆ã◆ã^tä◆ªãf;ãfçã
Technical Assistance
Centeri¼^TACi¼%ã,,ã◆—ã◆ã◆ã◆-ã¶ç',ã◆—ã◆|ã◆,,ã, <ãf;ãf³ãfãfšãf³ã,¹ãf—ããf◆ã,ªãfãf¼ã◆◆

Cisco IOS ã, ½ãf•ãf^ã, |ã, \$ã, ç

æ¬;ã◆®Cisco IOSã, ½ãf•ãf^ã, |ã, \$ã, çãftãf¼ãf-ãf«ã◆®å◆,,è;CEã◆-ã€◆Cisco
IOSã, ½ãf•ãf^ã, |ã, \$ã, çãf^ãf-ã,ªãf³ã◆«ã"¾å;œã◆—ã◆|ã◆,,ã◆¾ã◆™ã€ç%ã¹å®šã◆®ãf^ãf-ã,ªãf³ã
Fixed
Release]ã^—ã◆«è;çª°ã◆•ã, CEã◆¾ã◆™ã€, 2012å¹3æœèã◆®ãfãf³ãf%ããf«ã...-é-ã◆«ã◆«ã◆¾ã
IOSã, ½ãf•ãf^ã, |ã, \$ã, çã, »ã,ãfããfããfã,£ã, çãf%ããf◆ã,ªã,¶ãfããfããfããf%ããf«ã...-é-ã◆«ã◆«ã◆¾ã, CEã
Cisco IOS Software Checkerã, 'ã½;ç'"ã◆™ã, <ã◆"ã€◆ç%ã¹å®šã◆®Cisco
IOSã, ½ãf•ãf^ã, |ã, \$ã, çãfããfããf¼ã,¹ã◆«ã"¾å;œã◆™ã, <ã, .ã,¹ã,³ã,,ã,ãfããfããfã,£ã, çãf%ããf◆ã,ªã,¶ãfãã,
Security(SIO)ãfãf¼ã, çããã◆šã^©ç'"ã◆šã◆ã◆¾ã◆™ã€,

ãf;ã,ãf£ãf¼ããf³ããf¼ã,¹	
Affected 12.0-Based Releases	
Affected 12.2-Based Releases	
12.2	è,,†ã¼±æ€§ã◆ªã◆—
12.2B	è,,†ã¼±æ€§ã◆ªã◆—
12.2BC	è,,†ã¼±æ€§ã◆ªã◆—
12.2BW	è,,†ã¼±æ€§ã◆ªã◆—
12.2BX	è,,†ã¼±æ€§ã◆ªã◆—
12.2BY	è,,†ã¼±æ€§ã◆ªã◆—
12.2BZ	è,,†ã¼±æ€§ã◆ªã◆—
12.2CX	è,,†ã¼±æ€§ã◆ªã◆—

12.2CY	è,,†â¼±æ€§ãªã—
12.2CZ	è,,†â¼±æ€§ãªã—
12.2DA	è,,†â¼±æ€§ãªã—
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€§ãª,ã,Šă€æœ€ă^ªãª@ăž@æƒãª— ăfªăfªăf¼ă,15.0SE 12.2(55)EX3ă»¥ă%ªãª@ăfªăfªăf¼ă,1ăª«ăª—è,,†â¼±æ€§ãªªãª,ã,Šă
12.2EY	12.2(58)EY2
12.2EZ	è,,†â¼±æ€§ãªªã—
12.2FX	è,,†â¼±æ€§ãªªã—
12.2FY	è,,†â¼±æ€§ãªªã—
12.2FZ	è,,†â¼±æ€§ãªªã—
12.2IRA	è,,†â¼±æ€§ãªªã—
12.2IRB	è,,†â¼±æ€§ãªªã—
12.2IRC	è,,†â¼±æ€§ãªªã—
12.2IRD	è,,†â¼±æ€§ãªªã—
12.2IRE	è,,†â¼±æ€§ãªªã—
12.2IRF	è,,†â¼±æ€§ãªªã—
12.2IRG	è,,†â¼±æ€§ãªªã—
12.2IRH	è,,†â¼±æ€§ãªªã—
12.2IXA	è,,†â¼±æ€§ãªªã—
12.2IXB	è,,†â¼±æ€§ãªªã—
12.2IXC	è,,†â¼±æ€§ãªªã—
12.2IXD	è,,†â¼±æ€§ãªªã—
12.2IXE	è,,†â¼±æ€§ãªªã—
12.2IXF	è,,†â¼±æ€§ãªªã—
12.2IXG	è,,†â¼±æ€§ãªªã—
12.2IXH	è,,†â¼±æ€§ãªªã—
12.2JA	è,,†â¼±æ€§ãªªã—
12.2JK	è,,†â¼±æ€§ãªªã—
12.2MB	è,,†â¼±æ€§ãªªã—

12.2SV	è,,†â¼±æ€§ãª—
12.2SVA	è,,†â¼±æ€§ãª—
12.2SVC	è,,†â¼±æ€§ãª—
12.2SVD	è,,†â¼±æ€§ãª—
12.2SVE	è,,†â¼±æ€§ãª—
12.2SW	è,,†â¼±æ€§ãª—
12.2SX	è,,†â¼±æ€§ãª—
12.2SXA	è,,†â¼±æ€§ãª—
12.2SXB	è,,†â¼±æ€§ãª—
12.2SXD	è,,†â¼±æ€§ãª—
12.2SXE	è,,†â¼±æ€§ãª—
12.2SXF	è,,†â¼±æ€§ãª—
12.2SXH	è,,†â¼±æ€§ãª—
12.2SXI	è,,†â¼±æ€§ãª—
12.2SXJ	è,,†â¼±æ€§ãª—
12.2SY	è,,†â¼±æ€§ãª—
12.2SZ	è,,†â¼±æ€§ãª—
12.2T	è,,†â¼±æ€§ãª—
12.2TPC	è,,†â¼±æ€§ãª—
12.2XA	è,,†â¼±æ€§ãª—
12.2XB	è,,†â¼±æ€§ãª—
12.2XC	è,,†â¼±æ€§ãª—
12.2XD	è,,†â¼±æ€§ãª—
12.2XE	è,,†â¼±æ€§ãª—
12.2XF	è,,†â¼±æ€§ãª—
12.2XG	è,,†â¼±æ€§ãª—
12.2XH	è,,†â¼±æ€§ãª—
12.2XI	è,,†â¼±æ€§ãª—
12.2XJ	è,,†â¼±æ€§ãª—
12.2XK	è,,†â¼±æ€§ãª—
12.2XL	è,,†â¼±æ€§ãª—
12.2XM	è,,†â¼±æ€§ãª—
12.2XNA	Cisco IOS XE ã.½ãf•ãf~ã.ã.šã.çãª®ãª“ ç”” æ€§Sã,ãª.ç...Sãª—ãª ãª
12.2XNB	Cisco IOS XE ã.½ãf•ãf~ã.ã.šã.çãª®ãª“ ç”” æ€§Sã,ãª.ç...Sãª—ãª ãª

12.2XNC	Cisco IOS XE 3.12af-af~ã,ã,šã,çã@ã-ç''' æ€šã,ã,ç...šã—ã ã
12.2XND	Cisco IOS XE 3.12af-af~ã,ã,šã,çã@ã-ç''' æ€šã,ã,ç...šã—ã ã
12.2XNE	Cisco IOS XE 3.12af-af~ã,ã,šã,çã@ã-ç''' æ€šã,ã,ç...šã—ã ã
12.2XNF	Cisco IOS XE 3.12af-af~ã,ã,šã,çã@ã-ç''' æ€šã,ã,ç...šã—ã ã
12.2XO	è,,†ã¼±æ€šã^ã—
12.2XQ	è,,†ã¼±æ€šã^ã—
12.2XR	è,,†ã¼±æ€šã^ã—
12.2XS	è,,†ã¼±æ€šã^ã—
12.2XT	è,,†ã¼±æ€šã^ã—
12.2XU	è,,†ã¼±æ€šã^ã—
12.2XV	è,,†ã¼±æ€šã^ã—
12.2XW	è,,†ã¼±æ€šã^ã—
12.2YA	è,,†ã¼±æ€šã^ã—
12.2YC	è,,†ã¼±æ€šã^ã—
12.2YD	è,,†ã¼±æ€šã^ã—
12.2YE	è,,†ã¼±æ€šã^ã—
12.2YK	è,,†ã¼±æ€šã^ã—
12.2YO	è,,†ã¼±æ€šã^ã—
12.2YP	è,,†ã¼±æ€šã^ã—
12.2YT	è,,†ã¼±æ€šã^ã—
12.2YW	è,,†ã¼±æ€šã^ã—
12.2YX	è,,†ã¼±æ€šã^ã—
12.2YY	è,,†ã¼±æ€šã^ã—
12.2YZ	è,,†ã¼±æ€šã^ã—
12.2ZA	è,,†ã¼±æ€šã^ã—
12.2ZB	è,,†ã¼±æ€šã^ã—
12.2ZC	è,,†ã¼±æ€šã^ã—
12.2ZD	è,,†ã¼±æ€šã^ã—
12.2ZE	è,,†ã¼±æ€šã^ã—
12.2ZH	è,,†ã¼±æ€šã^ã—
12.2ZJ	è,,†ã¼±æ€šã^ã—
12.2ZP	è,,†ã¼±æ€šã^ã—
12.2ZU	è,,†ã¼±æ€šã^ã—

12.2ZX	è,,†â¼±æ€§ãª—
12.2ZY	è,,†â¼±æ€§ãª—
12.2ZYA	è,,†â¼±æ€§ãª—
Affected 12.3-Based Releases	
Affected 12.4-Based Releases	
12.4	12.4(13d)ä»¥â%ãª®ãfªãfªãf¼ã,1ªª«ãª—è,,†â¼±æ€§ãª—ãª,ã,Šãª»
12.4GC	è,,†â¼±æ€§ãªªEã~ãœ`ãª—ãª¾ãª™ãª,ãª"ãª®ã,Çãf%ããfªã,ªã,¶ã,¶ã
12.4JA	12.4(23c)JA4 12.4(25e)JA
12.4JAX	è,,†â¼±æ€§ãª,ã,Šãª,æœªãªªãª®ãª:®æfãª—ãªfªãªf¼ã,12.4JA
12.4JDA	è,,†â¼±æ€§ãªªEã~ãœ`ãª—ãª¾ãª™ãª,ãª"ãª®ã,Çãf%ããfªã,ªã,¶ã,¶ã
12.4JDC	è,,†â¼±æ€§ãªªEã~ãœ`ãª—ãª¾ãª™ãª,ãª"ãª®ã,Çãf%ããfªã,ªã,¶ã,¶ã
12.4JDD	è,,†â¼±æ€§ãªªEã~ãœ`ãª—ãª¾ãª™ãª,ãª"ãª®ã,Çãf%ããfªã,ªã,¶ã,¶ã
12.4JDE	è,,†â¼±æ€§ãªªEã~ãœ`ãª—ãª¾ãª™ãª,ãª"ãª®ã,Çãf%ããfªã,ªã,¶ã,¶ã
12.4JHA	è,,†â¼±æ€§ãªªEã~ãœ`ãª—ãª¾ãª™ãª,ãª"ãª®ã,Çãf%ããfªã,ªã,¶ã,¶ã
12.4JHB	è,,†â¼±æ€§ãªªEã~ãœ`ãª—ãª¾ãª™ãª,ãª"ãª®ã,Çãf%ããfªã,ªã,¶ã,¶ã
12.4JHC	è,,†â¼±æ€§ãªªEã~ãœ`ãª—ãª¾ãª™ãª,ãª"ãª®ã,Çãf%ããfªã,ªã,¶ã,¶ã
12.4JK	è,,†â¼±æ€§ãªª—
12.4JL	è,,†â¼±æ€§ãªª—
12.4JX	è,,†â¼±æ€§ãª,ã,Šãª,æœªãªªãª®ãª:®æfãª—ãªfªãªf¼ã,12.4JA 12.4(3g)JX2ä»¥â%ãª®ãfªãfªãf¼ã,1ªª«ãª—è,,†â¼±æ€§ãª—ãª,ã,Šãª»
12.4JY	è,,†â¼±æ€§ãª,ã,Šãª,æœªãªªãª®ãª:®æfãª—ãªfªãªf¼ã,12.4JA
12.4JZ	è,,†â¼±æ€§ãª,ã,Šãª,æœªãªªãª®ãª:®æfãª—ãªfªãªf¼ã,12.4JA
12.4MD	12.4(22)MD3i¼^2012â'3æœ^30æ—ãªª«ãª...ãª%ãªªª—èf½i¼%ã
12.4MDA	12.4(24)MDA11
12.4MDB	12.4(24)MDB5a
12.4 MDC	è,,†â¼±æ€§ãªª—
12.4MR	12.4(16)MR1ä»¥â%ãª®ãfªãfªãf¼ã,1ªª«ãª—è,,†â¼±æ€§ãª—ãª,ã,Šãª»
12.4 MRA	è,,†â¼±æ€§ãªªEã~ãœ`ãª—ãª¾ãª™ãª,ãª"ãª®ã,Çãf%ããfªã,ªã,¶ã,¶ã
12.4 MRB	è,,†â¼±æ€§ãª,ã,Šãª,æœªãªªãª®ãª:®æfãª—ãªfªãªf¼ã,12.4T
12.4SW	è,,†â¼±æ€§ãªª—
12.4T	12.4(15)T16 12.4(24)T6

15.0SG	è,,†â¼±æ€§šãªã— Cisco IOS XEãf†ãfªã,ªã,¹¼šã€€Cisco IOS XEã,½ãf•ãf^ã,ã,šã,çãª@ã,Ç
15.0SY	è,,†â¼±æ€§šãªã—
15.0XA	è,,†â¼±æ€§šãªã,Šã€,æœ€ã^ªãª@ä;@æfãªªãfããfã¼ã,¹5.1T
15.0XO	Cisco IOS XEãf†ãfªã,ªã,¹¼šã€€Cisco IOS XEã,½ãf•ãf^ã,ã,šã,çãª@ã,Ç
ã½±éÿ;ã,'ãª—ãª'ã, < 15.1 ãf™ãf¼ã,¹ãª@ãfªãfãf¼ã,¹	
15.1EY	15.1(2)EY1a
15.1GC	15.1(2)GC2
15.1M	15.1(4)M2
15.1MR	15.1(1)MR3
15.1S	15.1(3)S2 Cisco IOS XEãf†ãfªã,ªã,¹¼šã€€Cisco IOS XEã,½ãf•ãf^ã,ã,šã,çãª@ã,Ç
15.1SG	è,,†â¼±æ€§šãªã— Cisco IOS XEãf†ãfªã,ªã,¹¼šã€€Cisco IOS XEã,½ãf•ãf^ã,ã,šã,çãª@ã,Ç
15.1SNG	è,,†â¼±æ€§šãªãªã~ãœ`ãª—ãª¼ãªª™ã€,ãª"ãª@ã,Çãf%ããfªã,ªã,¶ã,¶ã
15.1SNH	è,,†â¼±æ€§šãªã—
15.1T	15.1(1)T4 15.1(2)T5i¼^2012ã¹'4æœ^27æ—ÿãª«ã...ÿæ%ããªª—èf½i¼%ã 15.1(3)T3
15.1XB	è,,†â¼±æ€§šãªã,Šã€,æœ€ã^ªãª@ä;@æfãªªãfããfã¼ã,¹5.1T
ã½±éÿ;ã,'ãª—ãª'ã, < 15.2 ãf™ãf¼ã,¹ãª@ãfªãfãf¼ã,¹	
15.2 GC	15.2(1)GC1
15.2ç§'	è,,†â¼±æ€§šãªã— Cisco IOS XEãf†ãfªã,ªã,¹¼šã€€Cisco IOS XEã,½ãf•ãf^ã,ã,šã,çãª@ã,Ç
15.2T	15.2(1)T2 15.2(2)T 15.2(2)T1

* Cisco Catalyst

3550ã,ãfããf¼ã,ã,ã,ã,ããfãfªãªªã,ããf³ã,çãf¼ããfªãffãf^ã,ãf¼ã,`ã,ã,¹ãfªã,šãf³ã,(IKE)æ©ÿèf½ã,'ã,µã.

Bug ID

CSCts38429ãª«ã¼ãª—ãªª|è,,†â¼±ãªšãªª™ã€,ãªÿãªª—ãªªãªª"ãªª@èf½ãªª—ã,½ãf•ãf^ã
ãf-ã,ªãfª2ã,ªãf;ããf¼ã,ã,ã@ÿè;€ãª—ãªª|ãªª,ã, < Cisco

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。