

# Cisco

## IOS, 1/2af·af^ã, |ã, §ã, çH.323ã «ã Šã 'ã, <Denial of Service(DoS)ã ®è,, †ã¼±æ€§



ã, çãf%ãfã, ðã, ¶ã, ¶ãfããfã¼ID : cisco-sa-20090923-h323

[CVE-2009-2866](#)

ã^ã...-é-ã—¥ : 2009-09-23 16:00

ãfã¼ã, ãfããf³ 1.1 : Final

CVSSã, 1ã, 3ã, ç : [7.8](#)

ãžëç- : No Workarounds available

Cisco ãfã, ° ID : [CSCsz38104](#)

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æ!, è! ?

Cisco IOSã®ã, 1/2af·af^ã, |ã, §ã, çã®H.323ã®ÿè£...ã «ã -ã€Cisco

IOSã, 1/2af·af^ã, |ã, §ã, çã, 'ã®ÿè;Çã -ã |ã, ã, <ãfããfã, ðã, 1ã®ãfããfã¼ãf%ã, 'ã¼ã èµ·ã "ã

ã, .ã, 1ã, 3ã -ã "ã ®è,, †ã¼±æ€§ã «ã -ã¼ã |ã ã™ã, <ã, 1/2af·af^ã, |ã, §ã, çã, çãfããf -ãfããfã¼ãf^ã, 'ãfããfããfã

IOSã, 1/2af·af^ã, |ã, §ã, çã, 'ã®ÿè;Çã -ã |ã, ã, <ãfããfã, ðã, 1ã SVoIPã, µãfã¼ãf"ã, 1ç"ã «H.323ã, 'ã

ã "ã ®ã, çãf%ãfã, ðã, ¶ã, ¶ãfãã -ã€ <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20090923-h323> ã®ã...-é-ã ·ã, Çã |ã, ã¾ã ã™ã€,

æ³I¼š2009ã¹'9æè^23æ—¥ã®Cisco

IOSã, »ã, ãfããfããfã, £ã, çãf%ãfã, ðã, ¶ã, ¶ãfããfããfããf%ãã...-é-ã «ã -ã€11ã»¶ã®ã, »ã, ãfããfãã

ã»¶ã®ã, çãf%ãfã, ðã, ¶ã, ¶ãfãã - Cisco IOS

ã, 1/2af·af^ã, |ã, §ã, çã®è,, †ã¼±æ€§ã «ã -ã¼ã |ã ã™ã, <ã,,ã®ããã€ 1ã»¶ã - Cisco

Unified Communications Manager

ã®è,, †ã¼±æ€§ã «ã -ã¼ã |ã ã™ã, <ã,,ã®ããããã™ã€ã, ã, ã, çãf%ãfã, ðã, ¶ã, ¶ãfãã «ã -ã€ãããã

ã€ã€...ã®ã...-é-ãfããfãã, -ã -ã€æ-;ã®ãããããã, -ã®ã€ÇCisco Event Response:

Semiannual Cisco IOS Software Advisory Bundled Publicationã€ã «ã, ã, Šã¾ã ã™ã€,

[http://www.cisco.com/web/about/security/intelligence/Cisco\\_ERP\\_sep09.html](http://www.cisco.com/web/about/security/intelligence/Cisco_ERP_sep09.html)

è©²ã½“è£¹ã½“ ?

è,†â¼±æ€§ã®ã,ã,è£½â"◆

H.323ãf;ãffã,»ãf¼ã,ã,â¼ç◆tã™ã,ã,ã,tã«è"ã®šã•ã,CEã|ã,ã,ã,ã€è²ã½"ã™ã,ã,Cisco  
IOSã,½ãf•ãf^ã,|ã,šã,çãfãf¼ã,ãfšãf³ã,ã®ÿè;CEã—ã|ã,ã,ã,ã,ã,³ãfãfã,ã,ã,ã,ã,¹ã—ã€ã

Cisco

IOSã,½ãf•ãf^ã,|ã,šã,çãfãf¼ã,ãfšãf³ã,ã®ÿè;CEã—ã|ã,ã,ã,ã,ã,¹ã—ã€ã  
**process cpu | include 323ã,³ãfžãf³ãf%ã,ç™°è;CEã—ã¾ã™ã€,**

<#root>

Router#

show process cpu | include 323

249	16000	3	5333	0.00%	0.00%	0.00%	0	CCH323_CT
250	0	1	0	0.00%	0.00%	0.00%	0	CCH323_DNS

Router#

æ³i¼šã½±èÿã,ã—ã'ã,ã®ã—ã€H.323ãfã,ãfãf³ã,ãfãf¼ãfTCP  
1720ãã'ãšã™ã€,

ã,ã,ã,ã,è£½â"◆ã§¼ãfã—ã|ã,ã,ã,Cisco IOSã,½ãf•ãf^ã,|ã,šã,ç  
ãfãfãf¼ã,ã,çç°èã™ã,ã«ã—ã€ãfãfã,ã,ã,ã«ãfã,ã,ãfã—ã| show

**versionã,³ãfžãf³ãf%ã,ã½;ã£ã|ã€ã,ã,ã,ãftãf**  
**ãfãfšãf¼ã,è;ç°ã—ã¾ã™ã€,"Internetwork Operating System Software"ã€"Cisco**  
**IOS Software"ã,ã,ã,ã—ã"ã,CEã,%ã«éjžã¼¼ã™ã,ã,ã,ã,ãftãf**

ãfãfšãf¼ã«ã,^ã£ã|ãfãfã,ã,ã,ã Cisco IOS  
ã,½ãf•ãf^ã,|ã,šã,çãCEç¼ãfã—ã|ã,ã,ã,ã"ã"ã,çç°èããšãã¾ã™ã€,  
ããã®ã¾CEã,ã«ã,ãfãf¼ã,ãããCEæ-ã¼šã®é-ã«è;ç°ã•ã,CEã€ç¶šã,ã|

"Version"ã Cisco IOSã,½ãf•ãf^ã,|ã,ã,ã  
ãfãfãf¼ã,ã,ããCE;ç°ã•ã,CEã¾ã™ã€,ã»-ã®ã,ã,ã,ã,³  
ãfãfã,ã,ã,ãšã—ã€show version

ã,³ãfžãf³ãf%ãCEã~ãce"ã—ãªããã£ãÿã,šã€ã^ÿã®ãºãšã€CEè;ç°ã•ã,CEãÿã

ã»ã,ã®ã¾ã—ã€Cisco è£½â"◆ã«ã|ã€IOSãfãfãf¼ã,¹ 12.3(26)

ãCEç¼ã•ã—ãããã®ã,ãfãf¼ã,ãããCE C2500-IS-L  
ãšã,ã,ã"ã"ã,çç°ã—ã|ã,ã¾ã™ã.

<#root>

Router#

show version

Cisco Internetwork Operating System Software  
IOS (tm) 2500 Software (C2500-IS-L), Version 12.3(26), RELEASE SOFTWARE (fc2)  
Technical Support: http://www.cisco.com/techsupport  
Copyright (c) 1986-2008 by cisco Systems, Inc.  
Compiled Mon 17-Mar-08 14:39 by dchih

!--- output truncated

æ¬;ã®ä¼ã¬ã€ã,ãf³ã,¹ãf^ãf¼ãf«ã•ã,ŒãŸã,ãf;ãf¼ã,ãã®ãŒ C1841-  
ADVENTERPRISEK9-M ãšã€Cisco IOS ã,½ãf•ãf^ã,|ã,šã,çãfªãfªãf¼ã,¹ 12.4(20)T  
ã,ã®Ÿè;Œã—ã|ã„ã,ã,ã,¹ã,³è£½ã”ã,çªã—ã|ã„ã¼ã™ã€,

<#root>

Router#

show version

Cisco IOS Software, 1841 Software (C1841-ADVENTERPRISEK9-M), Version 12.4(20)T, RELEASE SOFTWARE (fc3)  
Technical Support: http://www.cisco.com/techsupport  
Copyright (c) 1986-2008 by Cisco Systems, Inc.  
Compiled Thu 10-Jul-08 20:25 by prod\_rel\_team

!--- output truncated

Cisco

IOSã,½ãf•ãf^ã,|ã,šã,çãfªãfªãf¼ã,¹ã®ã¹½ã®®è|®ã%ªã®®è:½ãš æf...ã ±ã¬ãæ¬;ã®ãfªãf³ª  
Paper: Cisco IOS Reference Guideã€ãšçç°èªãšã®ã¼ã™ã€,http://www.cisco.co  
m/warp/public/620/1.html

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Cisco IOS XE ãšã,ã³ Cisco IOS XR

ã,½ãf•ãf^ã,|ã,šã,çã¬ã”ã®è,,†ã¼±æ€šã®ã¹½±èŸ;ã,ã—ã’ã¼ã»ã,“ã€,ã»ã®ã,ã,ã,¹ã,³

è©³ç’°

H.323ã¬ã€ãfã,±ãffãf^ãf™ãf¼ã,¹(IP)ãfãffãf^ãf¼ã,¬ã,ã»ã—ãŸãfªã,çãf«ã,çã,ããfãfžãf«ãf

Cisco

IOSã,½ãf•ãf^ã,|ã,šã,çã®H.323ã®Ÿè£...ã«ã¬è,,†ã¼±æ€šãŒã~ãœ”ã—ã¼ã™ã€,æ”»æ’fè€..

IOS, 1/2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Cisco Bug ID [CSCsz38104](#)

Common Vulnerabilities and Exposures (CVE) ID [CVE-2009-2866](#)

3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

## Summary

Cisco

IOS, 1/2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

<http://www.cisco.com/go/srnd>

Unified Communications SRND Based on Cisco Unified Communications Manager 6.x [http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cucm/srnd/6x/security.html](http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/srnd/6x/security.html)

3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

```
!--- Permit access from any IP address in the 172.16.0.0/16
!--- network to anywhere on port 1720.
```

```
access-list 101 permit tcp 172.16.0.0 0.0.255.255 any eq 1720
```

```
!--- Permit access from anywhere to a host in the
!--- 172.16.0.0/26 network on port 1720.
```

```
access-list 101 permit tcp any 172.16.0.0 0.0.255.255 eq 1720
```

```
!--- Deny all traffic from port 1720.
```

```
access-list 101 deny tcp any eq 1720 any
```

```
!--- Deny all traffic to port 1720.
```

```
access-list 101 deny tcp any any eq 1720
```

!--- Permit all other traffic.

access-list 101 permit ip any any

voice service voip
h323
call service stop forced

voice service voip
h323
call service stop forced

Unified Communications Manager
IOS
https://sec.cloudapps.cisco.com/security/center/content/CiscoAppliedMitigationBulletin/cisco-amb-2009092
3-voice

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http://www.cisco.com/go/psirt
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Technical Assistance

Center
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Cisco IOS
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<p>ãf;ã,ãfãfãf¼ ãfãfãf¼ã,¹</p>	
<p><b>Affected 12.0-Based Releases</b></p>	<p><b>First Fixed Release</b> ¼ ä; @æfã •ã, Æã Æã</p>
<p>è©²å½“ã™ã,&lt;12.0ãf™ãf¼ã,¹ã®ãfããfãf¼ã,¹ã-ã,ã,Šã¾ã&gt;ã,“ã€,</p>	
<p><b>Affected 12.1-Based Releases</b></p>	<p><b>First Fixed Release</b> ¼ ä; @æfã •ã, Æã Æã</p>
<p>è©²å½“ã™ã,&lt;12.1ãf™ãf¼ã,¹ã®ãfããfãf¼ã,¹ã-ã,ã,Šã¾ã&gt;ã,“ã€,</p>	
<p><b>Affected 12.2-Based Releases</b></p>	<p><b>First Fixed Release</b> ¼ ä; @æfã •ã, Æã Æã</p>
<p>12.2</p>	<p>è,,†å¼±æ€§ãªã—</p>
<p>12.2B</p>	<p>è,,†å¼±æ€§ãªã,ã,Š(æœ€ã^ã®ä;®æfã 12.4) 12.2(4)B8ä»¥å%ã®ãfããfãf¼ã,¹ã«ã-è,,†å¼±æ€§ãªã-ã,ã,Šã¾ã&gt;ã,“ã€,</p>
<p>12.2BC</p>	<p>è,,†å¼±æ€§ãªãªã—</p>
<p>12.2BW</p>	<p>è,,†å¼±æ€§ãªãªã—</p>
<p>12.2BX</p>	<p>è,,†å¼±æ€§ãªã,ã,Š(æœ€ã^ã®ä;®æfã 12.4) 12.2(15)BXä»¥å%ã®ãfããfãf¼ã,¹ã«ã-è,,†å¼±æ€§ãªã-ã,ã,Šã¾ã&gt;ã,“ã€,</p>

12.2BY	è,,†â¼±æ€§ãªã—
12.2BZ	è,,†â¼±æ€§ãªã—
12.2CX	è,,†â¼±æ€§ãªã—
12.2CY	è,,†â¼±æ€§ãªã—
12.2CZ	è,,†â¼±æ€§ãª,Šã€12.2SBãª«çš»èjE
12.2DA	è,,†â¼±æ€§ãªã—
12.2DD	è,,†â¼±æ€§ãªã—
12.2DX	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,,†å¼±æ€§ãªã—
12.2IRA	è,,†å¼±æ€§ãªã—
12.2IRB	è,,†å¼±æ€§ãªã—
12.2IRC	è,,†å¼±æ€§ãªã—
12.2IXA	è,,†å¼±æ€§ãªã—
12.2IXB	è,,†å¼±æ€§ãªã—
12.2IXC	è,,†å¼±æ€§ãªã—
12.2IXD	è,,†å¼±æ€§ãªã—
12.2IXE	è,,†å¼±æ€§ãªã—
12.2IXF	è,,†å¼±æ€§ãªã—
12.2IXG	è,,†å¼±æ€§ãªã—
12.2IXH	è,,†å¼±æ€§ãªã—
12.2JA	è,,†å¼±æ€§ãªã—
12.2JK	è,,†å¼±æ€§ãªã—
12.2MB	è,,†å¼±æ€§ãªã—



12.2MC	12.2(15)MC1ä»¥ã%◊ã◊®ãfãfãfãf1/4ã,1ã◊«ã◊-è,,†ã1/4±æ€Sã◊-ã◊,ã,Šã◊¾ã◊>ã,"ã€,ãfãfãfãf1/4ã,12.2(15)MC2bä»¥é™◊ã◊«ã◊-è,,†ã1/4±æ€Sã◊-ã◊,ã,Šã◊¾ã◊>ã,"ã€,æœ€ã^
12.2S	è,,†ã1/4±æ€Sã◊ã◊—
12.2SB	è,,†ã1/4±æ€Sã◊ã◊—
12.2SBC	è,,†ã1/4±æ€Sã◊ã◊—
12.2SCA	è,,†ã1/4±æ€Sã◊ã◊—
12.2SCB	è,,†ã1/4±æ€Sã◊ã◊—
12.2SE	è,,†ã1/4±æ€Sã◊ã◊—
12.2SEA	è,,†ã1/4±æ€Sã◊ã◊—
12.2SEB	è,,†ã1/4±æ€Sã◊ã◊—
12.2SEC	è,,†ã1/4±æ€Sã◊ã◊—
12.2SED	è,,†ã1/4±æ€Sã◊ã◊—
12.2SEE	è,,†ã1/4±æ€Sã◊ã◊—
12.2SEF	è,,†ã1/4±æ€Sã◊ã◊—
12.2SEG	è,,†ã1/4±æ€Sã◊ã◊—

12.2SG	è,,†å¼±æ€§ãªãª—
12.2SGA	è,,†å¼±æ€§ãªãª—
12.2SL	è,,†å¼±æ€§ãªãª—
12.2SM	è,,†å¼±æ€§ãªãª—
12.2SO	è,,†å¼±æ€§ãªãª—
12.2SQ	è,,†å¼±æ€§ãªãª—
12.2SRA	è,,†å¼±æ€§ãªãª—
12.2SRB	è,,†å¼±æ€§ãªãª—
12.2SRC	è,,†å¼±æ€§ãªãª—
12.2SRD	è,,†å¼±æ€§ãªãª—
12.2STE	è,,†å¼±æ€§ãªãª—
12.2SU	è,,†å¼±æ€§ãªãª—
12.2SV	è,,†å¼±æ€§ãªãª—
12.2SVA	è,,†å¼±æ€§ãªãª—
12.2SVC	è,,†å¼±æ€§ãªãª—

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—
12.2SY	è,,†â¼±æ€§ãªã—
12.2SZ	è,,†â¼±æ€§ãªã—
12.2T	è,,†â¼±æ€§ãªã,Š(æœ€â^ªãª®ä¿®æĤª— <a href="#">12.4</a> ) 12.2(8)T10ä»¥â%ªãª®ãªªªªª¼ã,1ãª«ãª—è,,†â¼±æ€§ãªã—ªãª,Šãª¾ãªª»ã,ª€,

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—
12.2XNA	è,,†â¼±æ€§ãªã—

12.2XNB	è,,†å¼±æ€§ãªã—
12.2XNC	è,,†å¼±æ€§ãªã—
12.2XND	è,,†å¼±æ€§ãªã—
12.2XO	è,,†å¼±æ€§ãªã—
12.2XQ	è,,†å¼±æ€§ãªã—
12.2XR	è,,†å¼±æ€§ãªã—
12.2XS	è,,†å¼±æ€§ãªã—
12.2XT	è,,†å¼±æ€§ãªã—
12.2XU	è,,†å¼±æ€§ãªã—
12.2XV	è,,†å¼±æ€§ãªã—
12.2XW	è,,†å¼±æ€§ãªã—
12.2YA	è,,†å¼±æ€§ãªã—
12.2YB	è,,†å¼±æ€§ãªã—
12.2YC	è,,†å¼±æ€§ãªã—
12.2YD	è,,†å¼±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€§ãª,Šã€ª,ãª"ãª®ãª,ćãf%õãfªª,ªã,¶ãfªãª®ãª€Eä;@æfæ,^ãª;ã,½ãf•ãf^ã, ãª ãª€ãª,»ãª,ãª,ãfšãf³ãª®æ%õ<é†ãª«ã³¼"ãªEãª ãª€ãª,µãfªãf¼ãf^çµ,,ç¹"ãª«ãªŠãª•ª
12.2YJ	è,,†â¼±æ€§ãª,Šã€ª,ãª"ãª®ãª,ćãf%õãfªª,ªã,¶ãfªãª®ãª€Eä;@æfæ,^ãª;ã,½ãf•ãf^ã, ãª ãª€ãª,»ãª,ãª,ãfšãf³ãª®æ%õ<é†ãª«ã³¼"ãªEãª ãª€ãª,µãfªãf¼ãf^çµ,,ç¹"ãª«ãªŠãª•ª
12.2YK	è,,†â¼±æ€§ãªªã—
12.2YL	è,,†â¼±æ€§ãª,Šã€ª,ãª"ãª®ãª,ćãf%õãfªª,ªã,¶ãfªãª®ãª€Eä;@æfæ,^ãª;ã,½ãf•ãf^ã, ãª ãª€ãª,»ãª,ãª,ãfšãf³ãª®æ%õ<é†ãª«ã³¼"ãªEãª ãª€ãª,µãfªãf¼ãf^çµ,,ç¹"ãª«ãªŠãª•ª
12.2YM	è,,†â¼±æ€§ãª,ã,Š(æœ€ã^ªª®ãª;®æfãª 12.4)
12.2YN	è,,†â¼±æ€§ãª,Šã€ª,ãª"ãª®ãª,ćãf%õãfªª,ªã,¶ãfªãª®ãª€Eä;@æfæ,^ãª;ã,½ãf•ãf^ã, ãª ãª€ãª,»ãª,ãª,ãfšãf³ãª®æ%õ<é†ãª«ã³¼"ãªEãª ãª€ãª,µãfªãf¼ãf^çµ,,ç¹"ãª«ãªŠãª•ª
12.2YO	è,,†â¼±æ€§ãªªã—
12.2YP	è,,†â¼±æ€§ãªªã—
12.2YQ	è,,†â¼±æ€§ãªªã—
12.2YR	è,,†â¼±æ€§ãªªã—

12.2YS	è,,†â¼±æ€§ãªã—
12.2YT	è,,†â¼±æ€§ãª,Šã€ª,ãª"ãª@ãª,ćãf%õãfãª,ãª,¶ãª,¶ãªªãª"ãª@ãª€Ā;@æfæ,^ãª;ãª,½ãf•ãf^ãª, ãª ãª€ãª,»ãª,¯ãª,·ãfšãf³ãª@æ%õ<é tãª«ã³¼"ãª£ãª ãª€ãª,µãfãªãf¼ãf^çµ,,ç¹"ãª«ãªŠãª•ãª
12.2YU	è,,†â¼±æ€§ãªª,Šã€ª,ãª"ãª@ãª,ćãf%õãfãª,ãª,¶ãª,¶ãªªãª"ãª@ãª€Ā;@æfæ,^ãª;ãª,½ãf•ãf^ãª, ãª ãª€ãª,»ãª,¯ãª,·ãfšãf³ãª@æ%õ<é tãª«ã³¼"ãª£ãª ãª€ãª,µãfãªãf¼ãf^çµ,,ç¹"ãª«ãªŠãª•ãª
12.2YV	12.2(11)YV1ã,^ã,Šã%õªãª@ãfªãfªãf¼ã,¹ãª«ãª¯è,,†â¼±æ€§ãªĀãª,ã,Šã€ª12.2(11)Y
12.2YW	è,,†â¼±æ€§ãªªãª—
12.2YX	è,,†â¼±æ€§ãªªãª—
12.2YY	è,,†â¼±æ€§ãªªãª—
12.2YZ	è,,†â¼±æ€§ãªªãª—
12.2ZA	è,,†â¼±æ€§ãªªãª—
12.2ZB	è,,†â¼±æ€§ãªªãª—
12.2ZC	è,,†â¼±æ€§ãªª,Šã€ª,ãª"ãª@ãª,ćãf%õãfãª,ãª,¶ãª,¶ãªªãª"ãª@ãª€Ā;@æfæ,^ãª;ãª,½ãf•ãf^ãª, ãª ãª€ãª,»ãª,¯ãª,·ãfšãf³ãª@æ%õ<é tãª«ã³¼"ãª£ãª ãª€ãª,µãfãªãf¼ãf^çµ,,ç¹"ãª«ãªŠãª•ãª
12.2ZD	è,,†â¼±æ€§ãªª,Šã€ª,ãª"ãª@ãª,ćãf%õãfãª,ãª,¶ãª,¶ãªªãª"ãª@ãª€Ā;@æfæ,^ãª;ãª,½ãf•ãf^ãª, ãª ãª€ãª,»ãª,¯ãª,·ãfšãf³ãª@æ%õ<é tãª«ã³¼"ãª£ãª ãª€ãª,µãfãªãf¼ãf^çµ,,ç¹"ãª«ãªŠãª•ãª
12.2ZE	è,,†â¼±æ€§ãªª,Š(æœĀª^ªãª@ãª;@æfãªª12.4)

12.2ZF	è,,†â¼±æ€§šã,ã,Š(æœ€â^ã®ä¿®æfã 12.4)
12.2ZG	è,,†â¼±æ€§šãªã—
12.2ZH	è,,†â¼±æ€§šã,ã,Š(æœ€â^ã®ä¿®æfã 12.4)
12.2ZJ	è,,†â¼±æ€§šã,ã,Šã€ã"ã®ã,Çãf%ãã,ãã,¶ãfãã®ã€ä¿®æfã,ã,½ãfãfã,ãã€ã,»ã,ã,ãfãfãã®æ%œé†ã«ã¾"ã£ã ã€ã,µãfãf¼ãf^çµ,,ç"ã«ãŠã•
12.2ZL	è,,†â¼±æ€§šã,ã,Šã€ã"ã®ã,Çãf%ãã,ãã,¶ãfãã®ã€ä¿®æfã,ã,½ãfãfã,ãã€ã,»ã,ã,ãfãfãã®æ%œé†ã«ã¾"ã£ã ã€ã,µãfãf¼ãf^çµ,,ç"ã«ãŠã•
12.2ZP	è,,†â¼±æ€§šã,ã,Šã€ã"ã®ã,Çãf%ãã,ãã,¶ãfãã®ã€ä¿®æfã,ã,½ãfãfã,ãã€ã,»ã,ã,ãfãfãã®æ%œé†ã«ã¾"ã£ã ã€ã,µãfãf¼ãf^çµ,,ç"ã«ãŠã•
12.2ZU	è,,†â¼±æ€§šãªã—
12.2ZX	è,,†â¼±æ€§šãªã—
12.2ZY	è,,†â¼±æ€§šãªã—
12.2ZYA	è,,†â¼±æ€§šãªã—
<b>Affected 12.3-Based Releases</b>	<b>First Fixed Release</b> i¼ã¿®æfãã,ã,£ããŸã
12.3	è,,†â¼±æ€§šã,ã,Š(æœ€â^ã®ä¿®æfã 12.4)



12.3B	è,,†â¼±æ€§ã,ã,Š(æœ€â^ã®ä¿®æfã 12.4)
12.3BC	è,,†â¼±æ€§ãã—
12.3BW	è,,†â¼±æ€§ãã—
12.3EU	è,,†â¼±æ€§ãã—
12.3JA	è,,†â¼±æ€§ãã—
12.3JEA	è,,†â¼±æ€§ãã—
12.3JEB	è,,†â¼±æ€§ãã—
12.3JEC	è,,†â¼±æ€§ãã—
12.3JK	12.3(2)JK3ã¾ãšã®ãfãfãf¼ã,¹ã«ã-è,,†â¼±æ€§ãã-ã,ã,Šã¾ã»ã,"ã€,ãfãfãf¼ã,¹12.3(8)JK1ã»¥é™ã«ã-è,,†â¼±æ€§ãã-ã,ã,Šã¾ã»ã,"ã€,æœ€â^ã
12.3JL	è,,†â¼±æ€§ãã—
12.3JX	è,,†â¼±æ€§ãã—
12.3T	è,,†â¼±æ€§ã,ã,Š(æœ€â^ã®ä¿®æfã 12.4)

12.3TPC	12.3(4)TPC11a ā ¾ā Šā ®āfāāfāāf¼ā, 1ā «ā è,, †ā¼±æ€Šā ā, ā, Šā ¾ā ā, ā€
12.3VA	è,, †ā¼±æ€Šā, ā, Š(æœ€ā^ ā ®äŸ®æŁā <a href="#">12.4T</a> )
12.3XA	12.3(2)XA7ā, ^ā, Šā% ā ®āfāāfāāf¼ā, 1ā «ā è,, †ā¼±æ€Šā Ąā, ā, Šā€ 12.3(2)XA7 ā Šæœ€ā^ ā «äŸ®æŁā •ā, Ąā   ā,, ā ¾ā™ā€,
12.3XB	è,, †ā¼±æ€Šā, ā, Šā€ā, ā "ā ®ā, Ąāf%āf ā, mā, ¶āfā ®ā€Ąä: @æŁæ, ^ā Ÿā, ½āf•āf^ā,   ā ā€ā, »ā, ā, āfšāfā ®æ%œ é †ā «ā¾"ā Łā   ā€ā, µāf āf¼āf^Ąµ,, Ą"ā «ā Šā•
12.3XC	è,, †ā¼±æ€Šā, ā, Š(æœ€ā^ ā ®äŸ®æŁā <a href="#">12.4</a> )
12.3XD	è,, †ā¼±æ€Šā, ā, Š(æœ€ā^ ā ®äŸ®æŁā <a href="#">12.4</a> )
12.3XE	è,, †ā¼±æ€Šā, ā, Š(æœ€ā^ ā ®äŸ®æŁā <a href="#">12.4</a> )
12.3XF	è,, †ā¼±æ€Šā, ā, Šā€ā, ā "ā ®ā, Ąāf%āf ā, mā, ¶āfā ®ā€Ąä: @æŁæ, ^ā Ÿā, ½āf•āf^ā,   ā ā€ā, »ā, ā, āfšāfā ®æ%œ é †ā «ā¾"ā Łā   ā€ā, µāf āf¼āf^Ąµ,, Ą"ā «ā Šā•
12.3XG	è,, †ā¼±æ€Šā, ā, Š(æœ€ā^ ā ®äŸ®æŁā <a href="#">12.4</a> )
12.3XI	æ³"¼š12.3(7)XI11ā, ^ā, Šā%

	«â»®ãfãfãf¼ã,1ã«â» <sup>-</sup> è,,†ã¼±æ€šã€œã,ã,Šã€12.3(7)XI11ã»¥é™ã»®ãfãfãf¼ã»è;€
12.3XJ	è,,†ã¼±æ€šã€œã,ã,Šã€,12.4XNã»®ã»»æ,,ã»®ãfãfãf¼ã,1ã«çš»è;€
12.3XK	è,,†ã¼±æ€šã€œã,ã,Š(æœ€ã^ã»®ä¿®æfã_12.4)
12.3XL	è,,†ã¼±æ€šã€œã,ã,Š(æœ€ã^ã»®ä¿®æfã_12.4)
12.3XQ	è,,†ã¼±æ€šã€œã,ã,Š(æœ€ã^ã»®ä¿®æfã_12.4)
12.3XR	è,,†ã¼±æ€šã€œã,ã,Š(æœ€ã^ã»®ä¿®æfã_12.4)
12.3XS	è,,†ã¼±æ€šã€œã^ã—
12.3XU	è,,†ã¼±æ€šã€œã,ã,Š(æœ€ã^ã»®ä¿®æfã_12.4T) 12.3(8)XU1ã»¥ã%ã»®ãfãfãf¼ã,1ã«â» <sup>-</sup> è,,†ã¼±æ€šã€œã^ã,ã,Šã¼ã»ã,"ã€,
12.3XW	è,,†ã¼±æ€šã€œã,ã,Šã€,12.4XRã»®ã»»æ,,ã»®ãfãfãf¼ã,1ã«çš»è;€
12.3XX	è,,†ã¼±æ€šã€œã,ã,Š(æœ€ã^ã»®ä¿®æfã_12.4)

12.3XY	è,,†â¼±æ€§ã,ã,Š(æœƒâ^ã«äž®æĤã 12.4)
12.3XZ	è,,†â¼±æ€§ã,ã,Š(æœƒâ^ã«äž®æĤã 12.4)
12.3YA	è,,†â¼±æ€§ãªã—
12.3YD	è,,†â¼±æ€§ãªã—
12.3YF	è,,†â¼±æ€§ã,ã,Šã€12.4XRã«ä»æ,,ã«äƒªƒªƒª¼ã,¹ã«çš»è¡Œ
12.3YG	è,,†â¼±æ€§ã,ã,Š(æœƒâ^ã«äž®æĤã 12.4T)
12.3YH	è,,†â¼±æ€§ãªã—
12.3YI	è,,†â¼±æ€§ãªã—
12.3YJ	è,,†â¼±æ€§ãªã—
12.3YK	12.3(11)YK3ã,^ã,Šã%ã«äž®æĤªƒªƒªƒª¼ã,¹ã«ãè,,†â¼±æ€§ãŒã,ã,Šã€12.3(11)Y TãŠæœƒâ^ã«äž®æĤã•ã,Œã ã,,ã¾ã™

12.3YM	è,,†å¼±æ€§ã,ã,Š(æœƒå^ã®ä¿®æƒã 12.4T)
12.3YQ	è,,†å¼±æ€§ã,ã,Š(æœƒå^ã®ä¿®æƒã 12.4T)
12.3YS	è,,†å¼±æ€§ã,ã,Š(æœƒå^ã®ä¿®æƒã 12.4T) 12.3(11)YS1ä»¥å%ã®ăf^ăf^ăf¼ă,1ă«ă^-è,,†å¼±æ€§ã-ă,ã,Šă¼ă»ă,"ă€
12.3YT	è,,†å¼±æ€§ã,ã,Š(æœƒå^ã®ä¿®æƒã 12.4T)
12.3YU	è,,†å¼±æ€§ã,ã,Š(æœƒå^ã®ä¿®æƒã 12.4T)
12.3YX	è,,†å¼±æ€§ã,ã,Šă€ 12.4XRă«çš»è;€

12.3YZ	<p>è,,†â¼±æ€§ã,ã,Šã€ã"ã@ã,ćăf%oăfã,ã,¶ã,¶ăfã@ã€Ā;@ăfă,^ă;ă.½ăf•ăf^ă, ă  ã€ã,»ã,̄ã,ăfšăf³ă@æ%o&lt;é tã«â¾"ăĒă ă€ã,μăfăf¼ăf^çμ,,ç¹"ă«ãŠă•</p>
12.3ZA	<p>è,,†â¼±æ€§ã,ã,Š(æœĒă^ã@ă;@ăfă- <a href="#">12.4T</a>)</p>
<b>Affected 12.4-Based Releases</b>	<b>First Fixed Release</b> <sup>1/4</sup> ă;@ăfă•ă,ĀăYă
12.4	<p>12.4(25b)  12.4(23b)</p>
12.4GC	è,,†â¼±æ€§ã <sup>a</sup> ã—
12.4JA	è,,†â¼±æ€§ã <sup>a</sup> ã—
12.4JDA	è,,†â¼±æ€§ã <sup>a</sup> ã—
12.4JDC	è,,†â¼±æ€§ã <sup>a</sup> ã—
12.4JDD	è,,†â¼±æ€§ã <sup>a</sup> ã—
12.4JK	è,,†â¼±æ€§ã <sup>a</sup> ã—
12.4JL	è,,†â¼±æ€§ã

	ã—
12.4JMA	è,,†å¼±æ€§ãã—
12.4JMB	è,,†å¼±æ€§ãã—
12.4JX	è,,†å¼±æ€§ãã—
12.4MD	è,,†å¼±æ€§ãã—
12.4MDA	è,,†å¼±æ€§ãã—
12.4MR	12.4(19)MR3ã, ^ã, Šã%ãã®ãfãfãf¼ã,1ã«ãè,,†å¼±æ€§ããĚã,ã,Šã€12.4(19)M
12.4SW	è,,†å¼±æ€§ãã—
12.4T	12.4(15)T10 12.4(20)T4 12.4(22)T2 12.4(24)T1
12.4XA	è,,†å¼±æ€§ãã,ã,Š(æœ€ã^ãã®ä¿®æĚã <a href="#">12.4T</a> )
12.4XB	è,,†å¼±æ€§ãã,ã,Š(æœ€ã^ãã®ä¿®æĚã <a href="#">12.4T</a> )

12.4XC	è,,†â¼±æ€§ã,ã,Š(æœƒâ^ã®ä¿®æƒã <a href="#">12.4T</a> )
12.4XD	è,,†â¼±æ€§ã,ã,Š(æœƒâ^ã®ä¿®æƒã <a href="#">12.4T</a> )
12.4XE	è,,†â¼±æ€§ã,ã,Š(æœƒâ^ã®ä¿®æƒã <a href="#">12.4T</a> )
12.4XF	è,,†â¼±æ€§ã <sup>a</sup> ã—
12.4XG	è,,†â¼±æ€§ã <sup>a</sup> ã—
12.4XJ	è,,†â¼±æ€§ã,ã,Š(æœƒâ^ã®ä¿®æƒã <a href="#">12.4T</a> )





12.4XY	è,,†â¼±æ€§ã,ã,Š(æœ€â^ã®ä¿®æ£ã 12.4T)
12.4XZ	è,,†â¼±æ€§ã,ã,Š(æœ€â^ã®ä¿®æ£ã 12.4T)
12.4YA	è,,†â¼±æ€§ã,ã,Š(æœ€â^ã®ä¿®æ£ã 12.4T)
12.4YB	12.4(22)YB4
12.4YD	è,,†â¼±æ€§ãªã—
12.4YE	è,,†â¼±æ€§ãªã—

æ³ˆ¼šCisco IOS-XEã,½ãf•ãf^ã,ã,§ã,çãŠã,^ã³Cisco IOS Software

Modularityãfªãfªãf¼ã,¹ã-ã€ãã"ã®è,,†â¼±æ€§ã®ã½±éÿã,â—ã'ã¾ãã,ã"ã€,

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Cisco PSIRT

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### URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20090923-h323>

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## 翻訳について

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