

ã,ãf³ãf•ãf©ã,¹ãf^ãf©ã,¬ãf◆ãf£

ã,µãf¼ãf"ã,¹æ'ã◆|ã◆®è,,†ã¼±æ€\$ã,'è»çé€◆ã

# Cisco IOS MPLS



ã,çãf%ãf◆ã,ãã,¶ã,¶ãf³ãf¼ID : cisco-sa-20080924-mfi

[CVE-2008-3804](#)

ã^◆ã...-é-æ—¥ : 2008-09-24 16:00

ãf◆ãf¼ã,ãf\$ãf³ 1.1 : Final

CVSSã,¹ã,³ã,ç : [7.8](#)

ã»žé◆ç- : No Workarounds available

Cisco ãf◆ã,° ID : [CSCsk93241](#)

æ—¥æè-èªžã◆«ã,^ã,æf...ã ±ã◆¬ã€◆è<±èªžã◆«ã,^ã,æžÿæ-†ã◆®é◆žã...-ã¼◆ã

æ!,è!◆

ã,ãf³ãf•ãf©ã,¹ãf^ãf©ã,¬ãf◆ãf£i¼^MFIi¼%ã,è»çé€◆ã◆™ã, Cisco IOSã,½ãf•ãf^ã,|ã,šã,ç Multi Protocol Label Switching i¼^MPLSi¼%ã◆¬ç%ã¹ã^¥ã◆«

ã·šã|™ã◆«ç'ã·¥ã◆•ã,CEã◆ÿãfã,±ãffãf^ã◆ã,ã,ã,µãf¼ãf"ã,¹æ'çµ¶ i¼^DoSi¼%ã æ"»æ'fã◆«è,,†ã¼±ã◆šã◆™ã€, MFI

ã◆ã◆ã◆ã◆ã◆®è,,†ã¼±æ€\$ã◆ã,ã,ã¼±±éÿã,ã◆—ã◆ã'ã◆¾ã◆™ã€, MFI

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ã◆"ã◆®ã,çãf%ãf◆ã,ãã,¶ãf³ãf¼

<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20080924-mfi>

ã◆šæž²çªã◆ã,CEã◆¾ã◆™ã€,

æ³: 2008 á¹ 9æœ^ 24 æ—¥ IOS

ã,çãf%ãf◆ã,ãã,¶ãf³ã◆«ã,^ã◆£ã◆|çµ,,ã◆çè¾¼ã◆¾ã,CEã,æ>ã◆¬ 12 ã◆®ã,»ã,ãf¥ãf³ãf†ã,£

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ã◆¬ Cisco ã◆® IOS software ã◆®è,,†ã¼±æ€\$ã◆«ã¬¾ã†|ã◆—ã€◆1

ã◆ªã◆®ã,çãf%ããf◆ã,ãã,¶ãf³ã◆¬ Cisco Unified Communications Manager

ã◆®è,,†ã¼±æ€\$ã◆«ã¬¾ã†|ã◆—ã◆¾ã◆™ã€,



<#root>

Router#

show mpls interface

Interface	IP	Tunnel	BGP	Static	Operational
Ethernet0/0	Yes (ldp)	No	No	No	Yes

Router#

Router# show version

Cisco IOS Software (C7200-ADVSECURITYK9-M), Version 12.4(11)T2, RELEASE SOFTWARE (fc4)  
Technical Support: <http://www.cisco.com/techsupport>  
Copyright (c) 1986-2007 by Cisco Systems, Inc.  
Compiled Tue 01-May-07 04:19 by prod\_rel\_team

Router# show version

Cisco IOS Software (C7200-ADVSECURITYK9-M), Version 12.4(11)T2, RELEASE SOFTWARE (fc4)  
Technical Support: <http://www.cisco.com/techsupport>  
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Compiled Tue 01-May-07 04:19 by prod\_rel\_team

<#root>

Router#

show version

Cisco IOS Software (C7200-ADVSECURITYK9-M), Version 12.4(11)T2, RELEASE SOFTWARE (fc4)  
Technical Support: <http://www.cisco.com/techsupport>  
Copyright (c) 1986-2007 by Cisco Systems, Inc.  
Compiled Tue 01-May-07 04:19 by prod\_rel\_team

<output truncated>

Cisco

IOS Software (C7200-ADVSECURITYK9-M), Version 12.4(11)T2, RELEASE SOFTWARE (fc4)  
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Router# show version

Cisco IOS Software (C7200-ADVSECURITYK9-M), Version 12.4(11)T2, RELEASE SOFTWARE (fc4)  
Technical Support: <http://www.cisco.com/techsupport>  
Copyright (c) 1986-2007 by Cisco Systems, Inc.  
Compiled Tue 01-May-07 04:19 by prod\_rel\_team

MPLS

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Cisco IOS XR

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Cisco

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ā•Sā|™ā◊«ç’°ā•Ÿā◊•ā,Āā◊Ÿāfā,±āffāf^ā◊ā,%ā◊@ DoSæ”»æ’fā◊«è,,tā¼±ā◊Sā◊™ā€,

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MPLS āf◊āffāf^āf^āf¼ā,,ā◊@āfāfĉāf¼āf^

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MFI ā, ’ā,¶f◊āf¼āf^ā◊™ā,āf†āf◊ā,āā,1ā◊« show subsys ā,³āfžāf³āf%ā◊@ā†°āšā◊@ mfi\_ios

ā◊Āā◊,ā,Šā◊¾ā◊™ā€, MPLS ā◊@ā◊Ÿā,◊ā◊«æœ%āš¹ā◊« ā◊<sup>a</sup>ā,Ā

ā,āāf³ā,çāf¼āf•ā,Sā,āā,1ā◊æ◊◊ç° MPLS interface

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MFI

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[http://www.cisco.com/en/US/docs/ios/mpls/configuration/guide/mp\\_lsc\\_removed.html](http://www.cisco.com/en/US/docs/ios/mpls/configuration/guide/mp_lsc_removed.html)

ā◊”ā◊@è,,tā¼±ā€š Cisco āf◊ā,° ID [CSCsk93241](#)

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<p><b>Affected 12.0-Based Releases</b></p>	<p><b>First Fixed Release</b> 1/4^ä;®æfã•ã,ŒãÿæœÉâ^ã®ãfãfãfãfã,1i¼%o</p>	<p>æŽ·ã¥</p>
<p>è©2â1/2“ã™ã, &lt; 12.0 ãf™ãf¼ã,1ã®ãfããfããf¼ã,1ãã,ã,Šã¾ãã,“ã€,</p>		
<p><b>Affected 12.1-Based Releases</b></p>	<p><b>First Fixed Release</b> 1/4^ä;®æfã•ã,ŒãÿæœÉâ^ã®ãfãfãfãfã,1i¼%o</p>	<p>æŽ·ã¥</p>
<p>è©2â1/2“ã™ã, &lt; 12.1 ãf™ãf¼ã,1ã®ãfããfããf¼ã,1ãã,ã,Šã¾ãã,“ã€,</p>		
<p><b>Affected 12.2-Based Releases</b></p>	<p><b>First Fixed Release</b> 1/4^ä;®æfã•ã,ŒãÿæœÉâ^ã®ãfãfãfãfã,1i¼%o</p>	<p>æŽ·ã¥</p>
<p>12.2</p>	<p>è,,†â¼±æ€§ãã—</p>	
<p>12.2B</p>	<p>è,,†â¼±æ€§ãã—</p>	
<p>12.2BC</p>	<p>è,,†â¼±æ€§ãã—</p>	
<p>12.2BW</p>	<p>è,,†â¼±æ€§ãã—</p>	
<p>12.2BX</p>	<p>è,,†â¼±æ€§ãã—</p>	
<p>12.2BY</p>	<p>è,,†â¼±æ€§ãã—</p>	
<p>12.2BZ</p>	<p>è,,†â¼±æ€§ãã—</p>	
<p>12.2CX</p>	<p>è,,†â¼±æ€§ãã—</p>	

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—	
12.2EW	è,,†â¼±æ€§ãªã—	
12.2EWA	è,,†â¼±æ€§ãªã—	
12.2EX	è,,†â¼±æ€§ãªã—	
12.2EY	12.2(44)EY; 16-DEC-08 ãª§ãª^©ç''ãª—èf½	
12.2EZ	è,,†â¼±æ€§ãªã—	
12.2FX	è,,†â¼±æ€§ãªã—	
12.2FY	è,,†â¼±æ€§ãªã—	
12.2FZ	è,,†â¼±æ€§ãªã—	
12.2IRB	è,,†â¼±æ€§ãªã—	
12.2IXA	è,,†â¼±æ€§ãªã—	

12.2IXB	è,,†å¼±æ€šã <sup>aã</sup> —	
12.2IXC	è,,†å¼±æ€šã <sup>aã</sup> —	
12.2IXD	è,,†å¼±æ€šã <sup>aã</sup> —	
12.2IXE	è,,†å¼±æ€šã <sup>aã</sup> —	
12.2IXF	è,,†å¼±æ€šã <sup>aã</sup> —	
12.2IXG	è,,†å¼±æ€šã <sup>aã</sup> —	
12.2JA	è,,†å¼±æ€šã <sup>aã</sup> —	
12.2JK	è,,†å¼±æ€šã <sup>aã</sup> —	
12.2MB	è,,†å¼±æ€šã <sup>aã</sup> —	
12.2MC	è,,†å¼±æ€šã <sup>aã</sup> —	
12.2S	12.2(22)S ä»¥å%ã@ãf <sup>aãf<sup>¼ã,¹ã</sup></sup> è,,†å¼±ãšã <sup>-ã<sup>aã</sup>,ãšã<sup>™ã€</sup></sup> , 12.2(30)S å%ã@ãf <sup>aãf<sup>¼ã,¹ã</sup></sup> 12.2(22)S ãšã,^ã <sup>3ã</sup> ã,Æä»¥é <sup>™ã</sup> è,,†å¼±ãšã,ã,šã€ ãf <sup>aãf<sup>¼ã,¹ã</sup></sup> 12.2(30)S ãšã,^ã <sup>3ã</sup> ã,Æä»¥é <sup>™ã</sup> è,,†å¼±ãšã <sup>-ã<sup>aã</sup>,ãšã<sup>™ã</sup></sup>	12.2(33) SEP-08 ãšã <sup>^</sup>
12.2SB	12.2(31)SB12 12.2(33)SB	12.2(33) SEP-08 ãšã <sup>^</sup>





12.2SM	è,,†â¼±æ€§ãªã—	
12.2SO	è,,†â¼±æ€§ãªã—	
12.2SRA	Vulnerable; <a href="#">first fixed in 12.2SRB</a>	12.2(33) 12.2(33)
12.2SRB	12.2(33)SRB4	12.2(33)
12.2SRC	12.2(33)SRC1	12.2(33)
12.2SU	è,,†â¼±æ€§ãªã—	
12.2SV	Vulnerable; contact TAC	
12.2SVA	Vulnerable; contact TAC	
12.2SVC	Vulnerable; contact TAC	
12.2SVD	Vulnerable; contact TAC	
12.2SW	æ³ˆ¼š Release prior to 12.2(25)SW4 are vulnerable¼CE releases 12.2(25)SW4 and later are not vulnerable;	12.2(25)
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	12.2(33)SXH3	12.2(33)
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	Vulnerable; <a href="#">first fixed in 12.2SB</a>	12.2(33) SEP-08 ãªsã^ 12.2(33) 12.2(33)
12.2XNA	è,,†â¼±æ€§ãªã—	
12.2XNB	è,,†â¼±æ€§ãªã—	
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,,†å¼±æ€§ãªãª—	
12.2YN	è,,†å¼±æ€§ãªãª—	
12.2YO	è,,†å¼±æ€§ãªãª—	
12.2YP	è,,†å¼±æ€§ãªãª—	
12.2YQ	è,,†å¼±æ€§ãªãª—	
12.2YR	è,,†å¼±æ€§ãªãª—	
12.2YS	è,,†å¼±æ€§ãªãª—	
12.2YT	è,,†å¼±æ€§ãªãª—	
12.2YU	è,,†å¼±æ€§ãªãª—	
12.2YV	è,,†å¼±æ€§ãªãª—	
12.2YW	è,,†å¼±æ€§ãªãª—	
12.2YX	è,,†å¼±æ€§ãªãª—	
12.2YY	è,,†å¼±æ€§ãªãª—	
12.2YZ	è,,†å¼±æ€§ãªãª—	
12.2ZA	è,,†å¼±æ€§ãªãª—	

12.2ZB	è,,†â¼±æ€§ãªãª—	
12.2ZC	è,,†â¼±æ€§ãªãª—	
12.2ZD	è,,†â¼±æ€§ãªãª—	
12.2ZE	è,,†â¼±æ€§ãªãª—	
12.2ZF	è,,†â¼±æ€§ãªãª—	
12.2ZG	è,,†â¼±æ€§ãªãª—	
12.2ZH	è,,†â¼±æ€§ãªãª—	
12.2ZJ	è,,†â¼±æ€§ãªãª—	
12.2ZL	è,,†â¼±æ€§ãªãª—	
12.2ZP	è,,†â¼±æ€§ãªãª—	
12.2ZU	è,,†â¼±æ€§ãªãª—	
12.2ZX	Vulnerable; <a href="#">first fixed in 12.2SB</a>	12.2(33) SEP-08 ãª§ãª^C
12.2ZY	è,,†â¼±æ€§ãªãª—	
12.2ZYA	è,,†â¼±æ€§ãªãª—	

<b>Affected 12.3-Based Releases</b>	<b>First Fixed Release</b>	
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è,†å¼±æ€§ã—

<b>Affected 12.4-Based Releases</b>	<b>First Fixed Release</b>	
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12.4 è,†å¼±æ€§ã—

12.4JA è,†å¼±æ€§ã—

12.4JK è,†å¼±æ€§ã—

12.4JL è,†å¼±æ€§ã—

12.4JMA è,†å¼±æ€§ã—

12.4JMB è,†å¼±æ€§ã—

12.4JMC è,†å¼±æ€§ã—

12.4JX è,†å¼±æ€§ã—

12.4MD è,†å¼±æ€§ã—

12.4MR è,†å¼±æ€§ã—

12.4SW è,†å¼±æ€§ã—



12.4T	è,,†â¼±æ€§ãªãª—	
12.4XA	è,,†â¼±æ€§ãªãª—	
12.4XB	è,,†â¼±æ€§ãªãª—	
12.4XC	è,,†â¼±æ€§ãªãª—	
12.4XD	è,,†â¼±æ€§ãªãª—	
12.4XE	è,,†â¼±æ€§ãªãª—	
12.4XF	è,,†â¼±æ€§ãªãª—	
12.4XG	è,,†â¼±æ€§ãªãª—	
12.4XJ	è,,†â¼±æ€§ãªãª—	
12.4XK	è,,†â¼±æ€§ãªãª—	
12.4XL	è,,†â¼±æ€§ãªãª—	
12.4XM	è,,†â¼±æ€§ãªãª—	
12.4XN	è,,†â¼±æ€§ãªãª—	
12.4XP	è,,†â¼±æ€§ãªãª—	
12.4XQ	12.4(15)XQ1	12.4(15)

12.4XR	Vulnerable; migrate to any release in 12.4T	12.4(15
12.4XT	è,,†â¼±æ€§ãªã—	
12.4XV	è,,†â¼±æ€§ãªã—	
12.4XW	è,,†â¼±æ€§ãªã—	
12.4XY	12.4(15)XY4	12.4(15
12.4XZ	12.4(15)XZ1	12.4(15
12.4YA	è,,†â¼±æ€§ãªã—	

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## 翻訳について

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