

Cisco IOS 1/2af•af^a, |a, §a, cā® Smart Install æ©Yèf½ā«ā?Šā?’ā,< Denial of Serviceï¼^DoSï¼%oā®è,,†å¼±æ€§



ã,çäf‰oāf♦ã,¤ã,¶äf¤ID : cisco-sa-
20120328-smartinstall

[CVE-2012-0385](#)

å^♦å...¬é-æ—¥ : 2012-03-28 16:00
æœ€gæ>æ—¥ : 2012-04-06 17:01

af♦ãf½ã,ãfsäf³ 1.1 : Final

CVSSã,¹ã,³ã,c : [7.8](#)

å›žé♦¿ç- : No Workarounds available

Cisco af♦ã,° ID : [CSCtt16051](#)

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IOSã,½af•af^a,|a,§a,çã♦®äf♦af½ã,äf§äf³ã♦§å^ç”“å♦¬èf½ã♦<a,,ã♦—ã,Œã♦¾ã♦>a,“ã€,
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<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20120328-smartinstall>

æ³·i¼š 2012 å¹` 3æœ^ 28 æ—¥ã€♦Cisco IOSã,½af•af^a,|a,§a,ç Security Advisory

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2012

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"Cisco Event Response: å¢Šå¹'ã¢"ã¢" Cisco IOSã,½ãƒ•ãƒ^ã,|ã,§ã,¢ Security Advisory
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http://www.cisco.com/web/about/security/intelligence/Cisco_ERP_mar12.html

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ãƒ‡ã,£ãƒ¬ã,¬ã,¿ãƒ¼ã¢¾ã¢Ýã¢—ã,¬ãf©ã,¤ã,¢ãƒ³ãƒ^ã¢® show vstack config privileged exec
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Cisco Catalyst ã,¹ã,¤ãffãƒ¢ã¢® show vstack config ã¢®å‡ºåŠ>ã¢§ã¢™:

```
switch#show vstack config
Role: Client
Vstack Director IP address: 10.1.1.163
```

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Catalyst ã,¹ã,¤ãffãƒ¢ã¢® show vstack config ã¢®å‡ºåŠ>ã¢§ã¢™:

```
Director# show vstack config
Role: Director
Vstack Director IP address: 10.1.1.163
Vstack Mode: Basic
Vstack default management vlan: 1
Vstack management Vlans: none
Vstack Config file: tftp://10.1.1.100/default-config.txt
Vstack Image file: tftp://10.1.1.100/c3750e-universalk9-tar.122-
Join Window Details:
    Window: Open (default)
```

```

Operation Mode: auto (default)
Vstack Backup Details:
  Mode: On (default)
  Repository: flash:/vstack (default)

```

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 4786 ã,’å♦«ã,”ã♦Šã,<ã♦•ã♦..:

```

router# show tcp brief all | include 4786
47DFD528 0.0.0.0.4786

```

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LISTEN

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 "Internetwork Operating System Software"ã€♦"Cisco IOS Software"
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Cisco IOS Software, C3900 Software (C3900-UNIVERSALK9-M), Version 15.0(1)M1, RELEASE SOFTWARE
 Technical Support: <http://www.cisco.com/techsupport>
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<#root>

Router>

show version

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 ã ◇ ™ã, <ã ◇ “ã ◇ ”ã ◇ “ã ◇ CŒã ◇ ãšã ◇ ã ◇ ¾ã ◇ ªã, CŒã ◇ °ã ◇ ¾ã ◇ Ýã ◇ – vstack
 ã, ³ãƒžãƒ³ãf‰ã ◇ CŒå^¶ç”“ã ◇ ãšã ◇ ã ◇ ¾ã ◇ ªã „, ã ◇ ®ã ◇ ãšã €♦å›žé♦¿ç–ã ◇ CŒã, ã, Šã ◇ ¾ã ◇ »ã, “ã€,
 ã ◇ ”ã ◇ ®å’å♦^ã€♦å”“ã, €ã ◇ ®è»½æ, >ã ◇ –ã ◇ <ã, %oå½±éÝçã, ’å♦—ã ◇ ‘ã ◇ Ýãƒ‡ãf♦ã, ã, ¹ã ◇ ®ãf♦ãf½
 4786 ã ◇ , ã ◇ ® TCP æŽ¥ç¶šã, ’äçé½ã ◇ ãšã ◇ ã ◇ ¾ã ◇ ªã „, ã, ½ãƒ¼ã, ¹é~²ã ◇ ã ◇ ”ã ◇ ”ã ◇ ãšã ◇ ™ã€,
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- ã, ãƒ³ã, jãƒ¼ãf•ã, §ã, ã, ¹ã, çã, –ã, »ã, ¹ã, ³ãƒ³ãf^ãfãf¼ãf« ãf^ã, ¹ãf^i¼^ACLi¼%oo
- ã, ³ãƒ³ãf^ãfãf¼ãf« ãf—ãf—ãf¼ãf³ ãf♦ãf³ã, ·ãƒ³ã, °i¼^CoPP; ã ◇ ™ã ◇ ¹ã ◇ |ã ◇ ® Cisco IOS
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<http://tools.cisco.com/security/center/content/CiscoAppliedMitigationBulletin/cisco-amb-20120328-smartinstall>,

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<http://www.cisco.com/go/psirt>
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æf...å ±ã»«ä, æ~žäç, 1ãŒä, å, å'åæ~äCisco Technical Assistance Centerï¼TACï¼‰ã³/4äŸäæ~å¥ç, å, 'çµã, "ã§ã, å, [æfjäf³äftäfSäf³ä](#), 1äf—äfäf, [äf€äf/4ä»«äŠå•ä, å'åæ~ä>ä, ä, ä, ä, ä, å, å, å,](#)

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<http://tools.cisco.com/security/center/selectIOSVersion.x> å§
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Affected 12.0-Based Releases	First Fixed Releaseï¼ä;®æfæ•ä,Œäæ~ä€å~äç®äfæäfæäf/4ä, 1ï¼
Affected 12.2-Based Releases	First Fixed Releaseï¼ä;®æfæ•ä,Œäæ~ä€å~äç®äfæäfæäf/4ä, 1ï¼
12.2	è,,†å¼±æ€§äæ~ä—
12.2B	è,,†å¼±æ€§äæ~ä—
12.2BC	è,,†å¼±æ€§äæ~ä—
12.2BW	è,,†å¼±æ€§äæ~ä—
12.2BX	è,,†å¼±æ€§äæ~ä—
12.2BY	è,,†å¼±æ€§äæ~ä—
12.2BZ	è,,†å¼±æ€§äæ~ä—

12.2CX	è,,†å¼±æ€§ã?^ã?—
12.2CY	è,,†å¼±æ€§ã?^ã?—
12.2CZ	è,,†å¼±æ€§ã?^ã?—
12.2DA	è,,†å¼±æ€§ã?^ã?—
12.2DD	è,,†å¼±æ€§ã?^ã?—
12.2DX	è,,†å¼±æ€§ã?^ã?—
12.2EU	è,,†å¼±æ€§ã?^ã?—
12.2EW	è,,†å¼±æ€§ã?^ã?—
12.2EWA	è,,†å¼±æ€§ã?^ã?—
12.2EX	Vulnerable; äf^aäf^af^{1/4}ä, 15.0SE ä♦§å>ºå®šã♦•ä,Œä,<ç¬— 1 12.2(46)EX ä»¥å‰o♦ä♦®äf ^a äf ^a f ^{1/4} ä, 1ä♦— è,,†å¼±ä♦§ã♦—ä♦^ä♦„ä♦§ã♦™ä€,
12.2EY	Vulnerable; migrate to any release in 15.1EY 12.2(52)EY4 ä»¥å‰o♦ä♦®äf ^a äf ^a f ^{1/4} ä, 1ä♦— è,,†å¼±ä♦§ã♦—ä♦^ä♦„ä♦§ã♦™ä€,
12.2EZ	Vulnerable; äf^aäf^af^{1/4}ä, 15.0SE ä♦§å>ºå®šã♦•ä,Œä,<ç¬— 1 12.2(53)EZ ä»¥å‰o♦ä♦®äf ^a äf ^a f ^{1/4} ä, 1ä♦— è,,†å¼±ä♦§ã♦—ä♦^ä♦„ä♦§ã♦™ä€,
12.2FX	è,,†å¼±æ€§ã?^ã?—
12.2FY	è,,†å¼±æ€§ã?^ã?—
12.2FZ	è,,†å¼±æ€§ã?^ã?—
12.2IRA	è,,†å¼±æ€§ã?^ã?—
12.2IRB	è,,†å¼±æ€§ã?^ã?—
12.2IRC	è,,†å¼±æ€§ã?^ã?—
12.2IRD	è,,†å¼±æ€§ã?^ã?—
12.2IRE	è,,†å¼±æ€§ã?^ã?—
12.2IRF	è,,†å¼±æ€§ã?^ã?—
12.2IRG	è,,†å¼±æ€§ã?^ã?—
12.2IRH	è,,†å¼±æ€§ã?^ã?—
12.2IXA	è,,†å¼±æ€§ã?^ã?—

12.2IXB	è,,†å¼±æ€§ã¤ã?
12.2IXC	è,,†å¼±æ€§ã¤ã?
12.2IXD	è,,†å¼±æ€§ã¤ã?
12.2IXE	è,,†å¼±æ€§ã¤ã?
12.2IXF	è,,†å¼±æ€§ã¤ã?
12.2IXG	è,,†å¼±æ€§ã¤ã?
12.2IXH	è,,†å¼±æ€§ã¤ã?
12.2JA	è,,†å¼±æ€§ã¤ã?
12.2JK	è,,†å¼±æ€§ã¤ã?
12.2MB	è,,†å¼±æ€§ã¤ã?
12.2MC	è,,†å¼±æ€§ã¤ã?
12.2MRA	è,,†å¼±æ€§ã¤ã?
12.2MRB	è,,†å¼±æ€§ã¤ã?
12.2S	è,,†å¼±æ€§ã¤ã?
12.2SB	è,,†å¼±æ€§ã¤ã?
12.2SBC	è,,†å¼±æ€§ã¤ã?
12.2SCA	è,,†å¼±æ€§ã¤ã?
12.2SCB	è,,†å¼±æ€§ã¤ã?
12.2SCC	è,,†å¼±æ€§ã¤ã?
12.2SCD	è,,†å¼±æ€§ã¤ã?
12.2SCE	è,,†å¼±æ€§ã¤ã?
12.2SCF	è,,†å¼±æ€§ã¤ã?
12.2SE	12.2(55)SE5
12.2SEA	è,,†å¼±æ€§ã¤ã?
12.2SEB	è,,†å¼±æ€§ã¤ã?
12.2SEC	è,,†å¼±æ€§ã¤ã?

12.2SED	è,,†å¼±æ€§ã¤ã?
12.2SEE	è,,†å¼±æ€§ã¤ã?
12.2SEF	è,,†å¼±æ€§ã¤ã?
12.2SEG	è,,†å¼±æ€§ã¤ã?
12.2SG	è,,†å¼±æ€§ã¤ã?
12.2SGA	è,,†å¼±æ€§ã¤ã?
12.2SL	è,,†å¼±æ€§ã¤ã?
12.2SM	è,,†å¼±æ€§ã¤ã?
12.2SO	è,,†å¼±æ€§ã¤ã?
12.2SQ	è,,†å¼±æ€§ã¤ã?
12.2SRA	è,,†å¼±æ€§ã¤ã?
12.2SRB	è,,†å¼±æ€§ã¤ã?
12.2SRC	è,,†å¼±æ€§ã¤ã?
12.2SRD	è,,†å¼±æ€§ã¤ã?
12.2SRE	è,,†å¼±æ€§ã¤ã?
12.2STE	è,,†å¼±æ€§ã¤ã?
12.2SU	è,,†å¼±æ€§ã¤ã?
12.2SV	è,,†å¼±æ€§ã¤ã?
12.2SVA	è,,†å¼±æ€§ã¤ã?
12.2SVC	è,,†å¼±æ€§ã¤ã?
12.2SVD	è,,†å¼±æ€§ã¤ã?
12.2SVE	è,,†å¼±æ€§ã¤ã?
12.2SW	è,,†å¼±æ€§ã¤ã?
12.2SX	è,,†å¼±æ€§ã¤ã?
12.2SXA	è,,†å¼±æ€§ã¤ã?

12.2SXB	è,,†å¼±æ€§ã¤ã?
12.2SXD	è,,†å¼±æ€§ã¤ã?
12.2SXE	è,,†å¼±æ€§ã¤ã?
12.2SXF	è,,†å¼±æ€§ã¤ã?
12.2SXH	è,,†å¼±æ€§ã¤ã?
12.2SXI	è,,†å¼±æ€§ã¤ã?
12.2SXJ	è,,†å¼±æ€§ã¤ã?
12.2SY	è,,†å¼±æ€§ã¤ã?
12.2SZ	è,,†å¼±æ€§ã¤ã?
12.2T	è,,†å¼±æ€§ã¤ã?
12.2TPC	è,,†å¼±æ€§ã¤ã?
12.2XA	è,,†å¼±æ€§ã¤ã?
12.2XB	è,,†å¼±æ€§ã¤ã?
12.2XC	è,,†å¼±æ€§ã¤ã?
12.2XD	è,,†å¼±æ€§ã¤ã?
12.2XE	è,,†å¼±æ€§ã¤ã?
12.2XF	è,,†å¼±æ€§ã¤ã?
12.2XG	è,,†å¼±æ€§ã¤ã?
12.2XH	è,,†å¼±æ€§ã¤ã?
12.2XI	è,,†å¼±æ€§ã¤ã?
12.2XJ	è,,†å¼±æ€§ã¤ã?
12.2XK	è,,†å¼±æ€§ã¤ã?
12.2XL	è,,†å¼±æ€§ã¤ã?
12.2XM	è,,†å¼±æ€§ã¤ã?
12.2XNA	Cisco IOS XE ã½ãƒ•ãƒ˜ã ã§ã,çã¤@ã®å¤ç"æ€§ã, 'ã¤,ç...§ã¤—ã¤ ã¤ã¤ã¤ã¤
12.2XNB	Cisco IOS XE ã½ãƒ•ãƒ˜ã ã§ã,çã¤@ã®å¤ç"æ€§ã, 'ã¤,ç...§ã¤—ã¤ ã¤ã¤ã¤ã¤
12.2XNC	Cisco IOS XE ã½ãƒ•ãƒ˜ã ã§ã,çã¤

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12.2XND	Cisco IOS XE Cisco IOS XE Cisco IOS XE Cisco IOS XE
12.2XNE	Cisco IOS XE Cisco IOS XE Cisco IOS XE Cisco IOS XE
12.2XNF	Cisco IOS XE Cisco IOS XE Cisco IOS XE Cisco IOS XE
12.2XO	è,,†å¼±æ€§ã¹ã¹—
12.2XQ	è,,†å¼±æ€§ã¹ã¹—
12.2XR	è,,†å¼±æ€§ã¹ã¹—
12.2XS	è,,†å¼±æ€§ã¹ã¹—
12.2XT	è,,†å¼±æ€§ã¹ã¹—
12.2XU	è,,†å¼±æ€§ã¹ã¹—
12.2XV	è,,†å¼±æ€§ã¹ã¹—
12.2XW	è,,†å¼±æ€§ã¹ã¹—
12.2YA	è,,†å¼±æ€§ã¹ã¹—
12.2YC	è,,†å¼±æ€§ã¹ã¹—
12.2YD	è,,†å¼±æ€§ã¹ã¹—
12.2YE	è,,†å¼±æ€§ã¹ã¹—
12.2YK	è,,†å¼±æ€§ã¹ã¹—
12.2YO	è,,†å¼±æ€§ã¹ã¹—
12.2YP	è,,†å¼±æ€§ã¹ã¹—
12.2YT	è,,†å¼±æ€§ã¹ã¹—
12.2YW	è,,†å¼±æ€§ã¹ã¹—
12.2YX	è,,†å¼±æ€§ã¹ã¹—

12.2YY	è,,†å¼±æ€§ã‰æ?—
12.2YZ	è,,†å¼±æ€§ã‰æ?—
12.2ZA	è,,†å¼±æ€§ã‰æ?—
12.2ZB	è,,†å¼±æ€§ã‰æ?—
12.2ZC	è,,†å¼±æ€§ã‰æ?—
12.2ZD	è,,†å¼±æ€§ã‰æ?—
12.2ZE	è,,†å¼±æ€§ã‰æ?—
12.2ZH	è,,†å¼±æ€§ã‰æ?—
12.2ZJ	è,,†å¼±æ€§ã‰æ?—
12.2ZP	è,,†å¼±æ€§ã‰æ?—
12.2ZU	è,,†å¼±æ€§ã‰æ?—
12.2ZX	è,,†å¼±æ€§ã‰æ?—
12.2ZY	è,,†å¼±æ€§ã‰æ?—
12.2ZYA	è,,†å¼±æ€§ã‰æ?—
Affected 12.3-Based Releases	First Fixed Releaseï¼ä¿®æ£ã‰æ?—,æ‰Ýæœ€å^ä¿®ã‰æ?—ï¼ä¿®æ£ã‰æ?—,ï¼ä¿®æ£ã‰æ?—,ï¼ä¿®æ£ã‰æ?—
Affected 12.4-Based Releases	First Fixed Releaseï¼ä¿®æ£ã‰æ?—,æ‰Ýæœ€å^ä¿®ã‰æ?—ï¼ä¿®æ£ã‰æ?—,ï¼ä¿®æ£ã‰æ?—,ï¼ä¿®æ£ã‰æ?—
å½±é¥;ä,’å‰—ä‰’ä,¢ 15.0 äƒ™äƒ¼ä,¢®äƒäƒäƒ¼ä, ¹	First Fixed Releaseï¼ä¿®æ£ã‰æ?—,æ‰Ýæœ€å^ä¿®ã‰æ?—ï¼ä¿®æ£ã‰æ?—,ï¼ä¿®æ£ã‰æ?—,ï¼ä¿®æ£ã‰æ?—,ï¼ä¿®æ£ã‰æ?—
15.0M	è,,†å¼±æ€§ã‰æ?—
15.0MR	è,,†å¼±æ€§ã‰æ?—

15.0MRA	è,,†å¼±æ€§ã?—
15.0S	è,,†å¼±æ€§ã?— Cisco IOS XE ãf‡ãfã,¤ã, ¹ : Cisco IOS XE ã,½ãf•ãf^ã, ã,§ã,c å?ç"æ€§ã,'ã,ç...§ã—ã? ã,ã?•ã?,,
15.0SA	è,,†å¼±æ€§ã?—
15.0SE	15.0(1)SE1
15.0SG	è,,†å¼±æ€§ã?— Cisco IOS XE ãf‡ãfã,¤ã, ¹ : Cisco IOS XE ã,½ãf•ãf^ã, ã,§ã,c å?ç"æ€§ã,'ã,ç...§ã—ã? ã,ã?•ã?,,
15.0SY	è,,†å¼±æ€§ã?—
15.0XA	è,,†å¼±æ€§ã?—
15.0XO	Cisco IOS XE ãf‡ãfã,¤ã, ¹ : Cisco IOS XE ã,½ãf•ãf^ã, ã,§ã,cã?®å?ç"æ€§ã,'ã,ç...§ã—ã? ã,ã?•ã?,,
å½±éŸ;ã,'ã—ã?‘ã, ¹ 15.1 ãf™ãf¼ã, ¹ ã?®ãfããfãf¼ã, ¹	First Fixed Releaseï¼^ã;®æfã?•ã,Cæã?Ýæœ€å^ã?ã?®ãfããfãf¼ã, ¹ ï
15.1EY	è,,†å¼±æ€§ã?—
15.1GC	è,,†å¼±æ€§ã?—
15.1M	15.1(4)M4; 30-MAR-12 ã?§å^©ç"“å?èf½
15.1MR	è,,†å¼±æ€§ã?—
15.1S	è,,†å¼±æ€§ã?— Cisco IOS XE ãf‡ãfã,¤ã, ¹ : Cisco IOS XE ã,½ãf•ãf^ã, ã,§ã,c å?ç"æ€§ã,'ã,ç...§ã—ã? ã,ã?•ã?,,
15.1SG	è,,†å¼±æ€§ã?— Cisco IOS XE ãf‡ãfã,¤ã, ¹ : Cisco IOS XE ã,½ãf•ãf^ã, ã,§ã,c å?ç"æ€§ã,'ã,ç...§ã—ã? ã,ã?•ã?,,
15.1SNG	è,,†å¼±æ€§ã?—
15.1SNH	è,,†å¼±æ€§ã?—
15.1T	15.1(3)T3
15.1XB	è,,†å¼±æ€§ã?—
è® ² å½“ã?™ã, ¹ 15.2 ãf™ãf¼ã, ¹ ã?®ãfããfãf¼ã, ¹	First Fixed Releaseï¼^ã;®æfã?•ã,Cæã?Ýæœ€å^ã?ã?®ãfããfãf¼ã, ¹ ï
15.2GC	15.2(1)GC2
15.2S	è,,†å¼±æ€§ã?—

	Cisco IOS XE ãf‡ãf♦ã,¤ã, ¹ : Cisco IOS XE ã,½ãf•ãf^ã,¡ã,§ã,c å♦ç”“æ€§ã,’ã♦,ç...§ã♦—ã♦ ã,¤ã♦•ã♦,,
15.2T	15.2(1)T2 15.2(2)T1 15.2(3)T; 30-MAR-12 ã♦§ã^©ç”“å♦—èf½

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<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20120328-smartinstall>

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翻訳について

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