

Cisco IOS

XRã,½ãf•ãf^ã,|ã,§ã,cã?«ã?Šã?’ã,<ã·§ã|™ã?«ç?



ã,çãf‰oãf♦ã,¤ã,¶ãfãf%ID : cisco-sa-

20150611-iosxr

[CVE-2015-](#)

[0769](#)

å^♦å...-é-[æ](#)-¥ : 2015-06-11 16:00

ãf♦ãf%ã,ãf§ãf³ 1.0 : Final

CVSSã,¹ã,³ã,c : [5.0](#)

å›žé♦¿ç- : No Workarounds available

Cisco ãf♦ã,º ID : [CSCtx03546](#)

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Cisco CRS-3 Carrier Routing System”ã?®Cisco IOS

XRã,½ãf•ãf^ã,|ã,§ã,cã?®IPãf♦ãf%ã,ãf§ãf³6(IPv6)å‡!ç♦†ã,³ãf%ãf‰oã?®è,,†å¼±æ€§ã?«ã,^ã,§ã€?®

ã?“ã?®è,,†å¼±æ€§ã?¬ã€?IPv6æ<å¼µãf~ãffãf€ãf%ã,’ä¼?é€?ã?™ã,[IPv6ãf'ã,±ãffãf^ã?®ä,?é?æ”»æ’fè€...ã?¬ã€?IPv6ãf^ãf©ãf•ã,£ãffã,¬ã,’å‡!ç♦†ã?™ã,\[ã?†ã?«è”å®šã?•ã,Œã?¥è©²å½”ãf\]\(#\)](#)

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<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20150611-iosxr>

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Cisco CRS-3 Carrier Routing

Systemã?ãf?ã,¤ã,¹ã?¬ã€?æ¬jã?®ã?™ã?¹ã? |ã?®æ?;jä»¶ã?Œæ°ã?¥ã?•ã,Œã,[ã?“ã€?“](#)

1)ã,·ãf?ãf?ã,·ã?«ã?¬ã€?æ¬jã?®ã?„ã?šã,Œã?[ã?®ãf©ã,¤ãf³ã,«ãf%ãf‰oã?Œå?–ã,§ã»~ã?“](#)

- CRS-MSC-140G: Cisco CRS-3 afçã, af¥äf©ã, af¹/₄af“ã, ¹ã, «af¹/₄af‰(140G)
- CRS-FP140: Cisco CRS-3 afçã, ©af~af¹/₄af‡ã, fäf³ã, °af—afã, »affã, µ, «af¹/₄af‰(140 Gbps)
- CRS-LSP: Cisco CRS-3 af©ãf™af«ã, ¹ã, affãf♦af—afã, »affã, µ

2) Cisco CRS-3 Carrier Routing

Systemaf‡ãf♦ã, ã, ¹ã, Šã€♦ã♦“ã♦®è,, †å½±æ€§ã♦®å½±éÝ;ã,’å♦—ã♦’ã, Cisco IOS
 XRäf¤äf¤af¹/₄ã, ¹ã, ®è;Œã♦•ã,Œã♦|ã♦, „ã, <ã€, å½±éÝ;ã,’å♦—ã♦’ã, <ãf¤äf¤af¹/₄ã, ¹ã, ®è©³ç’°ã, æ³”í/šCisco IOS

XRä, ½äf•af^ã, |ã, §ã, çãf¤af¤af¹/₄ã, ¹4.2.1ä»¥é™♦ã♦—ã€♦ã♦“ã♦®è,, †å½±æ€§ã♦®å½±éÝ;ã,’å♦—ã♦’ã

3) Šè~ã♦®af©ã, aff³ã, «af¹/₄af‰ã♦—ã€♦IPv6af^af©ãf•ã, Eaffã, —ã, ’å‡!ç♦tã♦™ã, <ã, ^ã♦tã♦«è”å

ç®¡ç♦†è€...ã♦—ã€♦ show

diag, ³afžaf³af‰ã, ’ä½ç”ã♦—ã♦|ã€♦è©²å½“ã♦™ã,
 CRS-3 Carrier Routing

System(CRS)af‡ãf♦ã, ã, ¹ã, «ã, aff³ã, ¹af^af¹/₄af“ã♦•ã,Œã♦|ã♦, „ã, <ã♦<ã♦©ã♦tã♦<ã, ’çç°èªã♦ã
 MSC-140Gaf©ã, aff³ã, «af¹/₄af‰ã♦Œã, aff³ã, ¹af^af¹/₄af“ã♦•ã,Œã♦ÝCisco CRS-
 3, afEaf¤ã, çaf«af¹/₄af†ã, Eaf³ã, °ã, ·ã, ¹af†af af‡af♦ã, ã, ¹ã, ’çç°ã♦—ã♦|ã♦, „ã♦¾ã♦™ã€,

<#root>

RP/0/RP0/CPU0:router#sh diag
 Thu Jun 4 14:53:25.229 EDT

CARD 0/0/* : Cisco CRS Series Modular Services Card 140G
 MAIN: board type 500064
 800-32942-06 rev B0
 dev N/A
 S/N SAX99999ZZZ
 PCA: 73-12720-06 rev A0
 PID:

CRS-MSC-140G

VID: V03
 CLEI: IPUCAZYBAC
 ECI: 180032

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ç®¡ç♦†è€...ã♦— show

version, ³afžaf³af‰ã, ’ä½ç”ã♦—ã♦|ã€♦af‡af♦ã, ã, ¹ã, Šã®Ý;Œã♦•ã,Œã♦|ã♦, „ã, Cisco
 IOS XRäf¤äf¤af¹/₄ã, ¹ã, ’çç°èªã♦Šã♦¾ã♦™ã€, Cisco IOS
 XRä, ®è;Œã♦—ã♦|ã♦, „ã,

versionã, 3äfžäf3äf‰oã®å‡ºå›ã«ã€ŒCisco IOS
XRã€ã”ã„ã†æ—‡å—å^—ãŒå«ãŒ³/4ãŒ™ã€, æ¬jã®ä³/4ãŒ—ã€ŒCisco
IOS
XRãfäfãf1/4ã, 14.1.2ã,’å®Ýè;Œã—ã|ã„ã, <äf‡äfã, ã, ’ç¤°ã—ã|ã„ãŒ³/4ãŒ™ã€,

<#root>

```
RP/0/RP0/CPU0:router#sh version
Thu Jun  4 14:56:06.484 EDT
```

Cisco IOS XR Software, Version

4.1.2

[Default]
Copyright (c) 2012 by Cisco Systems, Inc.

ROM: System Bootstrap, Version 2.05(20110622:151317) [CRS ROMMON],

router uptime is 2 years, 11 weeks, 5 days, 10 hours, 22 minutes

System image file is "disk0:hfr-os-mbi-4.1.2.CSCtw71819-1.0.0/0x100008/mbihfr-rp-x86e.vm"

cisco CRS-16/S (Intel 686 F6M14S4) processor with 12582912K bytes of memory.
Intel 686 F6M14S4 processor at 2130Mhz, Revision 2.174

Cisco CRS Series 16 Slots Line Card Chassis

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ç®¡çŒ†è€...ãŒ— show ipv6 interface brief

ã, 3äfžäf3äf‰oã, ’ä½;ç”ã—ã|ã€ã, ãäf3ã, ¿äf1/4äf•ã, ã, 1ãŒ§ IPv6
ãŒäfŒäf•ã, ãŒäfŒ, —ãŒ®å‡¡|çŒ†ãŒæœ‰åŠ¹ãŒ«ãŒ°ãŒ£ãŒ|ã„ã, <ãŒ<äf•ã, ’çŒ°èªãŒãŒ§ãŒ
ãŒŒå‡¡|çŒ†ãŒ§ãŒã, <ã, ^ãŒ†ãŒ«è”å®šãŒ•ã, ÆãŒÝã, ãäf3ã, ¿äf1/4äf•ã, ã, 1ãŒ®ä³/4ãŒ, ’æ¬jãŒ

<#root>

```
RP/0/RP0/CPU0:router# show ipv6 interface brief
```

GigabitEthernet0/2/0/0 [Up/Up]
fe80::212:daff:fe62:c150

202::1

<output truncated>

show ipv6 interface brief, 3afzaf%oã®å€®®Cisco IOS
 XRã½f•ãf^ã, | ã,§ã,çã®ãf♦ãf%4ã,ãf§ãf³ã®IPv6ã/'ã,µãf♦ãf%4ãf^ã—ã♦|ã„ã♦ã♦„å`å♦^ã
 ã♦CEç„jåS'ã«ã♦ã♦£ã♦|ã„ã,<ã`å`ã♦^ã♦—ã€♦IPv6
 ã,çãf%oãf-ã,¹ã,'æCE♦ã♦¤ã,¤ãf³ã,¿ãf%4ãf•ã,§ã,¤ã,¹ã♦CEä,€å^‡è;”ç¤°ã♦•ã,CEä♦¾ã♦>ã,”ã€,
 ã,¤ãf³ã,¿ãf%4ãf•ã,§ã,¤ã,¹ã♦CEf♦ãf³ã®ãf%oãf«ã♦®ä,€éf”ã,,ã€♦VRFi¼Virtual Routing and
 Forwardingi¼%oã,¤ãf³ã,¹ã,¿ãf³ã,¹ã♦§ã♦,ã,<ã`å`ã♦^ã♦—ã€♦IPv6
 ã♦CEå†tã♦§ã♦,ã,<ã`å`ã♦^ã♦“è”å®šã♦•ã,CEä♦ã♦„å`å`ã♦|ã„ã€♦ show ipv6 interface
 brief
 ã,3afzaf%oã®å‡oåŠ>ã♦«è;”ç¤°ã♦•ã,CEä♦ã♦„å`å`ã♦CEä♦,ã,§ã♦¾ã♦™ã€,ã♦”ã♦®ã,^
 show ipv6 vrf all interface
 ã,3afzaf%oã®å‡oåŠ>ã♦«è;”ç¤°ã♦•ã,CEä♦|ã„ã,<ã`å`ã♦^ã♦—ã€♦ show ipv6 vrf all interface
 ã,3afzaf%oã®å‡oåŠ>ã♦—æ-¡ã♦®ã,^ã♦tã♦«ã♦ã,§ã♦¾ã♦™ã€,

<#root>

RP/0/RP0/CPU0:router#sh ipv6 vrf all interface
 Thu Jun 4 15:12:11.170 EDT

<output truncated>

Bundle-Ether4.765 is Up, ipv6 protocol is Up, Vrfid is FDA (0x60000001)
 IPv6 is enabled, link-local address is fe80::21d:a2ff:ab:ccdd
 Global unicast address(es):

2001:db8:1:1::1

, subnet is 2001:db8:1:1::/64
 Joined group address(es): ff02::1:ff00:0 ff02::1:aabb:ccdd ff02::2
 ff02::1
 MTU is 1518 (1500 is available to IPv6)
 ICMP redirects are disabled
 ICMP unreachables are enabled
 ND DAD is enabled, number of DAD attempts 1
 ND reachable time is 0 milliseconds
 ND advertised retransmit interval is 0 milliseconds
 Hosts use stateless autoconfig for addresses.
 Outgoing access list is not set
 Inbound access list is not set
 Table Id is 0xe0800001

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Cisco IOS XRã½f•ãf^ã,|ã,§ã,çã,’å®ÿè;CEä♦—ã♦|ã„ã,Cisco

12000 Cisco ASR

9000 Cisco Carrier Routing System 1(CRS-1) Cisco CRS-X Carrier Routing System Cisco Network Convergence System

6000, ·ãƒâ·ãƒ¼ã, °ãƒ«ãƒ¼ã, ¿ã ◊ - ã€ ◊ ã◊ “ã ◊ ®è, „ã ¼½±æ€§ã ◊ ®å½±éÝã, ’ã ◊ —ã ◊ ‘ã ◊ ¾ã ◊ >ã, ”ã€, ã ◊ CRS-3ã, ãƒ£ãƒºã, çãƒ«ãƒ¼ãftã, £ãƒ³ã, °ã, ·ã, ¹ãftãf ãftãf ã, ¶ã, ¹ã ◊ ®ã ◊ ¿ã ◊ §ã ◊ ™ã€,

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Cisco CRS-3 Carrier Routing System™ Cisco IOS

XRA, ½af•af^a, | a, Ša, Ča ♦ ® IPaf♦ af¼a, afŠaf³6(IPv6)‡ | č♦ †a, ³af¼af‰o a ♦ ® è,, †¼±æ€ša ♦ «a, ^a, Ša€ ♦

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CRS-

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„IPv6ä,ç¶™äf^äf©äf•ä,£äffä,“ ä ¾ä YYä „äftäf ä,¤ä,¹è‡ä½“ä,’å®›å...

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ã¢“ã¢®è„†å¼±æ€§ã¢ ã¢Cisco Bug ID [CSCtx03546](#) (ç™»éŒ²)

Common Vulnerabilities and Exposures(CVE)ID | CVE-2015-

0769 „Œœ‰‰²„Œœ‰‰½„Œœ‰‰³„Œœ‰‰¼„Œœ‰‰™œœ‰‰€,

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[Cisco Security Advisories, Responses, and Alerts](http://www.cisco.com/go/cisco-security-advisories)
[Technical Assistance](http://www.cisco.com/go/technical-assistance)

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XRAf^af^af^af^{1/4},¹æŒæ“æŒæ„tå½±æ€§æŒæ®å½±éŸ¿æ,’æŒ—æŒ’æŒ¾æŒ™æ€,

- Cisco IOS XR 14.0.1 → 4.0.2 → 4.0.3 → 4.0.4
 - Cisco IOS XR 14.1.0 → 4.1.1 → 4.1.2
 - Cisco IOS XR 14.2.0

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- hfr-px-4.1.0.CSCtx03546.pieⁱ^^{1/4}^^ãf^aãf^aãf^{1/4}ã, 14.1.0ç””ⁱ^^{1/4}‰
 - hfr-px-4.1.1.CSCtx03546.pieⁱ^^{1/4}^^ãf^aãf^aãf^{1/4}ã, 14.1.1ç””ⁱ^^{1/4}‰
 - hfr-px-4.1.2.CSCtx03546.pieⁱ^^{1/4}^^ãf^aãf^aãf^{1/4}ã, 14.1.2ç””ⁱ^^{1/4}‰
 - hfr-px-4.2.0.CSCtx03546.pieⁱ^^{1/4}^^ãf^aãf^aãf^{1/4}ã, 14.2.0ç””ⁱ^^{1/4}‰

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Cisco IOS

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Cisco IOS

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Cisco Product Security Incident Response

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URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20150611-iosxr>

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ã◆”ã◆®ãf‰ã, ãf¥ãf|ãf³ãf^ã◆®æf...å ±ã◆—ã€◆ã, ·ã, ^ã◆è½å“◆ã◆®ã, ”ãf³ãf‰ãf!ãf%ã, ¶ã, ’å °¾è±¡ã

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。