

IPv4 **IOS** severity 20030717-blocked



severity
20030717-blocked
2003-07-16 18:30
Final
No Workarounds available
Cisco ID :

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Cisco IOS® 4(IPv4) of Service(DoS)ã”æ”fã «ã ¯¾ã —ã | è,, tã¼±ã ã™ã€ç%º¹ã®šã®ãf—ãfãf^ã,³ãf«ãf•ã,£ãf¼ãf«ãã,ã,¹ã,³ã ã™ã ¯ã€ãã “ã®ã•é;CEã,èš£æ±°ã™ã,ããYã,ãã«ã,½ãf•ãf^ã, |ã,šã,çã,ç,,ã,,Yã ã™ãã “ã®ã,çãf%ºãfã,ã,¶ã,¶ãfãã ¯ã€ <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAlert-20030717-blocked>ã ã™ãã...¥æ%ºã ã™ããã¾ã™ã€,

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ã “ã®ã•é;CEã ¯ã€ Cisco IOSã,½ãf•ãf^ã, |ã,šã,çã,ã®Yè;CEã —ã€ Internet Protocol version 4(IPv4)ãfã,±ãffãf^ã,ã†|ç ã™ã,ã,^ã ã™ã «è”ã®šã•ã,CEã |ã,,ã,ãã™ã¹ã |ã®ã,ã,¹ã IOSã,½ãf•ãf^ã, |ã,šã,çã,ã®Yè;CEã™ã,ããf«ãf¼ã,çã€ã,¹ã,ããffãfã€ã€ãf©ã,ããf³ã,«ãf¼ãf%ºã CEã IOSã,½ãf•ãf^ã, |ã,šã,çã CEç”¼ãfãã —ã |ã,,ãããã,,Ciscoãfãfãfã,ã,¹ã ¯ã½±éY;ã,ã —ã Cisco è£½ã”ã ã™ãã¾ãã —ã |ã,,ã,ã,½ãf•ãf^ã, |ã,šã,çã,ççºèªãã™ã,ãã «ã ¯ã€ãfãfãfã,ã,ã, version ã,³ãfžãf³ãf%ºã, ç™ºè;CEã —ã |ã,ã,¹ããfããfãfãfãfã,è;”çºã —ã¾ã™ã€Cisco IOSã,½ãf•ãf^ã, |ã,šã,çã ¯ã€ã€Internet network Operating System

IOS#show ip pim sparse-mode

PIM dense-mode ip pim sparse-mode

Resolution

Protocol ARP

Bug

Cisco

ID

CSCdi22941 CSCdz71127

show interfaces

Queue

show

buffers

<#root>

Router#

show interface ethernet 0/0

Ethernet0/0 is up, line protocol is up
Hardware is AmdP2, address is 0050.500e.f1e0 (bia 0050.500e.f1e0)
Internet address is 172.16.1.9/24
MTU 1500 bytes, BW 10000 Kbit, DLY 1000 usec, rely 255/255, load 1/255
Encapsulation ARPA, loopback not set, keepalive set (10 sec)
ARP type: ARPA, ARP Timeout 04:00:00
Last input 00:00:41, output 00:00:07, output hang never
Last clearing of "show interface" counters 00:07:18
Input queue:

76/75/1091/0

(size/max/drops/flushes); Total output drops: 0
!--- The 76/75 shows that this is blocked

Router#

show buffers input-interface serial 0/0 packet

Buffer information for Small buffer at 0x612EAF3C
data_area 0x7896E84, refcount 1, next 0x0, flags 0x0
linktype 7 (IP), enctype 0 (None), encsize 46, rxttype 0

Technical Assistance
 Center
 10. x
 11. x
 11.0
 11.1
 11.1AA
 11.1CA
 11.1CC
 11.2
 11.2P

<p>10. x</p>	<p>11. x</p>
<p>11.0</p>	
<p>11.1</p>	
<p>11.1AA</p>	
<p>11.1CA</p>	
<p>11.1CC</p>	
<p>11.2</p>	
<p>11.2P</p>	

11.2SA	Catalyst 2900XL 4MB
11.3	
11.3T	
12.0	
12.0	General Deployment
12.0DA	6100 6200
12.0DB	6400 UAC
12.0DC	Early Deployment 6400 UAC
12.0S	7200 10k

12.0SC	ã,±ãf¹/4ãf-ãf«/ãf-ãfãf¹/4ãf%oãf ♦ãf³ãf%oISP:uBR7200
12.0SL	10000ESR:c10k
12.0SP	æ—©æœÿâ°Žâ...¥
12.0ST	ã,³ã,ç/ISPã,ñf ♦ãf¹/4ãf^ç""ã ♦®æ—©æœÿâ°Žâ...¥ãfªãfªãf¹/4ã,¹i¹/4šGSRã€ ♦RSPã€ ♦c7
12.0SX	12.0(21)SX
	12.0(22)SX
12.0SY	æ—©æœÿâ°Žâ...¥
12.0SZ	æ—©æœÿâ°Žâ...¥
12.0T	æ—©æœÿâ°Žâ...¥
12.0W5	Cat8510cã€ ♦cat8510mã€ ♦cat8540cã€ ♦cat8540mã€ ♦ls1010

	Cat2950
	Cat4232ãŠă,^ă³Cat2948G-L3
	C6MSM
	C5rsfcã€C5rsmã€C3620ã€C3640ã€C4500ã€C7200ã€RSP
12.0WC	æ—©æœŸâ°Žă...¥2900XL-LREã€2900XL/3500XL
12.0WT	æ—©æœŸâ°Žă...¥ă®Catalystă,¹ă,œăffăfï¼šcat4840g
12.0X(l)	Short-Lied Early Deployment(SMED)ăfªăfªăf¼ă,¹
12.1 äf™ăf¼ă,¹ă®ăfªăfªăf¼ă,¹	
12.1	ă™ă¹ă ă®ăf—ăf©ăffăf^ăf•ă,©ăf¼ăf å'ă'ă®General Deploymentăfª
12.1AA	
12.1AX	Catalyst 3750ã€Catalyst 2970
12.1AY	Catalyst 2940
12.1DA	6160ăf—ăf©ăffăf^ăf•ă,©ăf¼ăf

12.1DB	6400 UAC
12.1DC	6400 UAC
12.1E	<p>ã,³ã,çã,ãf³ã,¿ãf¼ãf—ãf©ã,ðã,°ã,þfãf¼ãf~i¼šc7200ã€Catalyst 6000ã€RSPã€c7100ã€Cat4000ã€Cat8500MSRã€Cat8500CSRã€LS1010</p>
12.1EA	<p>12.1(4)EA 12.1(6)EA 12.1(8)EA 12.1(9)EA 12.1(11)EA 12.1(12c)EA 12.1(13)EA</p>
12.1EB	LS1010
12.1EC	æ—©æœŸã°Žã...Ÿ

12.1EV	æ—©æœÿâ°Žâ...¥
12.1EW	æ—©æœÿâ°Žâ...¥Cat4000 L3
12.1EX	æ—©æœÿâ°Žâ...¥
12.1EY	
12.1YJ	
12.1T	æ—©æœÿâ°Žâ...¥
12.1X(l)	é€šâ,ã 12.1Xãfªãfªãf¹/4ã,¹ã ¯ã€ æ-ªã «çªªªª™ã,^ã ¢ã «12.1Tã€ 12.2ã€
12.1XA	Short-Lied Early Deploymentãfªãfªãf¹/4ã,¹
12.1XC 12.1XD 12.1XH	Short-Lied Early Deployment(SMED)ãfªãfªãf¹/4ã,¹
12.1XI	
12.1XB 12.1XF 12.1XG 12.1XJ 12.1XL 12.1XP 12.1XR 12.1XT 12.1YB 12.1YC 12.1YD 12.1YH	Short-Lied Early Deployment(SMED)ãfªãfªãf¹/4ã,¹

12.1XM 12.1XQ 12.1XV	Short-Lied Early Deployment(SMED)ãfãfãf¼ã,¹
12.1XU	Short-Lied Early Deploymentãfãfãf¼ã,¹
12.1YE 12.1YF 12.1YI	Short-Lied Early Deployment(SMED)ãfãfãf¼ã,¹
12.2 ãf™ãf¼ã,¹ã®ãfãfãf¼ã,¹	
12.2	ã™ã¹ã ã®ãf—ãf©ãffãf^ãf•ã,©ãf¼ãfã«ã³¼ã¿œã™ã,«General Deploym
12.2B	12.2(2)B i½ž 12.2(4)B7
	12.2(4)B8 i½ž 12.2(16)B
12.2BC	Early Deploymentãfãfãf¼ã,¹
12.2BW	7200ã€7400ã€ãŠã,^ã³7411ãf—ãf©ãffãf^ãf•ã,©ãf¼ãfãSã½¿ç"ã™ã,ã
12.2BX	ãf-ãfãf¼ãf%ãfãf³ãf%/ã°,ç"ã>žç·š
12.2BZ	Early Deploymentãfãfãf¼ã,¹
12.2CX	Early Deploymentãfãfãf¼ã,¹
12.2CY	Early Deploymentãfãfãf¼ã,¹
12.2DA	Early Deploymentãfãfãf¼ã,¹

12.2DD	Early Deployment
12.2DX	Early Deployment
12.2JA	Cisco Aironet 1100
12.2MB	2600 7500 Specific Technology ED(GPRS/PDSN/GGSN 2600/7200/7500)
12.2MC	æ—©æœÿâ°Žâ...¥¼šIP RAN
12.2MX	
12.2S	ã,³ã,ç/ISPã,µf¼ãf^i¼šRSPã€c7200
12.2SX	C6500 Supervisor720ã®IOSã,µãf¼ãf^
12.2SY	c6k/76xx VPNã,µf¼ãf^ã,¹ãfçã,ãf¥ãf¼ãf«ç”VPNæ©ÿèf½ãfãf¼ã,¹
12.2SZ	7304ãf—ãf©ãffãf^ãf•ã,©ãf¼ãf
12.2T	ã™ã¹ã ã®ãf—ãf©ãffãf^ãf•ã,©ãf¼ãfãã'ãã®New Technology Early D
12.2X(l) 12.2Y(l)	Short-Lied Early Deployment(SMED)ãfãfãf¼ã,¹
12.2XA	Short-Lied Early Deployment(SMED)ãfãfãf¼ã,¹
12.2XM	

12.2XS	
12.2XD 12.2XE 12.2XH 12.2XI 12.2XJ 12.2XK 12.2XL 12.2XQ 12.2XU 12.2XW 12.2YB 12.2YC 12.2YF 12.2YG 12.2YH 12.2YJ 12.2YT	Short-Lied Early Deployment(SMED)ãf ^a ãf ^a ãf ^{1/4} ã, ¹
12.2YA	
12.2YN	Short-Lied Early Deploymentãf ^a ãf ^a ãf ^{1/4} ã, ¹
12.2YO	Short-Lied Early Deploymentãf ^a ãf ^a ãf ^{1/4} ã, ¹
12.2XB	ç¶™ç¶šçš,,ã♦ ^a ã,µãf♦ãf ^{1/4} ãf [^] ã,'ã♦«ã,€æ—©æœÿã°Žã...¥ãf ^a ãf ^a ãf ^{1/4} ã, ¹
12.2XC	Short-Lied Early Deploymentãf ^a ãf ^a ãf ^{1/4} ã, ¹
12.2XF	Short-Lied Early Deploymentãf ^a ãf ^a ãf ^{1/4} ã, ¹ uBR10000
12.2XG	Short-Lied Early Deploymentãf ^a ãf ^a ãf ^{1/4} ã, ¹
12.2XN 12.2XT	Short-Lied Early Deployment(SMED)ãf ^a ãf ^a ãf ^{1/4} ã, ¹
12.2YD	Short-Lied Early Deploymentãf ^a ãf ^a ãf ^{1/4} ã, ¹
12.2YK	

12.2YL 12.2YM 12.2YU 12.2YV	Short-Lied Early Deployment(SMED)ãfãfãf1/4ã,¹
12.2YP	Short-Lied Early Deploymentãfãfãf1/4ã,¹
12.2YQ 12.2YR	Short-Lied Early Deployment(SMED)ãfãfãf1/4ã,¹
12.2YS	Short-Lied Early Deploymentãfãfãf1/4ã,¹
12.2YW	Short-Lied Early Deploymentãfãfãf1/4ã,¹
12.2YX	7100/7200ã'ã'Short-Lied Early Deploymentãfãfãf1/4ã,¹Crypto
12.2YY	General Packet Radio Serviceã®IOSã,µãfãfãf1/4ã^ã,ãfãfãf1/4ã,¹ã™ã,«Short Lied Ea
12.2YZ	Short-Lied Early Deploymentãfãfãf1/4ã,¹
12.2ZA	Short-Lied Early Deploymentãfãfãf1/4ã,¹
12.2ZB	Short-Lied Early Deploymentãfãfãf1/4ã,¹
12.2ZC	Short-Lied Early Deploymentãfãfãf1/4ã,¹
12.2ZD	Short-Lied Early Deploymentãfãfãf1/4ã,¹
12.2ZE	Short-Lied Early Deploymentãfãfãf1/4ã,¹
12.2ZF	Short-Lied Early Deploymentãfãfãf1/4ã,¹

1.1	GMT	◊ζç-ã€◊ã,»ã,¯ã,·ãfšãf³¼ã^ã,çã,¯ã,»ã,1ãfãã,1ãf^i¼%ã€◊12.0
ãf³ãf“ã,ãfšãf³ 1.2	2003ã¹7æœ^17æ—¥10:30 GMT	ã€œæœ€œæ’æ-°ã€œæ™,ã^»ã,’ã¿@æ£ã€ã,ã€œã¿žé◊ζç-ã€◊ã,»ã,¯ã,·ãfšãf³¼ã^ã,çã,¯ã,»ã,1ãfãã,1ãf^i¼%ã€◊12.0
ãf³ãf“ã,ãfšãf³ 1.3	2003ã¹7æœ^17æ—¥23:00 GMT	ã€œæ!è◊ã€◊ã,»ã,¯ã,·ãfšãf³ã◊«ã€œç%ã¹ã@šã◊@ãf—ãfãf
ãf³ãf“ã,ãfšãf³ 1.4	2003ã¹7æœ^18æ—¥10:00 GMT	ã€œæä,◊æ£ã^©ç”ã◊ã...-èjã€◊ã,»ã,¯ã,·ãfšãf³ã◊«æ-†ã,’è
Revision 1.5	2003ã¹7æœ^18æ—¥14:00 GMT	PIMãf—ãfã,»ã,¹ã◊«é-çã◊™ã,æf...ã±ã,’è¿½ãšã◊—ã€◊ã€œ
Revision 1.6	2003ã¹7æœ^18æ—¥21:00 GMT	iaclã◊šã,^ã◊³TACLãf%ã,ãf¥ãfjãf³ãf^ã◊,ã◊@ã°ã@šãfããf³ã
Revision 1.7	2003ã¹7æœ^21æ—¥05:00 GMT	ã€œæã¿žé◊ζç-ã€◊ã,»ã,¯ã,·ãfšãf³ã◊@ãt◊ãf·ã,©ãf¼ãfžãfãf
Revision 1.8	2003ã¹7æœ^22æ—¥14:38 GMT	11.1ã€◊11.1CCã€◊12.0ã€◊12.0Sã€◊12.0SPã€◊12.1ã€◊1
Revision 1.9	2003ã¹7æœ^22æ—¥23:15 GMT	ONS 15454 MLã,·ãf³ãf¼ã,°ã,«ãf¼ãf%ã◊@è©²ã½”è£½ã”ã◊@
Revision 1.10	2003ã¹7æœ^24æ—¥22:34 UTC(GMT)	11.1ã€◊11.3ã€◊11.3Tã€◊12.0Sã€◊12.0SLã€◊12.0W5ã€◊
Revision 1.11	2003ã¹7æœ^30æ—¥14:45 UTC(GMT)	11.1AAã€◊11.2ã€◊11.2Pã€◊12.0ã€◊12.1ã€◊12.1Eã€◊12
Revision 1.12	2003ã¹7æœ^31æ—¥15:45	11.2ã◊@ã^©ç”ã◊ã-èf½ã◊ã,½ãf·ãf^ã, ã,šã,çã¿@æ£ã,’æ’æ

	UTC(GMT)	
Revision 1.13	2003å¹8æœ²æ—¥01:00 UTC(GMT)	12.0TãŠă,^ã³12.1ECã®å^©ç””å-èf½ãªã,½ãf•ãf^ã, ã
Revision 1.14	2003å¹9æœ4æ—¥18:16 UTC(GMT)	12.0ãŠă,^ã³12.2ã®å^©ç””å-èf½ãªã,½ãf•ãf^ã, ã,šã,
Revision 1.15	2004å¹7æœ22æ—¥20:00 UTC(GMT)	ã€€è²å½“è£½å“ã€ã,»ã,ã,ãfšãf³ã®URLã®ç´æ€€

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ã³ãYã€ã,ã,ã,ãæœ-ãf%ã,ãfãf;ãfãf^ã®å†...å®¹ã,ã^ãŠăªã-ã«å%ææ´ã-ã€
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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。