

Cisco IOS ³ IOS XE

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ã,čãf%ãfã,ªã,¶ãfãf¼ID : cisco-sa-20180328-ike-dos
ã^ã...-é-ã—¥ : 2018-03-28 16:00
æœ€œ>æ°œ—¥ : 2022-12-15 22:19
ãfãf¼ã,ãfšãf³ 1.1 : Final
CVSSã,¹ã,³ã,ç : 8.6
ã>žé¿ç- : No workarounds available
Cisco ãfã,° ID : [CSCuj73916](#)

[CVE-2018-0159](#)

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DoS çš¶æ...ã€ãç™œç"ÿã™ã,ã«-èf½æ€šãã€ã,ã,šã¾ã™ã€,

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<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20180328-ike-dos>

ã"ã®ã,čãf%ãfã,ªã,¶ãfãf¼-ã€2018ã¹³æœ^28æ—¥ã«ã...-é-ã·ã,ã€ãÿCisco
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XEã,½ãf•ãf^ã,|ã,šã,čã®ã,»ã,ãfãfãf†ã,£ã,čãf%ãfã,ªã,¶ãfãf¼ãf³ãf%ãf«ã®ã,€éí"ãšã™ã

Publication

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ã“ã®è,,†á¼±æ€§ã~ã Cisco IOS ã,½ãf•ãf^ã,|ã,šã,çã¼ãÿã Cisco IOS XE ã,½ãf•ãf^ã,|ã,šã,çã®è,,†á¼±æ€§ã~ã™ã,ãfãfãf¼ã,1ã,á®ÿè;Cã—ã€Internet Security Association and Key Management

Protocoli¼^ISAKMPi¼%ã~ãæœ%ãš¹ã«ãªã£ã|ã,,ã,ã,ã,1ã,³ ãfãfã,ã,1ã«á½±éÿã,ã,Žã^ã¼ã™ã€,

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IKE ã~ãæœ-ã~ãçºã™ã•ã¼ã-ã¼ãª VPN ã,ã,ããf—ã,ã«ã,ã€ãããšããã®æ©ÿèf½ãšã½çç“ã•ã,ã¼ã™ã€,

- LAN é– VPN
- ãfãfçãf¼ãf^ã,çã,ã,,ã,¹ VPNi¼^SSL VPN ã,ã™ããi¼%
- Dynamic Multipoint VPNi¼^DMVPNi¼%
- FlexVPN
- Group Encrypted Transport VPNi¼^GET VPNi¼%

IKE ã~ãæœ%ãš¹ã~ã©ã†ã~ã®ççºèª

ãfãfã,ã,1ãš IKE ã~ãè“ã®šã•ã,ã~ã,ã,ã~ãççºèªã™ã,ã~ã«ã~ã€ç®;ççºè...ã~ã CLI ã~ã show ip sockets ã¼ãÿã~ show udp EXEC ã,³ãfžãf³ãf%ã,á½çç“ã—ã¼ã™ã€,UDP ãfãf¼ãf^ 500ã€UDP ãfãf¼ãf^ 848ã€UDP ãfãf¼ãf^ 4500ã€UDP ãfãf¼ãf^ 4848 ã®ã,,ãšã,ã~ããfãfãfã,ã,1ãšã,ãf¼ãf—ãf³ã•ã,ã~ã,ã,ã^ã~ããããã® IKE ãfã,±ãffãf^ã,ã†;ççºèª—ã~ã,ã¼ã™ã€,

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æ¬;ã®ä¼ã¬ã€UDP äfä¼äf^ 500 äŠã,^ã³ UDP äfä¼äf^ 4500 ä§ IKE
äfã,±äffäf^ã,â‡|ç†ã—ã|ã,,ã,äf†äfã,ã,¹ã§ã® show udp
ã,³äfžäf³äf%ã®â‡ãŠã,çºã—ã¼ã™ã€,ã"ã®äf†äfã,ã,¹ã§ã¬ã€IP
äfä¼äf,äf§äf³ 4i¼^IPv4i¼%ã¼ãYã¬ IP äfä¼äf,äf§äf³
6i¼^IPv6i¼%ã,ä½ç"ã—ã|ã,,ã¼ã™ã€,

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<#root>
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router#
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show udp
```

Proto	Remote	Port	Local	Port	In	Out	Stat	TTY	Output	IF
17	--listen--	192.168.130.21	500	0	0	100	1011	0		
17(v6)	--listen--	UNKNOWN	500	0	0	102	0011	0		
17	--listen--	192.168.130.21	4500	0	0	100	1011	0		
17(v6)	--listen--	UNKNOWN	4500	0	0	102	0011	0		

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.

router#

Cisco IOS ä,½äf•äf^ã,|ã,§ã,ç äfªäfªäf¼ã,¹ã®ã^ã~

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show version ä,³äfžäf³äf%ã,ä½ç"ã—ã€è;çºã•ã,CEã,ã,¹äftäf
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Cisco IOS ä,½äf•äf^ã,|ã,§ã,çã,â®Yè;CEã—ã|ã,,ã,ã'ã^ã€ã,ã,¹äftäf
äfä¼äf§äf¼ã«ã€Cisco Internetnetwork Operating System Softwareã€,ã,ã€Cisco IOS
Softwareã€ãªã©ã®äftã,ã,¹äf^ã€è;çºã•ã,CEã¼ã™ã€,äfä¼äf§äf¼ã«ã¬ã,ãfª
IOS

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äf†äfã,ã,¹ã§ã¬ã€show version

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æ¬;ã«ã€Cisco IOS ä,½äf•äf^ã,|ã,§ã,ç äfªäfªäf¼ã,¹ 15.5(2)T1
ã€ã®Yè;CEã•ã,CEã|ã,,ã|ã€ã,ãf³ã,¹äf^äf¼äf«ã•ã,CEã|ã,,ã,ã,ãfjãf¼ã,ãªã
C2951-UNIVERSALK9-M
ã§ã,ã,äf†äfã,ã,¹ã§ã®ã,³äfžäf³äf%ãªãŠã¼ã,çºã—ã¼ã™ã€,

```

```
<#root>
```

Router>

show version

Cisco IOS Software, C2951 Software (C2951-UNIVERSALK9-M), Version 15.5(2)T1, RELEASE SOFTWARE (fc1)
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<#root>

ios-xe-device#

show version

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