

DNSāf;āfĉāfāæž̄æ, †ā¼±æ€Sā «ā̄³ā —ā | ā̄ ā̄ “ā, Ąā, %ā̄ @è,, †ā¼±æ€Sā, 'è»½

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20150408-asa>

æ³¼š4æœ^8æ—Ÿā «āfāfāf¼ā, 1ā •ā, Ąā ÿ Cisco Security Advisory Cisco ASA FirePOWER Servicesā Šā, ^ā³Cisco ASA CX Crafted Packets Denial of Service Vulnerability(cisco-sa-20150408-cxpf)ā @è,, †ā¼±æ€Sā, èšfæ±°ā™ā, <ā «ā̄ ā̄ Cisco

ASAā, ½āf•āf^ā, |ā, šā, ĉāfāfāf¼ā, 1ā @ā, ĉāffāf—ā, °āf—āf¼āf%ā̄ Ąāž...è | ā̄ «ā̄ °ā, <ā 'ā ^ā Ąā Ąā

ASAā @ā Šā @ĉæš~ā ā̄ cisco-sa-20150408-

cxfpā, ĉĉ°èªā —ā | ā̄ <ā, %ā̄ €ā̄ @ā̄ @Cisco

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Cisco Security Advisory Cisco ASA FirePOWER Services and Cisco ASA CX Crafted Packets Denial of Service Vulnerabilityā̄ ā̄ æ¬;ā̄ @āfāf³ā, ā̄ <ā, %ā̄...Ÿæ%ā̄ šā̄ ā̄ ¾ā̄™ā̄ €,

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20150408-cxpf>

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æ¬;ā̄ @è£¼ā” ā̄ šā̄ ÿ;Ąā •ā, Ąā | ā̄, ā, <Cisco

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- Cisco ASA 5500 ā, āfāf¼ā, °é ©āžœāž<ā, »ā, āfāfāftā, £ ā, ĉāf—āfĉā, mā, ĉāf³ā, 1
- Cisco ASA 5500-X ā, āfāf¼ā, °æ¬;ā, —ā»£āf•ā, ;ā, mā, ĉā, lā, ©āf¼āf«
- Cisco Catalyst 6500ā, āfāf¼ā, °ā, 1ā, māffāf ā̄ Šā, ^ā³Cisco 7600ā, āfāf¼ā, °āf«āf¼ā, žĉ” Cisco ASAā, māf¼āf”ā, 1āfĉā, āfāf¼āf«
- Cisco ASA 1000V ā, āfĉā, lāf%ā f•ā, ;ā, mā, ĉā, lā, ©āf¼āf«
- Cisco é ©āžœāž<ā, »ā, āfāfāftā, £ā» @æf³ā, ĉāf—āfĉā, mā, ĉāf³ā, 1¼^ASAvi¼%

ā½±éŸžā, 'ā —ā 'ā, <Cisco

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è, †ā¼±æ€šā̄ @ā̄, ā, <è£¼ā”

Cisco

ASAāf•ā, šāf¼āf«ā, āf¼āf āf¼ā, ³āfžāf³āf%ā̄, māf³ā, ā, šā, ā, āfšāf³ā̄ @è,, †ā¼±æ€S

Cisco

ASAā, ½āf•āf^ā, |ā, šā, ĉā̄ ā̄ ā, ā, 1āftāf ā̄ Ąāf ā̄, mā, ĉāf™ā, māfĉāf”āfāfāftā, £āfĉāf¼āf%ā̄i¼^āf•ā, failover

ipseca©Ÿēf¼ā̄ Ąē” ā̄ @šā̄ •ā, Ąā | ā̄, ā, <ā 'ā ^ā̄ ā̄ “ā̄ @è,, †ā¼±æ€Sā @ā½±éŸžā, 'ā —ā

Cisco

```
ASA> show failover
ON
ASA>
```

```
ciscoasa# show failover
Failover On
[...]
```

failover

```
ipsec
show running-config failover | include ipsec
```

```
failover ipsec
ASA>
```

```
ciscoasa# show running-config failover | include ipsec
failover ipsec pre-shared-key *****
```

failover key

```
ASA>
```

failover

```
ipsec
```

Cisco ASA DNS

Cisco

```
ASA> show running-config dns server-group
DefaultDNS
```

```
DNS
```

show running-config dns server-group

```
server
```

```
server
```

◆ DNS◆ IP 192.168.1.1◆

◆ DefaultDNS◆
ASA◆,Cisco

```
ciscoasa# show running-config dns server-group
DNS server-group DefaultDNS
  name-server 192.168.1.1
```

◆ DNS name-
server◆

Cisco ASA VPN XML◆ DoSè, tã±æ€S

Cisco ASA◆ AnyConnect SSL

VPN◆ AnyConnect IKEv2

VPN◆ ASA◆,Cisco

◆ AnyConnect◆ AnyConnect IKEv2

VPN◆ show
running-config

webvpn◆ ASA◆

outside◆ Cisco
ASA◆,Cisco

```
ciscoasa# show running-config webvpn
webvpn
  enable outside
  [...]
```

◆ AnyConnect IKEv2

VPN◆ show
running-config crypto ikev2 | include enable◆ client-

services◆ outside◆ AnyConnect IKEv2 VPN◆ ASA◆,Cisco

ASA◆,Cisco

```
ciscoasa# show running-config crypto ikev2 | include enable
crypto ikev2 enable outside client-services port 443
```

æ³ï¼šSSL VPNãŠã,^ã³AnyConnect IKEv2
VPNæ©ÿèf½ã-ã€ãf†ãf•ã,©ãf«ãf^ãŠã-æœ%åš¹ã«ãªã£ã|ã,,ã¾ãã,ã€,

å®ÿè;CEã,ã®ã,½ãf•ãf^ã,|ã,šã,çãfãf¼ã,ãfšãf³ã®çç°èª

è,,†å¼±æ€šã®ã,ã,ãfãf¼ã,ãfšãf³ã® Cisco ASA
ã,½ãf•ãf^ã,|ã,šã,çãCEã,çãf—ãf©ã,ãã,çãf³ã,¹ãŠã®ÿè;CEã•ã,CEã|ã,,ã,ããã©ã†ãã,ã,
show version ã,³ãfzãf³ãf%ã,'ç™°è;CEã—ã¾ã™ã€,æ¬ã®ã¾ã-ã€Cisco
ASAã,½ãf•ãf^ã,|ã,šã,çãfãf¼ã,ãfšãf³9.2(1)ã,å®ÿè;CEã—ã|ã,,ã,ã,çãf—ãf©ã,ãã,çãf³ã,¹ã,'çã

```
ciscoasa#show version | include Version  
Cisco Adaptive Security Appliance Software Version 9.2(1)  
Device Manager Version 7.4(1)
```

Cisco Adaptive Security Device
Manager(ASDM)ã,'ã½çç"ã—ã|ãf†ãfã,ãã,¹ã,'ç®;ç†ã—ã|ã,,ã,ããšã®çæš~ã-ã€ãfã
ASDMã,|ã,£ãf³ãf%ã,|ã®ã·|ã,šés...ã«èj"çã°ã•ã,CEã,«èj"ãšã,½ãf•ãf^ã,|ã,šã,çãfãf¼ã,ãfšã

è,,†å¼±æ€šã,'ã«ã,"ãšã,,ãªã,,ã"ã"ã®çç°èªãã•ã,CEãÿè£½ã"

Cisco ASA FirePOWER ServicesãŠã,^ã³Cisco ASA Context-
Aware(CX)Servicesã-ã€ãã"ã®è,,†å¼±æ€šã®ã½±éÿã,å®—ã'ã¾ãã,ã€,

ã»-ã®ã,ã,¹ã,³è£½ã"ã«ãšã,,ã|ã"ã®ã,çãf%ããfã,ãã,¶ãfãã®ã½±éÿã,å®—ãã,ã,

è©³ç°

Ciscoé©åçœãžã,ãã,ãfããfããfã,£ã,çãf—ãf©ã,ãã,çãf³ã,¹(ASA)ã,½ãf•ãf^ã,|ã,šã,çã-ã€Cisco
ASA 5500ã,ãfããf¼ã,°é©åçœãžã,ãã,ãfããfããfã,£ã,çãf—ãf©ã,ãã,çãf³ã,¹ã€Cisco ASA 5500-
Xæ¬ã,ã»£ãf•ã,ãã,çã,|ã,©ãf¼ããf«ã€Cisco Catalyst
6500ã,ãfããf¼ã,°ã,¹ã,ããfããfãŠã,^ã³Cisco 7600ã,ãfããf¼ã,°ãf«ãf¼ã,çç" Cisco
ASAã,µãf¼ããf"ã,¹ãfçã,ãfããf¼ããf«(ASASM)ã€Cisco ASA
1000Vã,ãf©ã,|ãf%ããfã,ãã,çã,|ã,©ãf¼ããf«ã€ãŠã,^ã³Ciscoé©åçœãžã,ãã,ãfããfããfã,£ã»ã
ASAãfã,ããfããã-ã€ããfã,ãã,çã,|ã,©ãf¼ããf«ã¾ãµã...¥é²ã¾ã,ã,¹ãfããf (IPS)ã€ã,çãf³ããfã,

Cisco ASAããfã,šãf¼ããf«ã,ããf¼ããfãf¼ã,³ãfzãf³ãf%ãã,ããf³ã,ã,šã,ã,ãfšãf³ã®è,,†å¼±æ€š

Cisco ASAã,½ãf•ãf^ã,ãã,šã,çã® failover
ipsecæ©ÿèf½ã®è,,†å¼±æ€šãã«ã,^ã,šã€èªè°¼ããã,CEã|ã,,ãªãã,,és£æžãã™ã,«æ"»æ'fè

ã"ã®è,,t¼±æ€šã-ã€XMLãfãf¼ã,µãf¼è"ã®šã®¼ãCE-ãCEã,ããã^tãšã,ã,ãã"ã
SSL VPNã®šã,ã³AnyConnect IKEv2 VPNç"ã«è"ã®šãã,CEãYCisco
ASAã,çãf—ãf©ã,ã,çãf³ã,ã«ã½±éÿã,ã,ãŽã^ã¾ã™ã€ã»-ã®ã™ã¹ã|ã®VPNè"ã®šã

æ³I¼šã"ã®è,,t¼±æ€šã®ã,æ£ã^©ç"ã«ã½¿ç"ãšããã,ããã®ã-ã€è²ã½"ã,ã,ãftãf
ãfãf©ãfã,£ãffã,ã" IPv6
ãfãf©ãfã,£ãffã,ãšãfãfãã,-ãf¼ãã,CEã,ãã-èf½æ€šãCEãã,ã,šã¾ã™ã€,

ã"ã®è,,t¼±æ€šã-ã€Cisco Bug ID [CSCus95290](#)(
ç™»éCE²ãfãf¼ã,¶ã°,ç"ã"ã-ã|æ-æ,ãCE-ãã,CEã€CVE IDã"ã-ã|CVE-2015-
0677ãCEã%²ã,šã½"ã|ã,%ãã,CEã|ã,,ã¾ã™

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Cisco ASA Failover Command Injection Vulnerabilityãšã-ã€failover
keyæ©ÿèf½ã,'ã½¿ç"ã-ã|ãfã,šãf¼ãfãã,ãf¼ããfãf¼ã¿ãã,è"ã®šã-ã€failover
ipsecæ©ÿèf½ã,'ã%šé™ãã™ãã,ãã"ã"ãšã€ãã"ã®ã•é;CEã,ãžé¿çãšããã¾ã™ã€,ãf
failover key <key>ã,ãfžãf³ãf%ãã,'ã½¿ç"ã-ã¾ã™ã€,æ¬ãã®ã¾ã-ã€failover
ipsecæ©ÿèf½ã,'ã%šé™ãã-ã€ãã,ãf¼ã€ã cisco-keyã,'ã½¿ç"ã-ã|failover
keyæ©ÿèf½ã,è"ã®šã™ãã,æ-¹æ³ã,çããã-ã|ã,,ã¾ã™ã€,

```
ciscoasa(config)#no failover ipsec pre-shared-key  
ciscoasa(config)#failover key cisco-key
```

Cisco

ASAã®DNSãfãfãfãæžæ,ãã®è,,t¼±æ€šã«ã¾ã-ã|ã-ã€DNSã,µãf¼ããã,ããããf¼ãã
æ¬ãã®ã¾ã-ã€ãfãfãã,ããããfãã®DNSã,µãf¼ããã,ããããf¼ãã—(
DefaultDNS)ã®ãfããfãfãã,è"ã®šã,'0ã«è"ã®šã™ãã,æ-¹æ³ã,çããã-ã|ã,,ã¾ã™ã™

```
ciscoasa(config-dns-server-group)# DNS server-group DefaultDNS  
ciscoasa(config-dns-server-group)# retries 0
```

Cisco ASA VPN

XMLãfãf¼ã,µãf¼ã®DoSè,,t¼±æ€šã«ã¾ã™ãã,ãžé¿çã-ã-ã,ã,šã¾ã™ãã,ã€,

2 Cisco

ASA 5500-X Next Generation Firewall, 17.2(5.16) - Adaptive Security Appliance (ASA) Software

ASA 5500-X Next Generation Firewall, 17.2(5.16) - Adaptive Security Appliance (ASA) Software

Cisco ASA 5500-X Next Generation Firewall, 17.2(5.16) - Adaptive Security Appliance (ASA) Software
Center(Cisco.com) - Adaptive Security Appliance (ASA) Software
<http://www.cisco.com/cisco/software/navigator.html>

Cisco ASA 5500-X Next Generation Firewall, 17.2(5.16) - Adaptive Security Appliance (ASA) Software
ASA 5500-X Next Generation Firewall (Products) >
[Security] > [Firewalls] >
[Adaptive Security Appliances (ASA)] > [Cisco ASA 5500-X Next Generation Firewall] >
[Adaptive Security Appliance (ASA) Software]

Adaptive Security Appliance (ASA) Software

Cisco Catalyst 6500 Series ASA Services Module, 17.2(5.16) - Adaptive Security Appliance (ASA) Software
Cisco Catalyst 6500 Series ASA Services Module (Products) >
[Cisco Interfaces and Modules] >
[Cisco Services Modules] > [Cisco Catalyst 6500 Series / 7600 Series ASA Services Module] > [Adaptive Security Appliance (ASA Software)]

Adaptive Security Appliance (ASA) Software

Cisco ASA 1000V Cloud Firewall, 17.2(5.16) - Adaptive Security Appliance (ASA) Software
Cisco ASA 1000V Cloud Firewall (Products) >
[Security] > [Firewalls] >
[Adaptive Security Appliances (ASA)] > [Cisco ASA 1000V Cloud Firewall] >

Adaptive Security Appliance (ASA) Software

Cisco ASA 1000V Cloud Firewall, 17.2(5.16) - Adaptive Security Appliance (ASA) Software
> [Security] > [Firewalls] >

[é©åžã,»ã,ãfãfãfã,£ã,çf—ãfã,ã,çã³ã,¹(ASA)(Adaptive Security Appliances (ASA))] > [Ciscoé©åžã,»ã,ãfãfãfã,£ã»®æfã,çf—ãfã,ã,çã³ã,¹(ASAv)(Cisco Adaptive Security Virtual Appliance (ASAv))] >

[é©åžã,»ã,ãfãfãfã,£ã,çf—ãfã,ã,çã³ã,¹(ASA)ã,½ãf•ãfã,|ã,ã,ç(Adaptive Security Appliance (ASA Software))] ä«çš»ã•ã—ã¼ã™ã€,

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Cisco Product Security Incident Response

Teami¼^PSIRTi¼%ãšã-ã€æœ-ã,çãf%ãfã,ã,¶ã,¶ãfãã«è”~è¼%ã•ã,Çã|ã,,ã,«è,,tä¼±æ€šã

Cisco

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Cisco

ASAã®DNSãfãfãfãæžæ,ã®è,,tä¼±æ€šã-ã€ã,µãfãf¼ãfã,±ãf¼ã,ã®èš£æ±ã,ã«ç™

Cisco ASA VPN XMLãfãf¼ã,ãf¼ã®DoSè,,tä¼±æ€šã-ã€AECã®Oldrich

Valkæ°ãã«ã,ã£ã|ã,ã,ã,ãã«ã±ãšã•ã,Çã¼ã—ãÿã€,

URL

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翻訳について

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