

Cisco **High** CVE-2010-2819 CVE-2010-2818 CVE-2010-2821 CVE-2010-2820



High
CVE ID : cisco-sa-20100804-fwsm
Date : 2010-08-04 16:00
Version : Final
CVSS : 7.8
Workarounds : No Workarounds available
Cisco ID :

[CVE-2010-2819](#)
[CVE-2010-2818](#)
[CVE-2010-2821](#)
[CVE-2010-2820](#)

High Cisco Catalyst 6500, 7600, ASA, and Firepower Services Module (FWSM) Remote Denial of Service (DoS) Vulnerability

Summary

Cisco Catalyst 6500, 7600, ASA, and Firepower Services Module (FWSM) Remote Denial of Service (DoS) Vulnerability. The vulnerability is located in the SunRPC module of the FWSM. An attacker can exploit this vulnerability by sending a specially crafted request to the SunRPC module, which causes the device to crash. The vulnerability is present in versions 1.0 through 1.1.0. The CVSS score is 7.8. There are no workarounds available. The Cisco ID is cisco-sa-20100804-fwsm.

CVSS: 7.8 (High). No workarounds available. Cisco ID: cisco-sa-20100804-fwsm. <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20100804-fwsm>

Affected Products

Cisco ASA 5500 Series. Cisco Security Advisory: <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20100804-asa>

References

[Cisco Security Advisory: cisco-sa-20100804-asa](#)

Cisco Catalyst 6500, 7600

Module (FWSM)

FWSM

SunRPC, DoS

Cisco

FWSM

SunRPC

service-policy | include

sunrpc

```
<#root>
```

```
fwsM#
```

```
show service-policy | include sunrpc
```

```
Inspect: sunrpc , packet 0, drop 0, reset-drop 0
```

Y SunRPC

```
<#root>
```

```
class-map inspection_default
  match default-inspection-traffic
!
```

```
policy-map global_policy
  class inspection_default
  ...
```

```
inspect sunrpc
```

```
...
!
service-policy global_policy global
```

æ Cisco ASA

5500 ASA

5500 Security

Advisory

FWSM, Cisco

IOS, Cisco

Catalyst, show

module, Cisco

æ Cisco FWSM(WS-SVC-FWM-

1)æ, 1)æ, æ

<#root>

switch>

show module

Mod	Ports	Card Type	Model	Serial No.
1	16	SFM-capable 16 port 1000mb GBIC	WS-X6516-GBIC	SAL06334NS9
2	6	Firewall Module	WS-SVC-FWM-1	SAD10360485
3	8	Intrusion Detection System	WS-SVC-IDSM-2	SAD0932089Z
4	4	SLB Application Processor Complex	WS-X6066-SLB-APC	SAD093004BD
5	2	Supervisor Engine 720 (Active)	WS-SUP720-3B	SAL0934888E

Mod	MAC addresses	Hw	Fw	Sw	Status
1	0009.11e3.ade8 to 0009.11e3.adf7	5.1	6.3(1)	8.5(0.46)RFW	Ok
2	0018.ba41.5092 to 0018.ba41.5099	4.0	7.2(1)	3.2(2)10	Ok
3	0014.a90c.9956 to 0014.a90c.995d	5.0	7.2(1)	5.1(6)E1	Ok
4	0014.a90c.66e6 to 0014.a90c.66ed	1.7		4.2(3)	Ok
5	0013.c42e.7fe0 to 0013.c42e.7fe3	4.4	8.1(3)	12.2(18)SXF1	Ok

[...]

ææ, show module <slot

number>, ææ, ææ

<#root>

switch>

show module 2

Mod	Ports	Card Type	Model	Serial No.
2	6	Firewall Module	WS-SVC-FWM-1	SAD10360485

Mod	MAC addresses	Hw	Fw	Sw	Status
2	0018.ba41.5092 to 0018.ba41.5099	4.0	7.2(1)	3.2(2)10	Ok

[...]

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æ³I¼šCisco IOSã,½ãfãf^ã,|ã,šã,çã@æœ€è:ã@ãfãf¼ã,ãfšãf³ãšã-ã€show
moduleã,³ãfžãf³ãf%ã@ã†°ãšã«ã,,ãfçã,ãf¥ãf¼ãf«ã@ã,½ãfãf^ã,|ã,šã,çãfãf¼ã,ãfšãf³ã
module <slot number>ã,³ãfžãf³ãf%ã,'ã@ÿè;€ã™ã,ã¿...è|ã-ã,ã,šã¼ã>ã,"ã€,

ä>@æf³ã,1ã,ããffãfãf³ã,°ã,ã,1ãftãf (VSS)ã,'ã½¿ç""ã-ã|ã€2ã°ã@ç%çç†Cisco
Catalyst

6500ã,ãfãf¼ã,°ã,1ã,ããffãfã,1ããã@è«-ç†ã»@æf³ã,1ã,ããffãfããã-ã-ã|ã<ã½œããã
module switch

allã,³ãfžãf³ãf%ã,'ã½¿ç""ã-ã|ã€ã,1ã,ããffãfã1ããã,1ã,ããffãfã2ãã«ã±žã™ã,ãã™ã1ã
module <slot

number>ã@ã†°ãšã«ã¼¼ã|ã,,ã¼ã™ã€ã€VSSã†...ã@ã,,ã,1ã,ããffãfãã@ãfçã,ã

ã¼ããÿã-ã€æ-ãã@ã¼ã«çãã™ã,^ã†ã«ã€show
versionã,³ãfžãf³ãf%ã,'ã½¿ç""ã-ã|ãFWSMãã,ã,%ç'æžãfãf¼ã,ãfšãf³ãf...ã±ã,'ã-ã¼-ã

<#root>

FWSM>

show version

FWSM Firewall Version 3.2(2)10
[...]

Cisco Adaptive Security Device

Manager¼^ASDMi¼%ã,'ã½¿ç""ã-ã|ãfãfãã,ãã,1ã,'ç@;ç†ã-ã|ã,,ã,ã,ã'ã^ã-ã€ãfã
ã,|ã,£ãf³ãf%ã,|ã@è:"ã€ã¼ããÿã-ASDM
ã,|ã,£ãf³ãf%ã,|ã@ã·|ã,šã«ã,½ãfãf^ã,|ã,šã,çã@ãfãf¼ã,ãfšãf³ã€€è;"çãããã,€ã¼ã

FWSM Version: 3.2(2)10

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Cisco ASA

5500ã,ãfãf¼ã,°ã@ã¿œãžã,»ã,ãf¥ãfãftã,£ã,çãf-ãfãã,ãã,çãf³ã,1ã,'é™ãããã€ã-ã@ã,ã,1ã,

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Cisco

FWSM Cisco Catalyst 6500, Cisco

7600, Cisco Catalyst 6500, Cisco

SunRPC, Cisco

Cisco

FWSM SunRPC, Cisco

Cisco Bug ID

CSCte61710i, Cisco Bug ID

CSCte61662, Cisco Bug ID

Cisco Bug ID

Vulnerabilities and Exposures (CVE) ID

CVE-2010-2819, CVE-2010-2820

Cisco Bug ID

TCP, Cisco

FWSM

Cisco Bug ID

Cisco Bug ID

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FWSM, Cisco Bug ID

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Cisco Bug ID

SunRPCã,ããf³ã,¹ãfšã,ã,ãfšãf³ã®è,,†ã¼±æ€šã¬ã€ä,è|ãª'ã^¬SunRPCã,ããf³ã,¹ãfšã,ã
inspect

sunrpcã,³ãfžãf³ãf%ã,ç™è;Ēã™ã,ã"ã"ã«ã,^ã,šã€SunRPCã,ããf³ã,¹ãfšã,ã,ãfšãf³ã,ç,,jãš¹ã

TCP

DoSã®è,,†ã¼±æ€šã¬ã€ä;é¼ãšãã,ãfã,¹ãf^ãĒHTTPã€SSHã€ã¼ãŸã¬Telnet

<#root>

asa(config)#

http server enable

asa(config)#

http 192.168.1.0 255.255.255.0 inside

asa(config)#

telnet 192.168.1.0 255.255.255.0 inside

asa(config)#

ssh 192.168.1.0 255.255.255.0 inside

ãffãf^ãfã¼ã,¬ãt...ã® Cisco

ãfãfãã,ã,¹ã«ã°žã...Ÿãšããã,è;¼šãã®ç·ã'Ēãftã,¬ãfãffã,¬ã«ããã,,ã|ã¬ã€ã€ã

Cisco

éç"ã³ãžœç-é€Ÿã ±i¼^https://sec.cloudapps.cisco.com/security/center/content/CiscoAppliedM

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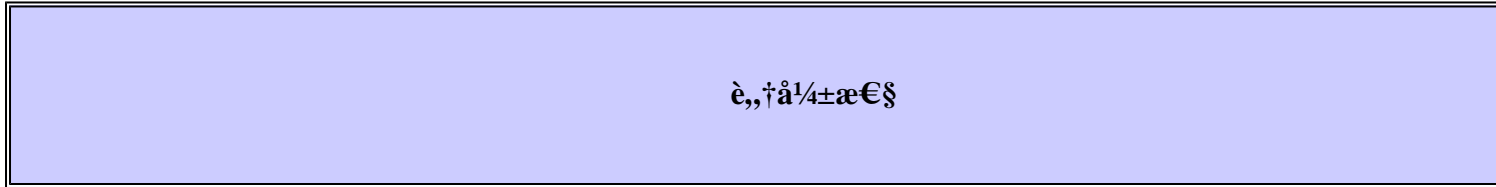
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Technical Assistance

Centeri¼TACi¼%ã¼ãŸã¬ãŸç',ã,ççãã,ãšãã,,ã,ãfãfãfãfãfšãf³ã,¹

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è,,†ã¼±æ€š

SunRPCã, ¢ãf³ã, ¹ãfšã, ¯ã, ·ãf§ãf³ã ©DoSè,, †ã¼±æ€§(CSCte61710ã€ CSCte61622ã€ã Šã, ^ã³CSCte

TCPã, ¢f¼ãf“ã, ¹æ<’ã |ã ©è,, †ã¼±æ€§(CSCtg68694)

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3.1	3.1(18)
3.2	3.2(18)
4.0	4.0(12)
4.1	4.1(2)

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翻訳について

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