

# Cisco ASA

5500, ·ãf<sup>a</sup>ãf<sup>1/4</sup>, °é♦©å¿œåž<ã, »ã, ãf¥ãf<sup>a</sup>ãftã, fã, c

## Catalyst

6500, ·ãf<sup>a</sup>ãf<sup>1/4</sup>, °ASAã, µãf<sup>1/4</sup>ãf<sup>"</sup>ã, <sup>1</sup>ãfcã, ãf¥ãf<sup>1/4</sup>ã



ã, çãf%oãf♦ã, nã, ¶ãfããf<sup>1/4</sup>ID : cisco-sa-20111005-asa

[CVE-2011-3304](#)

å^♦å...-é-<æ—¥ : 2011-10-05 16:00  
æœ€gæ>'æ—°æ—¥ : 2012-07-14 09:38

[CVE-2011-3300](#)

ãf♦ãf<sup>1/4</sup>ã, ãf§ãf<sup>3</sup> 1.2 : Final

[CVE-2011-3301](#)

CVSSã, <sup>1</sup>ã, <sup>3</sup>ã, c : [7.8](#)

[CVE-2011-3302](#)

å>žé♦¿ç- : No Workarounds available

[CVE-2011-3303](#)

Cisco ãf♦ã, ° ID : [CSCtq57697](#)

[CVE-2011-3304](#)

[CVE-2011-3305](#)

[CVE-2011-3298](#)

[CVE-2011-3299](#)

æ—¥æœ¬è³žã♦«ã, ^ã, <æf...å ±ã♦¬ã€♦è<±è³žã♦«ã, ^ã, <åŽÝæ-‡ã♦®é♦žå...¬å¼♦ã

æ!, è!♦

Cisco ASA 5500, ãf<sup>a</sup>ãf<sup>1/4</sup>, °é♦©å¿œåž<ã, »ã, ãf¥ãf<sup>a</sup>ãftã, fã, cãf—ãf@ã, nã, cãf<sup>3</sup>ã, <sup>1</sup>ã♦Šã, ^ã♦<sup>3</sup>Cisco Catalyst 6500, ·ãf<sup>a</sup>ãf<sup>1/4</sup>, °ASAã, µãf<sup>1/4</sup>ãf<sup>"</sup>ã, <sup>1</sup>ãfcã, ãf¥ãf<sup>1/4</sup>ãf<sup>"</sup>ã, ^ã€♦æ-;ã♦«çœ°ã♦™èœ‡æ•°ã♦®è,, †å¼±æ€§ã♦®å½±éÝ;ã, 'ã♦—ã♦'ã♦¾ã♦™ã€

- MSNã, nãf<sup>3</sup>ã, <sup>1</sup>ã, ïãf<sup>3</sup>ãf^ãfjäffã, »ãf<sup>3</sup>ã, ãf£ãf<sup>1/4</sup>(IM)ã, nãf<sup>3</sup>ã, <sup>1</sup>ãfšã, ^ã, ãf§ãf<sup>3</sup>ã♦«ã♦Šã♦'ã, <DoSè,, †å¼±æ€§
- TACACS+è^♦è °å½±æ€§ã, nãf<sup>3</sup>ã, <sup>1</sup>ã♦®è,, †å¼±æ€§
- SunRPCã, nãf<sup>3</sup>ã, <sup>1</sup>ãfšã, ^ã, ãf§ãf<sup>3</sup>ã♦«é-çã♦™ã, <DoSè,, †å¼±æ€§4ã»¶
- Internet Locator Service(ILS)ã, nãf<sup>3</sup>ã, <sup>1</sup>ãfšã, ^ã, ãf§ãf<sup>3</sup>ã♦«ã♦Šã♦'ã, <DoSè,, †å¼±æ€§

ã♦"ã, ®ã, %oã♦®è,, †å¼±æ€§ã♦¬ç<-ç«ã♦—ã♦'ã♦, ^ã♦¾ã♦™ã, ^ã♦, ^ã, <è,, †å¼±æ€§ã♦®å½±éÝ;ã, 'ã♦—ã♦'ã, <ãf<sup>a</sup>ãf<sup>1/4</sup>ã, <sup>1</sup>ã♦®æ€♦å,

ã, ®é"ã♦®è,, †å¼±æ€§ã♦«å¾ã♦™ã, <åžé♦¿ç-ã♦¬ã€♦ã♦"ã♦®ã, cãf%oãf♦ã, nã, ¶ãf<sup>a</sup>ã♦«è °~è1%oã♦•ã, ®ã, ^ã♦'ã, ^ã♦¾ã♦™ã, ^ã,

ã♦"ã♦®ã, cãf%oãf♦ã, nã, ¶ãf<sup>a</sup>ã♦¬ã€♦

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20111005-asa>

ã♦§å...¬é-<ã♦•ã, ®ã, ^ã♦'ã, ^ã♦¾ã♦™ã, ^ã,

æ³"åCisco Firewall Services

Module(FWSM)ã♦¬ã€♦TACACS+è^♦è °å½±æ€§ã, nãf<sup>3</sup>ã, <sup>1</sup>ã♦®è,, †å¼±æ€§ã♦SunRPCã, nãf<sup>3</sup>ã, <sup>1</sup>ãfšã, ^ã, ãf§ãf<sup>3</sup>ã♦®ã, µãf<sup>1/4</sup>ãf<sup>"</sup>ã, <sup>1</sup>æ<ã♦'ã, <(Do Security

Advisory # EAS-11-083-1, <http://www.cisco.com/warp/public/707/cisco-sa-20110831-fwsm.shtml> § 34.1, €,

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Cisco ASA 5500-<sup>a</sup>-af-a<sup>b</sup>/f<sup>c</sup> - Cisco Catalyst

è,,†å¼±æ€§ã®ã,ã,«è£½å”?

**MSN IM**ā,¤āf<sup>3</sup>ā,¹āfšā,-ā,-āf§āf<sup>3</sup>ā♦«ā♦Šā♦'ā,<DoSè,,†å¼±æ€§

<#root>

```
policy-map type inspect im MY-MSN-INSPECT  
parameters
```

```
match protocol msn-im
```

log

!

```
policy-map global_policy
```

```
class inspection_default  
    inspect im MY-MSN-INSPECT
```

TACACS+ è a ñ è " ¼ ã f ñ ã, ñ ã f' ã, ¹ ã ñ ® è „ t å ¼ ± æ € §

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5500·ã,·ã·f·ã/4·ã,·°e·@·ç·æ·z·ã,·»·ã,·ã·f·¥·ã·f·ã/ft·ã,·F·ã,·ç·ã·f—·ã·f·@·ç,·m·ã,·ç·ã·f·ã,·1ã◆·@·TACACS+·@·Y·è·F...·ã·f·<·ã·½±é·Y·;·ã·f·—·ã·f·¾·ã·f·™·ã·e,

<#root>

```
aaa-server my-tacacs-sever protocol tacacs+
```

```
aaa-server my-tacacs-server (inside) host 203.0.113.11
```

## SunRPCã,¤ãf³ã,¹ãfšã,¬ã,.ãf§ãf³ã♦«é-çã♦™ã,<DoSè,,†å¼±æ€§

Cisco ASA

5500ã,·ãf³ãf½ã,ºé♦©å¿œåž<ã,»ã,ãf¥ãf³ãf†ã,£ã,çãf—ãf©ã,¤ã,çãf³ã,¹ã♦®SunRPCã,¤ãf³ã,¹ãfšã,¬ã,.ãf§ãf³ãæ©Ýèf½ã♦«ã♦¬ã€♦4ã♦

SunRPCã,¤ãf³ã,¹ãfšã,¬ã,.ãf§ãf³ã♦¬ãf‡ãf•ã,©ãf«ãf^ã♦§æœ‰oåŠ¹ã♦«ã♦ã♦£ã♦|ã♦,,ã,<ã♦<ã♦<ã♦©ã♦†ã♦<ã,çC°è^ã♦ã♦™ã,ã♦«ã♦¬ã€♦show service-policy | include sunrpc

ã,³ãfžãf³ãf‰ã,¹ãfžãf³ã,¹ãfšã,¬ã,.ãf§ãf³ã♦Œæœ‰oåŠ¹ã♦«ã♦ã♦£ã♦|ã♦,,ã,<ã♦<ã♦<ã♦©ã♦†ã♦<ã,çC°è^ã♦ã♦™ã,ã♦«ã♦¬ã€♦show service-policy | include sunrpc

<#root>

ciscoasa#

show service-policy | include sunrpc

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

Cisco

ASAã♦§SunRPCã,¤ãf³ã,¹ãfšã,¬ã,.ãf§ãf³ã,æœ‰oåŠ¹ã♦«ã♦™ã,ã♦«ã♦¬ã€♦æ¬jã♦®è”å®šã,³ãfžãf³ãf‰ã,¹ã½ç””ã♦—ã♦³/4ã♦™ã

<#root>

```
class-map inspection_default
  match default-inspection-traffic
!
policy-map global_policy
  class inspection_default
  ...
  inspect sunrpc
  ...
!
service-policy global_policy global
```

## ILSã,¤ãf³ã,¹ãfšã,¬ã,.ãf§ãf³ã♦®DoSè,,†å¼±æ€§

DoSè,,†å¼±æ€§ã♦¬ã€♦Cisco ASA

5500ã,·ãf³ãf½ã,ºé♦©å¿œåž<ã,»ã,ãf¥ãf³ãf†ã,£ã,çãf—ãf©ã,¤ã,çãf³ã,¹ã♦®ILSã,¤ãf³ã,¹ãfšã,¬ã,.ãf§ãf³ãæ©Ýèf½ã♦«å½±éÝçã,¹ã,çZã♦^ã

ILSã,¤ãf³ã,¹ãfšã,¬ã,.ãf§ãf³ã♦¬ãf‡ãf•ã,©ãf«ãf^ã♦§ã♦¬æœ‰oåŠ¹ã♦«ã♦ã♦£ã♦|ã♦,,ã,<ã♦<ã♦<ã♦©ã♦†ã♦<ã,çC°è^ã♦ã♦™ã,ã♦«ã♦¬ã€♦show service-policy | include ils

ã,³ãfžãf³ãf‰ã,¹ã½ç””ã♦—ã♦|ã€♦æ¬jã♦®è”ã♦«ç¤°ã♦™ã,^ã♦†ã♦ã♦£ã♦|ã♦,,ã,<ã♦<ã♦<ã♦©ã♦†ã♦<ã,çC°è^ã♦ã♦™ã,ã♦«ã♦¬ã€♦show service-policy | include ils

<#root>

ciscoasa#

show service-policy | include ils

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

Cisco

```
ASA#SILSã,ãf3ã,1ãfšã,~ã,·ãfšãf3ã,'æœ‰ãš1ã«ã™ã,<ã«ã~ã€æ¬jã®è~ã®šã,3ãfžãf3ãf‰oã,'ä½ç"~ã—ã³ã™ã€,
```

```
<#root>
```

```
class-map inspection_default
  match default-inspection-traffic
!
policy-map global_policy
  class inspection_default
  ...
  inspect ils
  ...
!
service-policy global_policy global
```

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è,,†å½±æ€§ã♦®ã,ã,ãf♦ãf¼ã,ãfšãf3ã♦® Cisco ASA  
ã,½ãf•ãf^ã,|ã,§ã,çäf♦Œä,çäf—ãf©ã,¤ã,çäf3ã,1ã♦§ã®ÝèjŒä•ã,Œä♦|ã„ã,<ã«ã©ã♦†ã♦<ã,'çÝ¥ã,<ã«ã~ã€show  
version  
ã,3ãfžãf3ãf‰oã,'ç™°èjŒä—ã³ã™ã€,æ¬jã®ã¾ã~ã€♦ã,½ãf•ãf^ã,|ã,§ã,çäf♦ãf¼ã,ãfšãf38.4(1)ã,'å®ÝèjŒä—ã♦|ã„ã,<ã,ç  
ASA 5500ã,ãf♦ãf¼ã,ºé♦©å¿œåž<ã,»ã,ãf¥ãf¤ãftã,Fã,çäf—ãf©ã,¤ã,çäf3ã,1ã,'ç¤ºã—ã♦|ã„ã³ã™ã€,

```
<#root>
```

ASA#

```
show version | include Version
```

```
Cisco Adaptive Security Appliance Software Version 8.4(1)
Device Manager Version 6.4(1)
```

Cisco

```
ASDMä,'ä½ç"~ã—ã♦|ãf‡ãf♦ã,¤ã,1ã,'ç®jç♦†ã—ã♦|ã„ã,<ãŠã®çæ§~ã~ã€♦ãfã,¤ã,¤ãf3ã,|ã,¤ãf3ãf‰oã,|ã³ã™ãYã~Cis  
ASDMã,|ã,¤ãf3ãf‰oã,|ã♦@å'ã,Šéš...ã«èj"ç¤ºã♦•ã,Œä,«èj"ã♦§ã,½ãf•ãf^ã,|ã,§ã,çäf♦ãf¼ã,ãfšãf3ã,'ç¤ºã~ã♦§ã,ã³ã™ã
```

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Cisco

```
FWSMä,'é™¤ã♦ã€♦ä»-ã♦®ã,·ã,1ã,³èF½å"♦ã«ãŠã♦,,ã♦|ã"ã,Œä,%oã♦®è,,†å½±æ€§ã♦®å½±éÝã,'ã—ã♦'ã,<ã,ã♦®ã
```

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MSN IMā,¤āf<sup>3</sup>ā,¹āfšā,-ā,-āf§āf<sup>3</sup>ā«āŠā'ā,«DoSè,,†å¼±æ€§

DoSe, †½±æñSå—ä€Cisco ASA 5500A, äfæf½ä, °é®Cåðæäžå, »å, åñ¥äñåñftå, Få, Cäf—äf@å, nå, Cäñå, 1å®MSN  
IMå, pññå, 1äfå, —å, äfåñåñæ®Yèf½å «å½±æÝå, »å, Zå, »å ¾å™ä€, ä, æEå®Cç” å®æ^åñSå™å, <å, ”ä€Èå®

TACACS+ è ª ï è " ¼ ä f ï ä, ï ä f ï ä, ¹ ä ï ® è,, t å ¼ ± æ € §

Cisco

ã®“ã®®è„†å¼±æ€§ã®~ã€®Cisco Bug ID

**CSCto40365(C™>OE²** ţfáf%1ä,¶ä°,ç")ä° „ä°—ä° | æ—ƒæ,åŒ—ä•ä,Œä€CVE ID ä° „ä°—ä° | CVE-2011-3298äŒå‰%²ä, ä%1"ä° „ä°,‰ä,Œä° „ä° „ä°¾ä™ä°,

SunRPC,  $\alpha f^3\alpha$ ,  $\alpha f\bar{s}\bar{a}$ ,  $\bar{\alpha}$ ,  $\bar{\alpha}f\bar{s}\bar{a}f^3\alpha$  «é-çã™» DoSè,, †å¼±æ€§

Sun RPC,  $\text{af}^3$ ,  $\text{af}\text{s}$ ,  $\text{af}\text{f}$ ,  $\text{af}\text{f}\text{f}$ ,  $\text{af}^3$ ,  $\text{af}^3$ ,  $\text{af}^3$ , Sun

RPCã¢æ€¢Network File System(NFS)ã¢šã, ^ã¢³Network Information

Cisco ASA

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ã¢“ã,Œã,%oã¢®è,,†å¼±æ€§ã¢“ã€¢Cisco Bug ID

## 3301â€¢Sâ€¢,^â€¢³CVE-2011-3302

ILSā,¤āf³ā,¹āfšā,⁻ā,-āf§āf³ā♦®DoSè,,†å¼±æ€§

DoSè, †å¼±æ€§ã? – ã€? Cisco ASA

**æ**ǣ**í**¼**š**ã—“ã ◆**R**è„, †**í**¼**æ**€**š**ã◆—é**€**šé—ž**äf**—äf◦**ø**ä—, **E**äffä, —ä—“ä, ^ä—**E**ä—; ä—**R**ä—**ž**ä¼—ä—**ø**—ë**µ**—ä—“ä—“ä, **E**ä—¾**ä**—™ä—ä, **C**äf—äf◦**ø**ä—

“Cisco Bug ID

**CSCtq57697(C™»éŒ²afïä½å,ïäºç")å»"å»—å»|æ-#æ>,åŒ-å»•å,Œä€œCVE CVE CVE-2011-**

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å>žé◆?¿ç-

MSNā,¤af<sup>3</sup>ā,,¤af<sup>3</sup>āf~af|affā,»af<sup>3</sup>ā,¤af<sup>3</sup>āf<sup>1/4</sup>(IM)ā,¤af<sup>3</sup>ā,af<sup>3</sup>ā,,¤af<sup>3</sup>āf<sup>3</sup>ā¤«é-¤ã¤™¤,«DoSe¤,,¤af<sup>3</sup>āf<sup>3</sup>ā¤

MSN IMā,¤äf³ä,¹äfšä,-ä,.äf§äf³ä♦Œä,♦è|♦ä♦äå'å♦^ä♦-ä€♦MSN

IMÃ,¤ãƒ³ã,¹ãƒšã,¬ã,·ãƒšãƒ³ã,‘ç,,¡åŠíã»«ã™ã,«ã“ã”ãŒã§ã»ã¾ã™ã€,MSN

IMã,¤ãf³ã,¹ãfšã,¬ã,·ãfšãf³ã,'ç,¡åŠ¹ã?«ã?™ã,<ã? „ã€?MSN

IMÀf̄-ãf̄@-ã, Eãf̄f̄, -ã@CEã, »ã, ãf̄¥ãf̄@-ãf̄tã, f̄ã, Cãf̄-ãf̄@-ã, nã, Cãf̄ã, 1ã, 'éEšé-ãZã-—ã@-ã@-ã@-ã@-ã, *š*, »ã, "ã", "ã", CEã, ã, řã-¾ã@TM@-ã,

TACACS+ èäéè“¼äfää, ääfää, ¹ä®è,, †å¼±æ€§

## RADIUS Active

ILSā,¤āf³ā,¹āfšā,⁻ā,-āf§āf³ā♦®DoSè,,†å¼±æ€§

ä;®æ£æ, ^ã◊¿ã, ½ãƒ•ãƒ^ã, |ã, sã, ç

è„†å¼±æ€§	ãfjä.,ãf£ãf¼ ãfªãfªãf¼ã,1	
MSNä,¤ãf³ã,¹ã,¿ãf³ãf^ãf ãffã,»ãf³ã,ãf£ãf¼(IM)ã,¤ãf³ã,¹ãfšã,-ã,·ãf§ãf³ã♦«ã♦Šã♦'ã,<DoSè„†å¼±æ€§(CSCtl67486)	7.0	
	7.1	
	7.2	
	8.0	
	8.1	

	8.2	8
	8.3	8
	8.4	8
	8.5	8
TACACS+è™é”¼ãƒ¢ã,¤ãƒ“ã,¹ã¢®è„†å¼±æ€§(CSCto40365)	7.0	7
	7.1	é
	7.2	7
	8.0	8
	8.1	8
	8.2	8
	8.3	8
	8.4	8
	8.5	8
SunRPCã,¤ãƒ³ã,¹ãƒšã,¬ã,·ãƒ§ãƒ³ã¢«é–çã¢™ã, <dosè„†å¼±æ€§(cscto92380ã¢csctq06065ã¢csctq06062ã¢cscto92398)< td=""><td>7.0</td><td>7</td></dosè„†å¼±æ€§(cscto92380ã¢csctq06065ã¢csctq06062ã¢cscto92398)<>	7.0	7
	7.1	é
	7.2	7
	8.0	8
	8.1	é
	8.2	8
	8.3	8
	8.4	8

	8.5	8
	7.0	7
	7.1	6
	7.2	7
	8.0	8
IISā,¤āf³ā,¹āfšā,-ā,-āf§āf³ā◆®DoSè,,†å¼±æ€§(CSCtq57697)	8.1	8
	8.2	8
	8.3	8
	8.4	8
	8.5	8

## æŽ·å¥·äf¤äf¤äf¼ä,¹

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äfjä,äf£äf¼ äf¤äf¤äf¼ä,¹	æŽ·å¥·äf¤äf¤äf¼ä,¹
7.0	7.0ï¼^8.13ï¼%o
7.1	è,,†å¼±æ€§ä◆,ä,Šä€◆7.2(5.4)ä»¥é™◆ä◆«ç§»è;Œ
7.2	7.2ï¼^5.4ï¼%o
8.0	8.0ï¼^5.25ï¼%o
8.1	è,,†å¼±æ€§ä◆,ä,Šä€◆8.2ä»¥é™◆ä◆«ç§»è;Œ
8.2	8.2ï¼^5.13ï¼%o
8.3	8.3ï¼^2.25ï¼%o
8.4	8.4ï¼^2.8ï¼%o

8.5	8.5 $\frac{1}{4}$ ^ 1.1 $\frac{1}{4}$ %
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Cisco

ASA&#x2019;s &#x2019;f&#x2019; is &#x2019;f&#x2019; at &#x2019;f&#x2019;. <http://www.cisco.com/cisco/software/navigator.html?mdfid=279513386&flowid=22664>

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## URL

<https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20111005-asa>

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æ”¹è”, 1.2	2012å¹’7æœ^14æ—¥	å½±éŸ¿—æ¿‘ã, <è£½å“¿ã®ãfjã,¿ã,¿ã,°ã,’æ›’æ-°ã€,
æ”¹è”, 1.1	2011å¹’10æœ^5æ—¥	æŽ·å¥·ãfªãfªf¹¼ã,¹ã®è¡“ã,’æ›’æ-°ã€,
æ”¹è”, 1.0	2011å¹’10æœ^5æ—¥	å^¿å›žå...¬é-<ãfªãfªãf¹¼ã,¹

å^©ç”“è!◊?ç’„

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æœ¬ã,¢ãf‰oãf♦ã,¤ã,¶ãfªã♦®æf...å±ã♦Sã,^ã♦³ãfªãf³ã,—ã♦®ä½¿ç””ã♦«é-çã♦™ã,<è²¬ä»»ã♦®ä,€  
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## 翻訳について

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