

Cisco Catalyst 4500E Series Switch with Cisco Catalyst Supervisor Engine 7L-E Denial of Service Vulnerability

Advisory ID: cisco-sa-20120926-ecc

<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20120926-ecc>

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Revision 1.0

For Public Release 2012 September 26 16:00 UTC (GMT)

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Supervisor Engine 7L-E ã, 'æ è¼%œã —ã ÿ Catalyst 4500E

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<http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20120926-ecc>

September 9, 2012 26 Cisco IOS 15.0(2)XO Supervisor Engine 7L-E Catalyst 4500E
Cisco Security Advisory
Cisco IOS 15.0(2)XO Supervisor Engine 7L-E Catalyst 4500E
Cisco Unified Communications Manager
Cisco IOS 15.0(2)XO Supervisor Engine 7L-E Catalyst 4500E
Cisco IOS 15.0(2)XO Supervisor Engine 7L-E Catalyst 4500E
Cisco IOS 15.0(2)XO Supervisor Engine 7L-E Catalyst 4500E

Cisco Event Response:
Semi-Annual Cisco IOS Software Security Advisory Bundled
Publication

http://www.cisco.com/web/about/security/intelligence/Cisco_ERP_sep12.html

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Cisco IOS XE 15.0(2)XO Supervisor Engine 7L-E Catalyst 4500E
Cisco IOS XE 15.0(2)XO Supervisor Engine 7L-E Catalyst 4500E
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Cisco IOS XE 15.0(2)XO Supervisor Engine 7L-E Catalyst 4500E

<#root>

switch#show module
Chassis Type : WS-C4507R+E

Power consumed by backplane : 40 Watts

Mod	Ports	Card Type	Model	Serial No.
4	6			

Sup 7L-E 10GE

(SFP+), 1000BaseX (SFP) WS-X45-SUP7L-E
5 48 10/100/1000BaseT (RJ45)

CAT1532L4ZA
WS-X4448-GB-RJ45

JAB023456A

```
~# show version
Cisco IOS Software, IOS-XE Software, IOS-XE Software, Catalyst 4500 L3 Switch Software (cat4500e-universal.SPA.03.02.00.XO)
Copyright (c) 1986-2011 by Cisco Systems, Inc.
Compiled Thu 22-Sep-11 19:53 by prod_rel_team

System returned to ROM by reload
System image file is "bootflash:/cat4500e-universal.SPA.03.02.00.XO.150-2.bin"
Last reload reason: Reload command

License Information for 'WS-X45-SUP7L-E'

License Level: lanbase Type: Default. No valid license found.
```

```
Supervisor Engine 7L-E Catalyst 4500E 3.2(1)BX
IOS XE 3.2(1)BX
IOS XE Software, IOS-XE Software, Catalyst 4500 L3 Switch Software (cat4500e-universal.SPA.03.02.00.XO)
Copyright (c) 1986-2011 by Cisco Systems, Inc.
Compiled Thu 22-Sep-11 19:53 by prod_rel_team
```

<#root>

```
Catalyst_4500#show version
Cisco IOS Software, IOS-XE Software, Catalyst 4500 L3 Switch Software (cat4500e-universal.SPA.03.02.00.XO)
```

03.02.00.XO

```
RELEASE SOFTWARE (fc2)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2011 by Cisco Systems, Inc.
Compiled Thu 22-Sep-11 19:53 by prod_rel_team
```

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```
System returned to ROM by reload
System image file is "bootflash:/cat4500e-universal.SPA.03.02.00.XO.150-2.bin"
```

150-2.XO

```
.bin"
Last reload reason: Reload command
```

License Information for '

WS-X45-SUP7L-E

```
'
License Level: lanbase Type: Default. No valid license found.
```


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<http://www.cisco.com/web/about/security/intelligence/cvss-qandas.html>

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CVSS è^ç®—ăf,,ăf¼ăf«ă,'æ-;ă®ăfªăf³ă, -ãšæ»»ă¾ã—ã|ã,,ã¾ã™ã€,

<http://tools.cisco.com/security/center/cvssCalculator.x/>

CSCty88456 - Catalyst 4500E series switch with Supervisor Engine 7L-E Denial of Service Vulnerability					
Calculate the environmental score of					
CVSS Base Score - 7.8					
Access Vector	Access Complexity	Authentication	Confidentiality Impact	Integrity Impact	Availability Impact
Network	Low	None	None	None	Complete
CVSS Temporal Score - 6.4					
Exploitability		Remediation Level		Report Confidence	
Functional		Official-Fix		Confirmed	

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3.2.xSG	Not vulnerable	3.2.5SG
3.2.xXO	Vulnerable; migrate to 3.3.0SG or later.	Vulnerable; migrate to 3.3.1SG or later.
3.3.xS	Not vulnerable	Vulnerable; migrate to 3.6.0S or later.
3.3.x.SG	Not vulnerable	3.3.1SG
3.4.xS	Not vulnerable	Vulnerable; migrate to 3.6.0S or later.
3.5.xS	Not vulnerable	Vulnerable; migrate to 3.6.0S or later.
3.6.xS	Not vulnerable	Not vulnerable
3.7.xS	Not vulnerable	Not vulnerable

Cisco IOS XE 3.2.xSG, 3.2.xXO, 3.3.xS, 3.3.x.SG, 3.4.xS, 3.5.xS, 3.6.xS, 3.7.xS
 Cisco IOS XE 3.2.xSG, 3.2.xXO, 3.3.xS, 3.3.x.SG, 3.4.xS, 3.5.xS, 3.6.xS, 3.7.xS
[Cisco IOS XE 2 Release Notes](#), [Cisco IOS XE 3S Release Notes](#), [Cisco IOS XE 3SG Release Notes](#),
 3.2.xSG, 3.2.xXO, 3.3.xS, 3.3.x.SG, 3.4.xS, 3.5.xS, 3.6.xS, 3.7.xS

Cisco IOS XR 3.2.xSG, 3.2.xXO, 3.3.xS, 3.3.x.SG, 3.4.xS, 3.5.xS, 3.6.xS, 3.7.xS

Cisco IOS XR

3.2.xSG, 3.2.xXO, 3.3.xS, 3.3.x.SG, 3.4.xS, 3.5.xS, 3.6.xS, 3.7.xS

3.2.xSG, 3.2.xXO, 3.3.xS, 3.3.x.SG, 3.4.xS, 3.5.xS, 3.6.xS, 3.7.xS

3.2.xSG, 3.2.xXO, 3.3.xS, 3.3.x.SG, 3.4.xS, 3.5.xS, 3.6.xS, 3.7.xS
 Listi^4^PACLI^4^%00a^4^ VLAN Access Control
 Listi^4^VACL^4^%00a^4^,^4^z^4^c^4^-^4^a^4^,^4^S^4^a^4^,^4^a^4^,Port Access Control

3.2.xSG, 3.2.xXO, 3.3.xS, 3.3.x.SG, 3.4.xS, 3.5.xS, 3.6.xS, 3.7.xS

3.2.xSG, 3.2.xXO, 3.3.xS, 3.3.x.SG, 3.4.xS, 3.5.xS, 3.6.xS, 3.7.xS
 3.2.xSG, 3.2.xXO, 3.3.xS, 3.3.x.SG, 3.4.xS, 3.5.xS, 3.6.xS, 3.7.xS
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 3.2.xSG, 3.2.xXO, 3.3.xS, 3.3.x.SG, 3.4.xS, 3.5.xS, 3.6.xS, 3.7.xS
<http://www.cisco.com/en/US/docs/general/warranty/English/EU1KEN.html>

3.2.xSG, 3.2.xXO, 3.3.xS, 3.3.x.SG, 3.4.xS, 3.5.xS, 3.6.xS, 3.7.xS

3.2.xSG, 3.2.xXO, 3.3.xS, 3.3.x.SG, 3.4.xS, 3.5.xS, 3.6.xS, 3.7.xS

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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。