

Cisco

IOS, 1/2 af af a, |a, sa, ca @ IP, maf 1/4 af a, 1 af af TM a



af af % af a, ma, | af af ID : cisco-sa-20110928-ipsla

[CVE-2011-3272](#)

af a... -e - ca - Y : 2011-09-28 16:00

ae e qae > ae - ae - Y : 2012-09-21 19:19

af af 1/4 a, af sa 2.1 : Final

CVSS a, 1a, 3a, c : [7.8](#)

af ze zc - : No Workarounds available

Cisco af a, ID : [CSCtk67073](#)

ae - Yae - e a za « a, ^ a, ca f... a ± a - a e e e a za « a, ^ a, ca Z Yae - fa @ e za... - a 1/4 a

ae i, e i

Cisco IOS @ IP, maf 1/4 af a, 1 af af TM af a Y c' (IP

SLA) ae e f 1/2 a « a - a e a, maf 1/4 af a, 1 ae a | (DoS) a e, ta 1/4 ae e sa e a « a 3/4 a, ce a | a, a 3/4 IP

SLA ae a 1/2 ae a 3/4 a Y a - UDP af - a, 1 af af af af af af 1/4 af a « a - a 1/2 zc a a, ce a 3/4 a a, a e,

a, a, 1a, 3a a a e e, ta 1/4 ae e sa e a « a 3/4 a | a TM a, ca, 1/2 af af a, | a, sa, ca, ca f af - af af 1/4 af a, af af af

a a @ a, ca f % af a, ma, | af af a a e <https://sec.cloudapps.cisco.com/security/center/content/CiscoSecurityAdvisory-20110928-ipsla> a sa... - e - a a, ce a | a, a 3/4 a TM a e,

ae i 1/4 sa 2011 a 1 9 ae e ^ 28 ae - Y a @ Cisco

IOS a, 1/2 af af a, | a, sa, ca, » a, af af af ta, E a, ca f % af a, ma, | af af af af % af a... - e - a « a - a e 10 a » Security

Advisory a e a « a 3/4 a, ce a | a, a 3/4 a TM a e, 9 a ma @ a, ca f % af a, ma, | af af a - Cisco

IOS a, 1/2 af af a, | a, sa, ca e, ta 1/4 ae e sa e a « a 3/4 a | a - a e 1 a ma @ a, ca f % af a, ma, | af af a - Cisco Unified Communications

Manager a e, ta 1/4 ae e sa e a « a 3/4 a | a - a 3/4 a TM a e, a, ca f % af a, ma, | af af a « a - a e a a »

IOS a, 1/2 af af a, | a, sa, ca f af af af 1/4 a, 1 a a e 2011 a 1 9 ae e a @ af af af % af a « a... - e - a « a « a 3/4 a, C

IOS a, 1/2 af af a, | a, sa, ca f af af af 1/4 a, 1 a e e e 1/4 % a a, ce a | a, a 3/4 a TM a e,

a e a e... @ a... - e - af af a, a - a e ae - ja @ af af a, a @ a e Cisco Event Response:

Semiannual Cisco IOS Software Security Advisory Bundled

Publication a e a « a, a, sa 3/4 a TM a e,

è©²å½“è£½å”

è,†å¼±æ€šã®ã,ã,è£½å”

Cisco IOSã,½åf•åf^ã,lä,šã,çã,â@ÿè;CEã—ã|ã,,ã,ã,ã,¹ã,³åf†åfã,åã,¹ã-ã€IP
SLAã«å³ã—ã|è”å®šã•ã,CEã|ã,,ã,ã,å'å^ã«è,,†å¼±æ€šãCEã~åœ”ã—ã³ã™
SLAå•ã½œã®åf-ã,¹åfãåf³åfã³ããÿãç™°ã¿ã'ã”ã—ã|è”å®šã•ã,CEã³ã™ã

ã,ã,¹ã,³è£½å”ãã§ç¼åfã—ã|ã,,ã, Cisco IOSã,½åf•åf^ã,|ã,šã,ç
åfåfåf¼ã,¹ã,çç°èãã™ã,ã«ã-ãåf†åfã,åã,¹ã«åfã,°ã,ååf³ã—ã| show
versionã,³åfžåf³åf%ã,â½;ã£ã|ã€ã,ã,¹åf†åf
åfåfšåf¼ã,è;ç°ã—ã³ã™ã€,"Internetwork Operating System Software"ã€"Cisco
IOS Software"ã,ã,ã,ã-ã"ã,CEã,%ã«é¿ã¼ã™ã,ã,ã,¹åf†åf
åfåfšåf¼ã«ã,^ã£ã|åf†åfã,åã,¹ã§ Cisco IOS
ã,½åf•åf^ã,|ã,šã,çãç¼åfã—ã|ã,,ã,ã"ã”ã,çç°èããšãã³ã™ã€,
ããã®å¼CEã,ã«ã,ååf¼ã,åããCEæ¬¼¼šã®é-“ã«è;ç°ã•ã,CEãç¶šã,,ã|
"Version"ã” Cisco IOSã,½åf•åf^ã,|ã,ã,ç
åfåfåf¼ã,¹ããCEè;ç°ã•ã,CEã³ã™ã€,ã»-ã®ã,ã,¹ã,³
åf†åfã,åã,¹ãšã-ã€show version
ã,³åfžåf³åf%ãCEã~åœ”ã—ãåããå£ãÿã,šã€ã^ãã®å†åšãCEè;ç°ã•ã,CEãÿã

æ¬¼ã®ã¼ã-ã€Cisco
IOSã,½åf•åf^ã,|ã,šã,çã,ååf¼ã,ãçç¼åfã—ã|ã,,ã,ãåf†åfã,åã,¹ãã,ã,%ã®å†åšã

<#root>

Router>

show version

Cisco IOS Software, C3900 Software (C3900-UNIVERSALK9-M), Version 15.0(1)M1, RELEASE SOFTWARE (fc1)
Technical Support: <http://www.cisco.com/techsupport>
Copyright (c) 1986-2009 by Cisco Systems, Inc.
Compiled Wed 02-Dec-09 17:17 by prod_rel_team

!--- output truncated

æ¬;ã@ä¼ã¬ã€IP SLA

UDPã,¨ã,³ãf¼ãŠã,^ã³UDPã,ãffã,¿ãf—ãfãf¼ãf-ç""ã«è¨ãšã•ã,ĀãŸé€ä¿;ã...fãfãfã,ãã,

```
ip sla 201
  udp-echo 192.168.134.21 201
ip sla schedule 201 start-time now
```

```
ip sla 301
  udp-jitter 192.168.134.121 122
ip sla schedule 301 start-time now
```

ãf—ãfãf¼ãf-ã@ã®>ã...^UDPãfãf¼ãf^ã,'è¨ãšã™ã,ã¿...è|ãĀã,ã,Šã¼ã™ã€,é€ä¿;ã...

IP

SLAãf—ãfãf¼ãf-ã¬ã€ç°;æ~"ãfãffãf^ãfãf¼ã,¬ç®;ç†ãf—ãfãf^ã,³ãf«(SNMP)ã,'ã½¿ç""ã—ã

running-config,³ãfžãf³ãf%ã®ã‡°ãŠ>ã«ã¬IP

SLAãf—ãfãf¼ãf-è¨ãšã¬ã«ã¼ã,Āã¼ã>ã,"ã€,show ip sla

configuration,³ãfžãf³ãf%ã,'ã½¿ç""ã™ã,ã¬ã€ãf—ãfãf¼ãf-ãĀã,³ãfžãf³ãf%ãf©ã,ããf³ã¼ãŸ

<#root>

Router#

```
show ip sla configuration | include operation
```

Type of operation to perform: udp-jitter

ã>žé¿ç-

ã"ã®è,,†ã¼±æ€šã«ã¼ã™ã,ã>žé¿ç-ã¬ã,ã,Šã¼ã>ã,"ãĀã€ã,€è¬çš,,ãªIP

SLAãf-ã,¹ãfãf³ãf€ã«ãžã...¥ã—ã|ã€ãã"ã®è,,†ã¼±æ€šã®ã½±éŸ¿ã,'è»½æ,ã™ã,ã¼

ã,€è¬çš,,ãªIP SLAãf-ã,¹ãfãf³ãf€ã®ç·©ã'Āç-

General

Responderã¬ã—ã|è¨ãšã•ã,Āã|ã,,ã,ãfãfãfã,ãã,¹ã®ã'ã¬ã€è,,†ã¼±æ€šã®ã,ã

SLAã^¶ã¼;ãfã,±ãffãf^ã,'ã^¶é™ã—ã|ã€æ,ªç""ã•ã,Āã,ã¬èf½æ€šã®ã,ã,«UDPãfãf¼

General

Responderã¬ã—ã|è¨ãšã•ã,Āã|ã,,ã,ãfãfãfã,ãã,¹ã«ããã,,ã|ã¬ã€ãfãffãf^ã

amb-20110928-ipsla)ãšã,ç...šãšã¼ã™ã€.

15.1MR	è,,†â¼±æ€§ã™ã—
15.1S	15.1(2) Cisco IOS XEãf†ãf™ã,ªã,¹¼šã€€Cisco IOS XEã.½ãf•ãf^ã,lä,šã,çã™ã,Çãf™ã,ªãf©ãf"ãfãftã,£ã€ã,ã,ç...šã—
15.1T	15.1(1)T3 15.1(2)T4 15.1(3)T2
15.1XB	è,,†â¼±æ€§ã™ã,ã,šã€€,æœ€ã^™ã™ãž®æ£ã™ãfããfãf¼ã.¹5.1T
ã½±éÿ;ã,'ã—ã™ã, < 15.2 ãf™ãf¼ã,¹ã™ãfããfãf¼ã,¹	First Fixed Release¹¼^ãž®æ£ã™ã,CEã™ãæœ€ã^™ã™ãfããfãf¼ã,¹
è©²ã½“ã™ã, < 15.2ãf™ãf¼ã,¹ã™ãfããfãf¼ã,¹ã™ã—ã™ã,ã,šã™ã¾ã™ã,“	

Cisco IOS XE ã,½ãf•ãf^ã,lä,šã,ç

Cisco IOS

XEã,½ãf•ãf^ã,lä,šã,çã™ã—ã€ã™ã”ã™ãf%ãã,ãf¥ãfjãf³ãf^ãšèª-æ~žã™ã,CEã™ã|ã™ã,ã,è,,†â¼±æ€§ã™ã—

Cisco IOS XEãfãfãf¼ã,¹	First Fixed Release¹¼^ãž®æ£ã™ã,CEã™ãæœ€ã^™ã™ãfããfãf¼ã,¹¼%ã	2011ã¹'9æœ€ã™ã™ãfããfãf¼ã,¹¼%ã
2.1.x	è,,†â¼±æ€§ã™ã,ã,šã€€3.3.2Sã»¥é™ã™ã™ã«çš»èj€	è,,†â¼±æ€§ã™ã,ã,šã€€
2.2.x	è,,†â¼±æ€§ã™ã,ã,šã€€3.3.2Sã»¥é™ã™ã™ã«çš»èj€	è,,†â¼±æ€§ã™ã,ã,šã€€
2.3.x	è,,†â¼±æ€§ã™ã,ã,šã€€3.3.2Sã»¥é™ã™ã™ã«çš»èj€	è,,†â¼±æ€§ã™ã,ã,šã€€

æ''¹è'',å±Yæ'

ãf³ãf"ã,ãf§ãf³ 1.2	2011å¹¹0æœ^10æ—Y	[Details]ã,»ã,ãf§ãf³ã Sã€ä,æfãªIP SLAãfã,±ãffãfã,æ~Žçç°ã«ã—ã¾ã™ã€,
ãf³ãf"ã,ãf§ãf³ 1.1	2011å¹¹0æœ^7æ—Y	è©³ç°ã,»ã,ãf§ãf³ã®show running- configã,³ãfžãf³ãf%ã®èj"è"ã,æ'æ-°
ãf³ãf"ã,ãf§ãf³ 1.0	2011å¹¹9æœ^28æ—Y	å^ç%ãf³ãf³ãf¼ã,¹

å^©ç''è!ç',,

æœ-ã,çãf%ãfã,ã,ã,¶ãfãç,,jäçè"¼ã®ã,,ã®ã"ã—ã|ã"æä¾ã—ã|ãŠã,Šã€
æœ-ã,çãf%ãfã,ã,ã,¶ãfãç®æf...å±ãŠã,^ã³ãf³ãfã,ã®ã½ç"'ã«é-çã™ã,«è²-ã»ã®ã,€
ã¾ãYã€ã,ã,¹ã,³ãæœ-ãf%ã,ãfãfjãf³ãfã®ãå†...å®¹ã,'ã°ã'Sãªã—ã«ã%æ'ã—ã
æœ-ã,çãf%ãfã,ã,ã,¶ãfãç®è"è:°å†...å®¹ã«é-çã—ã|æf...å±é...äçjã® URL
ã,'çœçç¥ã—ã€ã~ç<-ã®è»çè¼%ã,,æ,,è"³ã,æ-½ã—ãYã'ã^ã€ã½"ç¾¾ãÇç®jç
ã"ã®ãf%ã,ãfãfjãf³ãfã®æf...å±ãæã,ã,¹ã,³è£½ã"ã®ã,"ãf³ãf%ãf!ãf¼ã,¶ã,ã³¾è±jã

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。