

[fw-wiz] Cisco PIX-520

Source: <http://www.derkeiler.com/Mailing-Lists/Firewall-Wizards/2006-02/msg00047.html>

- *From:* "Scott Geer" <scott@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 2 Feb 2006 07:20:00 -0800
-

Hello,

My company recently purchased a Cisco PIX-520. I am unfamiliar with these machines. During the boot process I get the following message. I am not sure what the issue is. Is it the Flash Card (the bios lists it as obsolete)? Is it the PIX software, could an update be needed?

The flash card is P/N 86997. It appears that it is 2MB.

Thank you in advance,

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Cisco PIX Firewall

Cisco PIX Firewall Version 6.3(4)

Licensed connections: 128

open(ffsdev/2/read) failed

An internal error occurred. Specifically, a programming assertion was violated. Copy the error message exactly as it appears, and get the output of the show version command and the contents of the configuration file. Then call your technical support represen

assertion "fdf_init()" failed: file "pix_init.c", line 81

snap_dump_to_flash(): Unable to write crash to flash.

No thread name

Traceback:

0: 004d5c2d

1: 002f4787

2: 002fa72a

3: 001006a0

4: 001000ae

vector 0x00000003 (breakpoint)

edi 0x002f4664

esi 0x00000051

ebp 0x0009fee8

esp 0x0009fedc

ebx 0x002f466f

edx 0x000003fd

ecx 0x0000000a

eax 0x0000003a

error code n/a

eip 0x004d953c

cs 0x00000008

eflags 0x00000046

CR2 0x00000000

Stack dump: base:0x0009fe5c size:64, active:64

0x0009ff5c: 0xffffffff

0x0009ff58: 0x00a65930

0x0009ff54: 0x00a658ac

0x0009ff50: 0x00738224

0x0009ff4c: 0x004d586e

0x0009ff48: 0x07fd3000

0x0009ff44: 0x07fd7000

0x0009ff40: 0x00524a5c

0x0009ff3c: 0x002fa72a

0x0009ff38: 0x0009ffc8

0x0009ff34: 0x00000000

0x0009ff30: 0x00000003

0x0009ff2c: 0x002f476f

0x0009ff28: 0x002f4664

0x0009ff24: 0x00000051

0x0009ff20: 0x002f466f

0x0009ff1c: 0x002f4787

0x0009ff18: 0x0009ff38

0x0009ff14: 0x0056

0x0009ff10: 0x6165722f

0x0009ff0c: 0x32

0x0009ff08: 0x07fd3000

Bootin

0x0009ff04: 0x07fd7000

Loading from Flash

0x0009ff00: 0x08000000#####

0x0009fefc: 0x00000051#####

0x0009fef8: 0x002f466f

0x0009fef4: 0x002f4664

###

0x0009fef0: 0x004d5bc0#####

0x0009feec: 0x004d5c2dM

mcwa i82559

0x0009fee8: 0x0009ff18C: 00d0.b713.c973

0x0009fee4: 0x00000046

0x0009fee0: 0x00000008at irq 10 MAC: 00d0.b

0x0009fedc: 0x004d953c *

0x0009fed8: 0x0000003aEthernet at irq 5 MA

0x0009fed4: 0x0000000a

0x0009fed0: 0x0000003fd

Flash=AT29C040A @ 0x3

0x0009fecc: 0x002f466f

Obsolete FLASH car

0x0009fec8: 0x0009fedcSee release notes for

0x0009fec4: 0x0009fee8

0x0009fec0: 0x00000051

0x0009fdbc: 0x002f4664-----

0x0009feb8: 0x00000003-----

0x0009feb4: 0x00104f21

0x0009feb0: 0x0

0x0009fe94: 0x002f466f||||:..:||||:..

0x0009fe90: 0x0009fedc

0x0009fe8c: 0x0009fee8 c i s c o S y s t e

0x0009fe88: 0x00000051

0x0009fe84: 0x002f4664 Private Inter

0x0009fe80: 0x00000003

0x0009fe7c: 0x0009fe80-----

0x0009fe78: 0x0009fea8-----

0x0009fe74: 0x0000000a

0x0009fe70: 0x002f4664

0x0009fe6c: 0x00000051all

0x0009fe68: 0x002f466f

Cisco PIX Firewall V

0x0009fe64: 0x2c737261

0x0009fe60: 0x001000ae: 128

Cisco PIX Firewall Version 6.3(4)d

Compiled on Fri 02-Jul-04 00

output of the show ver

0: ethernet0: address is 0000.0000.0000, irq 11n

1: ethernet1: address is 0000.0000.0000, irq 10 technical support representative.

2: ethernet2: address is 0000.0000.0000, irq 5ertion "fdf_init()" failed: file "pix_i

Licensed connections: 128

Serial Number: 18023631 (0x11304cf)nable to write crash to flash.

Running Activation Key: 0x1aca09ee 0x3c2f8123 0x27734331 0xb640e4e5

Traceback:

0: 004d5c2d

1: 002f4787

Configuration has not been modified since last system restart.1000ae

vector 0x00000003 (breakpoint)

----- show clo edi 0x002

Free memory: 85180232 bytes

ecx 0x000000

Used memory: 49037496 bytes 0x0000003a

e

-----eip 0x004d953c

Total memory: 13421772

eflags 0x00000046

----- show conn count -----

Stack dump: base:0x0009fe5c size:64, active:64

0 in use, 0 most used

----- show xlate count -----58: 0x00a65930

0x0009ff54: 0x00a

0 in use, 0 most used

0x0009ff50: 0x00

----- show blocks -----

0x0009ff48: 0x07fd3000

SIZE MAX LOW CNT: 0x07fd7000

4 1600 1600 16005c

0x

80 400 400 400

0x0009ff38:

CPU utilization for 5 seconds = NA; 1 minute: NA; 5 minutes

0x0009ff10: 0x6165722f

----- show process -----f08: 0x07fd3000

0x0009ff04:

PC SP STATE Runtime SBASE Stack Process

0x0009fefc: 0x00000051

0x0009fef8: 0x00

Hrd 00103710 0098ce04 00565bc0 0 0098be14 4080/4096 arp_timer

0x0009fef0: 0x004d5bc0

0x0009feec: 0x004d5c2d

Lrd 00103710 00a5003c 005660a0 0 00a4f04c 4080/4096

FragDBG0009fee4: 0x00000046

0x0009fee0: 0x00000008

0x0009fe64: 0x2c737261

or

Hrd 00103710 02e8ae4c 00565bc0 0 02e86e5c

Compiled on Fri 02-Jul-04 00:07 by morlee

r

----- show failover -----

pixfirewall up 0 secs

Failover Offware: SE44

Cable status: UnknownPentium II 350 MHz

Reconnect timeout 0:00:00

Poll frequency 15 secondsB

----- show traffic -----

0: ethernet0: address is 0000.0000.0000,

----- show perfmon -----

1: ethernet1: address is 0000.0000.0000, irq 10

PERFMON STATS: Current A

TCPIntercept 0/s 0/s

16:08:04.680 UT

HTTP Fixup 0/s 0/s

----- show memory -----

FTP Fixup 0/s 0/s

Free me

AAA Authen 0/s 0/s

Used memory:

AAA Author 0/s 0/s

AAA Account 0/s 0/s

Total memory: 134217

fixup protocol h323 ras 1718-1719 LOW CNT

fixup protocol http 80600 1600
fixup protocol rsh 514 400 400 400

fixup protocol rtsp 554
256 500 500

fixup protocol tftp 69
names

pager lines 24

ip audit info action

ip audit attack action alarm

no failover

failover timeout 0:00:00

failover poll 15

pdm history enable

arp timeout 14400

timeout xlate 3:00:00

timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 rpc 0:10:00 h225
1:00:00

timeout h323 0:05:00 mgcp 0:05:00 sip 0:30:00 sip_media 0:02:00

timeout uauth 0:05:00 absolute

Nested traceback attempted via interrupt.

Traceback output aborted.

Rebooting....

Finesse Bios V3.3

Booting Floppy

Loading from Flash

#####

#####

128MB RAM

mcwa i82559 Ethernet at irq 11 MAC: 00d0.b713.c973

mcwa i82559 Ethernet at irq 10 MAC: 00d0.b706.ca99

mcwa i82559 Ethernet at irq 5 MAC: 00d0.b713.ca36

Flash=AT29C040A @ 0x300

Obsolete FLASH card. Upgrade required. See release notes for this version.

|| ||

|||| ||||

..:|||||:..:|||||:..

c i s c o S y s t e m s

Private Internet eXchange

Cisco PIX Firewall

Cisco PIX Firewall Version 6.3(4)

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0x0009ff4c: 0x004d586e

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0x0009ff28: 0x002f4664

0x0009ff24: 0x00000051

0x0009ff20: 0x002f466f

0x0009ff1c: 0x002f4787

0x0009ff18: 0x0009ff38

0x0009ff14: 0x00560064

0x0009ff10: 0x6165722f

0x0009ff0c: 0x322f7665

0x0009ff08: 0x07fd3000

0x0009ff04: 0x07fd7000

0x0009ff00: 0x08000000

0x0009fetc: 0x00000051

0x0009fef8: 0x002f466f
0x0009fef4: 0x002f4664
0x0009fef0: 0x004d5bc0
0x0009feec: 0x004d5c2d
0x0009fee8: 0x0009ff18
0x0009fee4: 0x00000046
0x0009fee0: 0x00000008
0x0009fedc: 0x004d953c *
0x0009fed8: 0x0000003a
0x0009fed4: 0x0
0x0009fed0: 0x000003fd
0x0009fecc: 0x002f466f
0x0009fec8: 0x0009fedc
0x0009fec4: 0x0009fee8
0x0009fec0: 0x00000051
0x0009febc: 0x002f4664
0x0009feb8: 0x00000003
0x0009feb4: 0x00104f21
0x0009feb0: 0x0009fee8
0x0009feac: 0x00000046
0x0009fea8: 0x00000008
0x0009fea4: 0x004d953c
0x0009fea0: 0x0000003a
0x0009fe9c: 0x0000000a
0x0009fe98: 0x000003fd
0x0009fe94: 0x002f466f
0x0009fe90: 0x0009fedc
0x0009fe8c: 0x0009fee8
0x0009fe88: 0x00000051
0x0009fe84: 0x002f4664
0x0009fe80: 0x00000003
0x0009fe7c: 0x0009fe80
0x0009fe78: 0x000
0x0009fe74: 0x0000000a
0x0009fe70: 0x002f4664
0x0009fe6c: 0x00000051
0x0009fe68: 0x002f466f
0x0009fe64: 0x2c737261
0x0009fe60: 0x001000ae

Cisco PIX Firewall Version 6.3(4)

Compiled on Fri 02-Jul-04 00:07 by morlee

Finesse Bios V3.3

pixfirewall up 0 secs

Hardware: SE440BX2, 128 MB RAM, CPU Pentium II 350 MHz

Flash unknown @ 0x0, 0MB

BIOS Flash unknown @ 0x0, 0KB

0: ethernet0: address is 0000.0000.0000, irq 11

1: ethernet1: address is 0000.0000.0000, irq 10

2: ethernet2: address is 0000.0000.0000, irq 5

Licensed connections: 128-----

Serial Number: 18023631 (0x11304cf)

Running Activation Key: 0x1aca09ee 0x3c2f8123 0x27734331 0xb640e4e5

Cisco PIX Firewall Versi

Configuration has not been modified since last system restart.s: 128

open(ffsdev/2/read) failed

----- show clock -----d. Specifically, a programming assertion was

08:18:16.680 UTC Wed Feb 1 2006

----- show memory ----- appears, and get the

Free memory: 85180232 bytes

output of the show version co

Used memory: 49037496 bytesguration

----- file. Then call your

Total memory: 134217728 bytes

----- show conn count -----ile "pix_

Traceback:

0 in use, 0 most used

1: 002f4787

----- show blocks -----

4: 001000ae

vector 0x00000003 (

SIZE MAX LOW CNT

edi

4 1600 1600 1600

esi 0x00000051
80 400 400 400ebp 0x0009fee8
256 500 500 500dc

1550 1188 804 804
edx 0x00

----- show interface -----
eax 0x0000003a

----- show cpu usage -----53c

cs 0x00000008

CPU utilization for 5 seconds = NA; 1 minute: NA; 5 minutes: NA CR2
0x00000000
Stack dump: base:0x0009fe5

----- show process -----
0x0009ff5c: 0xffffffff

_process0000a
Lrd 00103710 02e7f86c 005660a0 0 02e7e87c 4080/4096
route_process: 0x002f466f
0x0009fec8: 0x0009fedc
Hrd 00103710 02e8091c 00565bc0 0 02e7f92c 4080/4096 PIX Garbage
Collect
0x0009febc: 0x002f4664
0x0009feb8: 0x000000
or
Hrd 00103710 02e8ae4c 00565bc0 0 02e86e5c 16368/16384
isakmp_time_keepe09fee8
0x0009feac: 0x00000046
0x0009
ra

----- show failover ----009fea4: 0x004d95

----- show perfmon -----
0x0009fe80: 0x00000003

PERFMON STATS: Current Average
0x0009fe78: 0x0009
Xlates 0/s 0/s 0x0000000a
0x0
Connections 0/s 0/s
0x0009fe6c: 0x00000051

TCP Conns 0/s 0/s
0x0009fe64: 0x2c73
UDP Conns 0/s 0/s 0x001000ae

Ci
URL Access 0/s 0/s

Compiled
URL Server Req 0/s 0/s
F
TCP Fixup 0/s 0/s firewall up 0 secs

TCP Intercept 0

:c
PIX Version 6.3(4)128
hostname pixfirewallmber: 18023631 (0x11
fixup protocol dns maximum-length 512
Running Activation Key: 0x1aca09e
fixup protocol ftp 211 0xb640e4e5
fixup protocol h323 h225 1720

fixup protocol h323 ras 1718-1719d since last system restart.
fixup protocol http 80
fixup protocol tftp 69
names
pager lines 24
ip audit info action alarm
ip audit attack action alarm
no failover
failover timeout 0:00:00
failover poll 15
pdm history enable
arp timeout 14400
timeout xlate 3:00:00
timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 rpc 0:10:00 h225
1:00:00
timeout h323 0:05:00 mgcp 0:05:00 sip 0:30:00 sip_media 0:02:00
timeout uauth 0:05:00 absolute

Nested traceback attempted via interrupt.
Traceback output aborted.

Rebooting....

firewall-wizards mailing list

firewall-wizards@xxxxxxxxxxxxxxxxxxxxx

<http://honor.icsalabs.com/mailman/listinfo/firewall-wizards>