

Re: booting and fiber disks

Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2006-01/msg00163.html>

- *From:* "Green, Simon" <Simon.Green@xxxxxxxxxxxxx>
 - *Date:* Mon, 23 Jan 2006 20:17:43 +0100
-

No: this is something different. Assuming the bootlist is correct the system is not scanning the disks for another boot device, it's simply building the hardware configuration. It needs to do this even if you're booting from CD. If you check the LEDs you'll see all the usual codes you see for cfmgr.

I'm not sure what happened when you disconnected the fiber: that should have speeded things up as there wouldn't have been all those disk devices to configure. Did you physically disconnect the cables from the server and replace them with suitable terminators, (if required)?

—

Simon Green
Altria ITSC Europe s.a.r.l.

AIX-L Archive at <https://new-lists.princeton.edu/listserv/aix-l.html>
New to AIX? <http://publib-b.boulder.ibm.com/redbooks.nsf/portals/UNIX>

N.B. Unsolicited email from vendors will not be appreciated.
Please post all follow-ups to the list.

-----Original Message-----

From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxx>] On Behalf Of Dave Zarnoch
Sent: 23 January 2006 19:00
To: aix-l@xxxxxxxxxxxxx
Subject: Re: booting and fiber disks

Soooo....

Basically, the "man" page is incorrect

It say:

When searching for a boot device, the system selects the first device in the list and determines if it is bootable. If no boot file system is detected

Re: booting and fiber disks

on the first device, the system moves on to the next device in the list. As a result, the ordering of devices in the device list is extremely important.

Here is our bootlist:

cd0 hdisk0

Both are bootable but the system still searches the entire disk inventory

Dave Zarnoch
Nationwide Provident
zarnocd@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx
W 302-452-4197
C 302-462-8703

Holger.VanKoll@SW

ISSCOM.COM To: aix-l@xxxxxxxxxxxxxxxx

Sent by: IBM AIX cc:

Discussion List Subject: Re: booting and fiber disks
<aix-l@Princeton.

EDU>

01/23/2006 10:31

AM

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Re: booting and fiber disks

no.

it is normal for this hardware to scan all devices when booting up.

-----Original Message-----

From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxxxx>] On Behalf Of
Dave Zarnoch
Sent: Monday, January 23, 2006 4:22 PM
To: aix-l@xxxxxxxxxxxxxxx
Subject: Re: booting and fiber disks

Yes,

When we tried to set the boot device in the SMS menu, it still scanned
all of the fibre disks.

Anyway around this?

Dave Zarnoch
Nationwide Provident
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W 302-452-4197
C 302-462-8703

Holger.VanKoll@SW

ISSCOM.COM To:
aix-l@xxxxxxxxxxxxxxx
Sent by: IBM AIX cc:

Discussion List Subject: Re: booting and
fiber disks
<aix-l@Princeton.

EDU>

01/23/2006 09:46

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>Even though the bootlist only contains cd0, it will still search every single fibre attached disk in order to boot

are you sure it tried to boot from every san-disk?

or was the box just scanning its devices, which is/works as designed?

>(We also disconnected the fiber and the boot just hung)
strange... did you try to setup/choose the boot-device directly in the sms-menu?

-----Original Message-----

From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxxx>] On Behalf Of Dave Zarnoch
Sent: Monday, January 23, 2006 3:31 PM
To: aix-l@xxxxxxxxxxxxxx
Subject: booting and fiber disks

We had some problems booting from cd0 on a box that has a fiber connection to an EMC box.

Even though the bootlist only contains cd0, it will still search every single fibre attached disk in order to boot

Is there a way around this?

(We also disconnected the fiber and the boot just hung)

Thanks!

Dave Zarnoch
Nationwide Provident
zarnocd@xxxxxxxxxxxxxx

Re: booting and fiber disks

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