

Re: booting and fiber disks

Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2006-01/msg00164.html>

- *From:* Hernan Camargo <hercom@xxxxxxxxxxx>
 - *Date:* Mon, 23 Jan 2006 16:00:06 -0500
-

The scan doesn't imply booting up from that device. It's just a scan. Test it: Put a LUN with a valid boot image, and set the boot list via the SMS menus WITHOUT the LUN on the list, but with an invalid device (without a boot image). The system will scan the device, but will not boot from it.

HC

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

From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxxxxx>] On Behalf Of Dave Zarnoch
Sent: Monday, January 23, 2006 2:00 PM
To: aix-l@xxxxxxxxxxxxxxxx
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 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@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
W 302-452-4197
C 302-462-8703

Re: booting and fiber disks

Holger.VanKoll@SW

ISSCOM.COM To: aix-1@xxxxxxxxxxxxxx

Sent by: IBM AIX cc:

Discussion List Subject: Re: booting and
fiber disks
<aix-1@Princeton.

EDU>

01/23/2006 10:31

AM

Please respond to

IBM AIX

Discussion List

no.

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

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

From: IBM AIX Discussion List [<mailto:aix-1@xxxxxxxxxxxxxx>] On Behalf Of

Dave Zarnoch

Sent: Monday, January 23, 2006 4:22 PM

To: aix-1@xxxxxxxxxxxxxx

Subject: Re: booting and fiber disks

Yes,

Re: booting and fiber disks

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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
zarnocd@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx
W 302-452-4197
C 302-462-8703

Holger.VanKoll@SW

ISSCOM.COM To:
aix-1@xxxxxxxxxxxxxxxxxxxx
Sent by: IBM AIX cc:

Discussion List Subject: Re: booting and
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<aix-1@Princeton.

EDU>

01/23/2006 09:46

AM

Please respond to

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Discussion List

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

Re: booting and fiber disks

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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-1@xxxxxxxxxxxxxxx>] On Behalf Of
Dave Zarnoch
Sent: Monday, January 23, 2006 3:31 PM
To: aix-1@xxxxxxxxxxxxxxx
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@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

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