

## Re: mksysb recovery problems

**Source:** <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2004-07/0242.html>

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**From:** David Zarnoch (*David.Zarnoch\_at\_BISYS.COM*)

**Date:** 07/22/04

Date: Thu, 22 Jul 2004 07:38:34 -0500  
To: aix-l@Princeton.EDU

Folks,

Basically the DB guys said it was OK to just use whatever OS configuration was present on the system and that they could restore the databases themselves

So, we just changed the name and IP of the system to the system that was on the mksysb

Unfortunately, one of the DB admins needs his home directory restored which is on the mksysb

How does one restore specific files from a mksysb?

Thanks!

Dave Zarnoch  
david.zarnoch@bisys.com

>>> *JKREMBLAS@REDHEARTGIFTS.COM 07/21/04 02:41PM* >>>  
Wednesday, July 21, 2004, A.D.

Dave,

I've seen this before and for the life of me I don't remember what "0>" means. I do know this is a firmware prompt, so naturally the next question would be: Why are we getting a firmware prompt?

Before we explore this matter further, let's get some facts straight:

(1) What is the type/model/series of the machine? Is this a server or workstation? I ask this because some models do not support booting from tape.

(2) What is the current version of the AIX operating system on the machine?

AIX-L: Re: mksysb recovery problems

(3) What is the version of the AIX operating system on the purported mksysb tape?

(4) What LED code is displayed when you get the "0>" prompt? First, does your machine have an LED display?

(5) Is the system a standalone or rack-mounted system?

(6) Is the machine an IBM RS/6000 machine or a pSeries machine (p630 on up)?

Please advise.

Best wishes,

Joseph Kremblas  
IBM Certified Advanced Technical Expert--RS/6000 AIX  
IBM Certified Specialist--pSeries AIX 5L Systems Support  
IBM Certified Specialist--pSeries AIX 5L Systems Administration  
IBM Certified Specialist--RS/6000 SP and PSSP  
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Phone: (623) 877-5722

"Doubt is a pain too lonely to know that faith is his twin brother."

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

From: IBM AIX Discussion List [mailto:aix-l@Princeton.EDU] On Behalf Of David Zarnoch  
Sent: Wednesday, July 21, 2004 7:50 AM  
To: aix-l@Princeton.EDU  
Subject: Re: mksysb recovery problems

Folks,

The system that we are trying to restore has an installed OS.

We are now attempting to boot into the SMS menu and change the bootlist to disk

BTW...The error we got on the mksysb boot was

0>

on the screen

Dave

>>> JKREMBLAS@REDHEARTGIFTS.COM 07/21/04 10:37AM >>>  
Wednesday, July 21, 2004, A.D.

Re: mksysb recovery problems

AIX-L: Re: mkysyb recovery problems

Good morning, Dave,

It's unclear as to whether you are trying to boot from a mkysyb TAPE or not as already appropriately addressed by Martin in an earlier response to your issue(s).

If, in fact, you are trying to boot from a mkysyb TAPE, AND you know this is the correct image for the machine you're trying to recover, then we can nip this little problem in the bud by simply changing your boot list on the machine. By default, the tape device is not part of the boot list. So, the plan is to boot from one of your CD-ROMs and change the boot list. Afterwards, we can mount the tape and reboot the system from the mkysyb TAPE. The procedure that would guide me would look something like this:

- (1) Boot from CD-ROM.
- (2) Change boot list.  
Command: bootlist -m normal rmt0 hdisk0
- (3) Power off machine.
- (4) Insert mkysyb tape in tape drive.

I hope this information helps, and good luck.

Best wishes,

Joseph Kremblas  
IBM Certified Advanced Technical Expert--RS/6000 AIX  
IBM Certified Specialist--pSeries AIX 5L Systems Support  
IBM Certified Specialist--pSeries AIX 5L Systems Administration  
IBM Certified Specialist--RS/6000 SP and PSSP  
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Phone: (623) 877-5722

"Doubt is a pain too lonely to know that faith is his twin brother."

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

From: IBM AIX Discussion List [mailto:aix-l@Princeton.EDU] On Behalf Of David Zarnoch  
Sent: Wednesday, July 21, 2004 6:19 AM  
To: aix-l@Princeton.EDU  
Subject: mkysyb recovery problems

Folks,

We are trying to recover a box from a mkysyb.

We first tried to boot off the mkysyb but it failed

Re: mkysyb recovery problems

AIX-L: Re: mkysyb recovery problems

Then we tried to boot off CDROMs then access the mkysyb but we got an error indicating that the operating system was different between the CDROMs and the mkysyb (we suspect that the former admin used personal CDs to create the operating system that do not match the level we are using presently)

Is there anything we can try?

My boss is pretty hot about this...  
:0(

Thanks!

Dave Zarnoch  
david.zarnoch@bisys.com