03/17/95

Commands-Related Fixes for AIX 3.2.3e and Before

Special Notices

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Introduction

This document lists known commands-related defects that occurred in AIX level 3.2.3e or earlier.

All of the defects listed have been fixed in AIX 3.2.5 and the fixes are included in the AIX 3250 PMP tape.

If you do not wish to upgrade to AIX 3.2.5, there are also down-level PTFs (program temporary fixes) available. When you install these PTFs, your system will remain at its current level.

Fixes can be ordered by specific fix number from 1-800-CALL-AIX.

SMIT

bos.obj.smit

Fixes a problem in the ASCII version of smit in which mksysb hangs when it should be prompting for a second tape. IX25528

X11rte.ext.obj.msmit

Fixes a problem in the Motif version of smit in which mksysb hangs when it should be prompting for a second tape. IX26135

bos.obj.arch

Fixes the problem in which smit forces the use of the pack option (-p) to back up a file system. Now allows choice of packing or not. Message: "0511-317 Internal packing error". IX31390

TAR

bos.obj.arch

Fixes the tar end-of-tape problem. IX27614

Allows smit to recover if the the user inserts a write-protected tape in the middle of a multi-tape backup sequence. IX28629

Fixes the problem in which tar cannot handle files with userids larger than 65535. IX26590

PAX

bos.obj.arch

Fixes the problem with the pax command when restoring from a mksysb tape. If the /etc/password file had not been restored yet, any files that had an owner not in /etc/password (all of them until the passwd file was restored) had the owner set to root. IX30655

BACKUP/RESTORE

bos.obj.arch

Fix to allow the restore command to read tapes made with the backup command using a 0 block size. IX31994

Fixes the problem when backup by name is run from a cron file and requires a second tape. This will force backup to terminate with an error instead of over-writing the first tape. IX23371

Fixes the problem when backup by inode is run from a cron file and requires a second tape. It will get a resource temporarily not available because is cannot open /dev/tty. IX31715

CPIO

bos.obj.arch

Fixes the problem in which cpio will terminate when it encounters an error while reading the backup media. IX24164

DD

bos.obj.arch

Fixes the dd problem in which there is an extra character in the buffer.

Fixes the out-of-space problem. IX38287

TCTL

bos.obj.arch

Latest version of tctl/mt.

MKSYSB

bos.obj.smit

Fixes a problem in the ASCII version of smit in which mksysb hangs when it should be prompting for a second tape. IX25528

X11rte.ext.obj.msmit

Fixes a problem in the Motif version of smit in which mksysb hangs when it should be prompting for a second tape. IX26135

bos.obj.bosboot

Fixes the problem in which mksysb gives the error: "./etc/stanzas/sccdrom.add file does not exist." IX31081

bos.obj.bosinst

This is the latest revision of the mksysb script. IX31709

Fixes a problem in mksysb on a system with more than 200 devices. The problem was that a portion of the devices was dropped due to a Korn shell array limition. IX29813

Fixes the mksysb restore to use the original file modification times if you are restoring from a mksysb. If you are doing a new install, it uses today's date. IX27743

bos.obj.arch

Fixes the problem with the pax command when restoring from a mksysb tape. If the /etc/password file had not been restored yet, any files that had an owner not in /etc/password (all of them until the passwd file was restored) had the owner set to root. IX30655

Fixes the tar end-of-tape problem. IX27614

Allows smit to recover if the the user inserts a write-protected tape in the middle of a multi-tape backup sequence. IX27629

Fixes the problem in which tar cannot handle files with userids larger than 65535. IX26590

BACKUP/RESTORE

bosadt.lib.obj.include

Fixes the problem in which backup cannot handle files with pathnames over 100 characters and restore will not restore files with a pathname over 100 characters. IX30432

DEVICE DRIVERS

bos.obj.dd

Fixes the problem created by U407435. The problem was that QIC-120 format tapes were not readable by the 525M and 1.2G tape drives.

Fixes the problem with the tape drive ignoring Ctrl-C. This problem prevented any signal from interrupting the tape drive.

Fixes the problem with the density setting not being changeable on the 9-track tape drive.

Needed along with 3.2.3 to use the 4mm tape drive.

Fixes the problem in which backup by inode leaves several backbyinode processes in the process table. IX24854

5GB tape, data compression. This is in 3.2.3 extended.

5GB tape, SCSI II support. This is in 3.2.3 extended.

Adds the 7207-011 (525 MB) tape drive to the smit tape screen. Allows it to be defined as an IBM drive instead of ost. It also allows you to turn off the retension option.

bos.obj.bosboot

5GB tape, SCSI II support. This is in 3.2.3 extended.

bos.obj.cmd-fs

Latest version of CD-ROM device driver.

SHUTDOWN

bos.obj.cmd-cntl

Latest version of shutdown script.

TCP CLEAN

bosnet.tcpip.obj.client

Latest version of tcp.clean script.

CSH or "C" SHELL

bosext1.csh.obj.csh

This provides a system-wide startup file for all csh users. The csh c shell executes commands placed in this file before executing the files in the user's directory. /etc/csh.cshrc /etc/csh.login IX26088

KSH or "K" SHELL

bos.obj.ksh

Latest version of ksh.

PCSIM

pcsim.obj.pcsim

Latest version of pcsim.

DOS UTILITIES

bosext2.dosutil.obj.dosutil

dosformat, dosdir, dosdel, dosread, and doswrite.

CRON/AT

bos.obj.cron

Latest version of cron.

Fixes the problem with "at" jobs not running when scheduled. IX38376

VI

bos.obj.vi

Latest version of vi.

CD-ROM

bos.obj.cmd-fs

Latest version of CD-ROM device driver.

LS

bos.obj.cmd-file

This fixes the problem with "ls -l" core dumping with more than MAX_CACHE (255) owners. IX27760

Reader's Comments

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