



Tech Info Library

ABS Tech Note: AWS27 Configuration Changes In A/UX 3.1 (6/94)

Revised: 6/24/94
Security: Everyone

ABS Tech Note: AWS27 Configuration Changes In A/UX 3.1 (6/94)

Article Created: 23 June 1994

TOPIC -----

In A/UX 3.1, the following changes have been made to the File/Print and Database configurations. In general, these changes have been made to make the two configurations more similar -- hopefully decreasing customer confusion.

DISCUSSION -----

Disk Partitions

- The size of the MacPartition (boot volume) on both configurations has been increased to 10 MB. This size will support a full install of System 7.1, if necessary.
- The size of the swap partition in the File/Print configuration has been increased to 51 MB, the same size as the Database configuration.

With these changes, the only difference between the disk partitions on the two configurations is that the Database configuration includes two 10 MB "raw" database partitions. Therefore, on an identical drive, the UNIX Root&Usr partition (slice 0) would be 20 MB smaller in the Database configuration. Figures 1 and 2 show the partition map of a 1 GB drive loaded with the default Database and File/Print configurations, respectively.

16 K	Mac Driver
946578 K	UNIX Root & Usr slice 0

52224 K	Swap	
10240 K	Database Partition	
10240 K	Database Partition	
10240 K	Mac Partition	

Figure 1. Database Partitions on 1 GB Drive

16 K	Mac Driver	
967058 K	UNIX Root & Usr slice 0	
52224 K	Swap	
10240 K	Mac Partition	

Figure 2. File/Print Partitions on 1 GB Drive

Installer Packages

The default set of packages is now identical for both configurations; they are listed in Table 1. These packages were selected based on customer feedback.

Package	Size
Core A/UX System	45 MB
Networking Capability	4 MB
Network Server Capability	1 MB
Manual Pages	4 MB
Basic C Programming	4 MB
Extended C Programming	2 MB
More UNIX Utilities	1 MB
UNIX Printing Utilities	1 MB

Debugging & Version Control 1 MB

Table 1. Default A/UX 3.1 Packages

Content of the Core Package

There are only two differences between the content of the packages in the two configurations. The user can switch between the two configurations using the shell script config_server, which is new in A/UX 3.1.

The values of a few of the kernel configuration parameters are different (These defaults have not changed since 3.0.1.). Table 2 details these settings; see kconfig(1) for more information.

Kernel Parameter	Database Configuration	File/Print Configuration
-----	-----	-----
NBUF	0	-1
NCALL	150	500
NFILE	1024	7500
NINODE	1024	7500

Table 2 Default A/UX 3.1 Kernel Parameters

Finally, the File/Print configuration includes the Autologin file, which bypasses the Login screen; for more information, see Autologin(4).

Support Information Services

Copyright 1994, Apple Computer, Inc.

Tech Info Library Article Number:15688