This technical note documents the default Kernel parameters settings for the File/Print and Database server Configurations under A/UX version 3.0.1 and how they are different from A/UX version 3.0. It also describes the new configuration parameters introduced in A/UX version 3.0.1 and their default settings.

Kernel Configuration Defaults

Variable	File/Print	Database	3.0 Defaults
MAXSC	32	32	8
NBLK16	256	256	128
NBLK64	800	800	64
NBLK128	256	256	32
NBLK256	256	256	16
NBLK512	128	128	8
NBLK1024	300	300	8
NBUF	-1	0	0
NCALL	500	150	75
NFILE	7500	1024	256
NINODE	7500	1024	256
NMOUNT	32	32	10
NPBUF	64	64	20
NQUEUE	1200	1200	256
NSTREAM	200	200	32
SBUFSIZE	4096	4096	2048

Kernel Configuration Parameters Introduced in 3.0.1

Apple Business Systems
Technical Notes

Product Technical Support

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Written by :   Sandhya Vora   August, 1993

Variable	Description	Default
GNOFILE	Global File Table (used by Mac environment)	6144
MSGMAP	Message Map Entries (used by msgop(2))	200
MSGMAX	Maximum Message Size (used by msgop(2))	8192
MSGMNB	Max. Message Queue Size (used by msgop(2))	16384
MSGMNI	Message Queue Identifiers (used by msgop(2))	50
MSGTQL	Number of Message Headers	200
NASIOD	Number of Asynchronous I/O Daemons	4
NASIOQ	Asynchronous I/O Request Queue	128
SEMMAP	Semaphore Map Entries (see semop(2))	50
SEMMNI	Semaphore Identifiers (see semop(2))	50
SEMMNS	Total Number of Semaphores (see semop(2))	300

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Technical Notes

Product Technical Support

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   SHMMNI   Shared Memory Segment Identifiers (shmop(2))   100

   For more information on kernel parameters, refer to the on-line man page for *kconfig*.

Apple Business Systems
Technical Notes

Product Technical Support

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