

MPM66
 # users = 27
 11/14/69
 MFTN3
 4.7f

***** MULTICS PERFORMANCE ANALYSIS *****

USER NO	COMMAND	TIME	CPU TIME	NO OF P.F.
0	login	1227	5.897	202
	edm	1236	6.891	418
	fortran	1237	4.715	179
	edm	1243	3.626	251
	fortran	1244	5.192	249
	rename	1244	1.111	67
	print	1245	.751	44
	a_prime\$prime	1247	3.942	147
	list	1248	1.055	48
	df	1249	1.628	83
	edm	1258	4.855	286
	fortran	1259	3.751	147
	edm	1304	3.202	187
	fortran	1305	3.471	138
	rename	1306	.648	39
	print	1307	.980	48
	b_prime\$prime	1308	2.154	87
	list	1309	.759	38
	df	1310	.936	54
	logout			

additional page
 counts on
 15 insertion
 edm 132
 ftu 38
 ru 28
 l 10
 d 24
 237

***** SUMMARY *****

USER NO	TOTAL CPU TIME	TOTAL REAL TIME	TOTAL NO OF P.F.	NO OF INTER-ACTIONS	AVERAGE CPU TIME	AVERAGE WAIT TIME	AVERAGE NO OF P.F.
USER 0	49.667	2550	2510	66	.752	—	38

210.90

hmu
 27 users, 30 maximum
 r 1308 .287 16

MPM66

rm\$inc apt
 hmu

777777777777	2:01.7	234100000003	756123635367	20:06.5	016101000002
756123635376	1:43.8	200100000002	756123635410	1:00.2	000100000002
756123635441	1:00.0	200100000002	756123637161	53.5	200100000002
756123637777	1:07.5	200100000002	756123637737	10.6	300100000000
756123640414	86.1	001100000004	756123640263	77.1	034100000002
756123637560	1:01.5	000100000002	756123637660	49.0	001100000004
756123635741	36.9	300100000000	756123636705	6.0	001100000004
756123637454	1:07.1	000100000002	756123636070	36.0	000100000002
756123636111	41.4	200100000002	756123637642	1:07.4	000100000002
756123640400	90.5	001100000004	756123637436	1:01.7	000100000002
756123636241	51.7	200100000002	756123636374		001100000004
756123640320	2.6	001100000004	756123636720	1:13.9	001100000004
756123636750		001100000004	756123637041	6.4	001100000004
756123640016	2.2	001100000004	756123640447	71.3	220000000002
756123640056	40.4	034100000001	756123640075	49.7	001100000004
756123640157	3.4	300100000000	000000000000		000000000000
000000000000		000000000000	000000000000		000000000000
000000000000		000000000000	000000000000		000000000000
000000000000		000000000000	000000000000		000000000000
000000000000		000000000000	000000000000		000000000000
000000000000		000000000000	000000000000		000000000000
r 1310 5.157 129					

← PDP8

Total metering time 0:49: 7

Ave queue length(X10) 136
 Max eligible 3
 Te min (seconds) 4
 Ti max (seconds) 8

IDLE TYPE	TIME	%
Total idle	0:22:36	46
Multi-prog idle	0:22:36	46
Non-multi-prog idle	0: 0: 0	0
Zero idle	0: 0: 0	0

COUNTER	TOTAL	ATB
Loadings	1211	2433
Blocks	1103	2672
Wakeups	1145	2574
Waits	63492	46
Notifies	133028	22
Schedulings	1225	2405
Interactions	995	2962
Pre-empts	50140	58

Time	%Int	%Cum	Ave			
0.0	56	56	304			
0.5	18	74	759			
1.0	10	84	1251			
1.5	4	88	1753			
2.0	3	91	2259			
2.5	2	93	2751			
3.0	1	94	3349			
3.5	1	95	3817			
4.0	1	96	4306			
4.5	1	97	4952			
5.0	0	97	5336			
5.5	0	97	6008			
6.0	0	97	6509			
6.5	0	97	7052			
7.0	0	97	7168			
7.5	2	99	7914			
DEPTH	%PF	TBPF	%GTW	TBS	%CPU	
1	32	28	30	24	36	
2	32	26	34	20	34	
3	36	20	36	16	30	

r 1314 1.921 33

File System Meters

Deact count 13043
Ast grace 1: 3.854
Used ASTs 243
Free ASTs 0
Held ASTs 108
Steps 1689320
Needc 383172
Ave.steps 4
Ceiling 23
Laps 8486
Skip wired 13412
Skip used 1093527
Skip mod 196995
Skip os 2214
No. pages 178
Wired pages 17
Drum left 462
Drum reads 334672
Drum writes 174437
Drum errors
 Non-fatal 0
 Fatal 0
Disk left 1461
Disk reads 39380
Disk writes 23492
Disk errors
 Non-fatal 1
 Fatal 0

r 1316 1.902 49

21 users, 30 maximum
r 1316 .161 10

File System Meters

Deact count 9885
Ast grace 1:14.153
Used ASTs 231
Free ASTs 0
Held ASTs 132
Steps 1388258
Needc 314570
Ave.steps 4
Ceiling 21
Laps 6978
Skip wired 11081
Skip used 900286
Skip mod 160631
Skip os 1690
No. pages 178
Wired pages 17
Drum left 239
Drum reads 275164
Drum writes 142868
Drum errors
 Non-fatal 0
 Fatal 0
Disk left 1589
Disk reads 31651
Disk writes 18525
Disk errors
 Non-fatal 1
 Fatal 0

r 1227 2.364 91

28 users, 30 maximum
r 1227 .117 7