

MPM68
 #users = 24
 11/18/69
 MFTN3
 4.7f

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

USER NO	COMMAND	TIME	CPU TIME	NO OF P.F.
0	login	1226	6.228	236
	edm	1236	6.534	370
	fortran	1237	4.796	214
(	edm	1242	3.241	211
	fortran	1245	5.163	229
	rename (	1246	1.011	41
	print	1247	.880	41
	i_prime\$prime	1248	3.438	133
	list	1249	1.151	55
	df	1250	2.152	124
	edm	1259	5.928	370
	fortran	1300	3.982	170
	edm	1305	3.820	246
	fortran	1306	3.658	155
	rename	1307	.575	29
	print	1308	.800	54
	b_prime\$prime	1309	2.000	95
	list	1310	.695	43
	df(	1311	1.053	70
	logout			

***** 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	50.877	2670	2650	66	.770	—	40

rm\$inc apt
 tcm all
 fsm
 hmu

MPM68

777777777777	2:28.2	000100000004	756173123111	17:41.5	016101000002
756173123120	1:13.3	001100000004	756173123132	1:46.7	200100000002
756173123144	1:24.1	200100000002	756173126061	25.8	001100000004
756173126120	53.4	000100000002	756173126013	24.3	001100000004
756173126161	61.9	300100000000	756173125676	75.4	001100000004
756173125647	1:30.7	034100000003	756173124400	41.6	001100000004
756173126256	62:79.4	001100000004	756173125575	1:36.1	200100000002
756173124617	1:32.0	000100000002	756173126225	61:63.4	001100000004
756173124306	26.1	001100000004	756173126030	8.5	001100000004
756173125617	46.9	034100000001	756173126242	3.0	001100000004
756173126104	61:13.6	001100000004	756173124664	51.3	034100000003
756173124711	40.9	001100000004	756173124736		001100000004
756173126042	98.1	001100000004	756173125632	50.3	300100000000 ← PDP-8
756173126271	9.6	200100000002	756173125774	96.7	000100000002
000000000000		000000000000	000000000000		000000000000
000000000000		000000000000	000000000000		000000000000
000000000000		000000000000	000000000000		000000000000
000000000000		000000000000	000000000000		000000000000
000000000000		000000000000	000000000000		000000000000
000000000000		000000000000	000000000000		000000000000
000000000000		000000000000	000000000000		000000000000

r 1313 5.577 124

Total metering time 0:43:50

Ave queue length(X10) 82
 Max eligible 3
 Te min (seconds) 4
 Ti max (seconds) 8

IDLE TYPE	TIME	%
Total idle	0:16:53	39
Multi-prog idle	0:16:53	39
Non-multi-prog idle	0: 0: 0	0
Zero idle	0: 0: 0	0

COUNTER	TOTAL	ATB
Loadings	1201	2190
Blocks	1100	2391
Wakeups	1113	2363
Waits	65305	40
Notifies	139591	18
Schedulings	1208	2177
Interactions	965	2725
Pre-empts	49425	53

Time	%Int	%Cum	Ave
0.0	58	58	258
0.5	16	74	768
1.0	10	84	1240
1.5	5	89	1792
2.0	2	91	2265
2.5	3	94	2791
3.0	1	95	3410
3.5	1	96	3779
4.0	1	97	4447
4.5	1	98	4917
5.0	1	99	5341
5.5	0	99	5848
6.0	0	99	6540
6.5	0	99	6821
7.0	0	99	7168
7.5	1	100	7886

DEPTH	%PF	TBPF	%GTW	TBS	%CPU
1	34	27	32	23	39
2	33	26	35	19	35
3	33	19	33	15	26

r 1315 2.466 63

File System Meters

Deact count	10057
Ast grace	1:52.897
Used ASTs	240
Free ASTs	0
Held ASTs	116
Steps	1662115
Needc	373707
Ave.steps	4
Ceiling	20
Laps	8394
Skip wired	13556
Skip used	1088436
Skip mod	184128
Skip os	2288
No. pages	178
Wired pages	16
Drum left	307
Drum reads	329654
Drum writes	164112
Drum errors	
Non-fatal	0
Fatal	0
Disk left	923
Disk reads	34300
Disk writes	21652
Disk errors	
Non-fatal	0
Fatal	0

r 1316 1.135 18

24 users, 30 maximum

File System Meters

Deact count	6807
Ast grace	2:30.253
Used ASTs	235
Free ASTs	0
Held ASTs	124
Steps	1345339
Needc	301318
Ave.steps	4
Ceiling	10
Laps	6813
Skip wired	10946
Skip used	886201
Skip mod	145276
Skip os	1598
No. pages	178
Wired pages	17
Drum left	473
Drum reads	265357
Drum writes	129329
Drum errors	
Non-fatal	0
Fatal	0
Disk left	963
Disk reads	27934
Disk writes	17366
Disk errors	
Non-fatal	0
Fatal	0

r 1231 2.675 85

26 users, 30 maximum

r 1231 2.252 9

MPM69
 #users=21
 11/21/69
 MFTN3
 4.7f

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

USER NO	COMMAND	TIME	CPU TIME	NO OF P.F.
0	login	1330	5.591	211
	edm	1339	5.277	382
	fortran	1340	4.127	139
	edm	1345	2.951	203
	fortran	1346	4.608	247
	rename	1347	1.064	70
	print	1347	.563	29
	a_prime\$prime	1349	4.120	206
	list	1350	.994	60
	df	1351	1.460	84
	edm	1400	4.999	352
	fortran	1401	3.796	171
	edm	1406	2.962	189
	fortran	1407	3.530	158
	rename	1407	.381	20
	print	1408	.852	53
	b_prime\$prime	1409	2.054	101
	list	1410	.906	70
	← PDP error			

first half

***** 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	44.644	2534	66	676	—	—	38

 25.164 1230 1420 33 .762 — 43 --- first half of the script

MPM70
 # users = 25
 11/21/69
 MFTN3
 4.7 f

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

USER NO	COMMAND	TIME	CPU TIME	NO OF P.F.
0	login	1623	5.060	169
	edm	1633	6.253	352
	fortran	1634	5.089	227
	edm	1640	4.276	263
	fortran	1641	4.751	224
	rename	1642	1.082	61
	print	1643	.929	55
	a_prime\$prime	1644	4.307	254
	list	1645	1.198	73
	dn	1646	1.279	74
	edm	1655	4.965	374
	fortran	1656	3.299	131
	edm	1701	3.086	238
	fortran	1702	3.184	142
	rename	1703	.398	27
	print	1704	.775	52
	b_prime\$prime	1705	1.842	88
	list	1706	.770	47
	df	1709	.726	41
	Logout			

***** 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	48.209	2730	2723	66	.730	—	41
