

MPM81
 # users = 16
 12/30/69
 MFTN3
 5.1

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

USER NO	COMMAND	TIME	CPU TIME	NO OF P.F.
0	login	1352	5.790	200
	edm	1402	6.487	497
	fortran	1403	4.547	187
	edm	1408	3.300	236
	fortran	1408	4.975	245
	rename	1409	1.202	78
	print	1410	1.046	69
	a_prime\$prime	1411	3.569	154
	list	1412	1.038	57
	df	1413	1.696	104
	edm	1422	4.428	317
	fortran	1422	3.352	123
(edm	1427	2.597	972
	fortran	1427	3.759	184
	rename	1428	.436	26
	print	1429	.776	42
(b_prime\$prime	1430	2.090	86
	list	1431	.766	39
	df	1431	.810	58
	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	46.874	2310	2674	66	.710	—	40

MPM81

rm\$inc apt					
777777777777	1:41.8	000100000004	757042230656	7:52.0	016101000002
757042230665	3:47.4	000100000002	757042234632	61:14.5	204100000002
757042230711	2:23.5	000100000004	757042230743	7.3	001100000004
757042233507	50.8	001100000004	757042233260	18.3	001100000004
757042234715	79.5	001100000004	757042234654	70.6	001100000004
757042234617	93.6	001100000004	757042234513	90.2	001100000004
757042231421	2:07.1	000100000002	757042234527	61:89.2	001100000004
PDP-8 757042234347	47.4	100100000000	757042234066	4:37.8	001100000004
757042234566	2.0	001100000004	757042234700	18.7	001100000004
757042234325	35.3	034100000001	757042233556	6:37.5	000100000002
757042233766		001100000004	757042234175	1:37.6	001100000004
000000000000		000000000000	000000000000		000000000000

QJIT

r 1434 4.661 102

tcn all

Total metering time 0:40:57

Ave queue length(X10)	44
Max eligible	3
Te min (seconds)	2
Ti max (seconds)	8

IDLE TYPE	TIME	%
Total idle	0: 8: 3	20
Multi-prog idle	0: 2:22	6
Non-multi-prog idle	0: 3: 0	7
Zero idle	0: 2:40	7

COUNTER	TOTAL	ATB
Loadings	2127	1155
Blocks	1588	1547
Wakeups	1587	1548
Waits	70031	35
Notifies	126755	19
Schedulings	2198	1118
Interactions	1475	1666
Pre-empts	50470	48

Time	%Int	%Cum	Ave
0.0	78	78	200
0.5	11	89	710
1.0	4	93	1245
1.5	2	95	1726
2.0	0	95	2286
2.5	1	96	2867
3.0	0	96	3361
3.5	1	97	3883
4.0	0	97	4349
4.5	0	97	4863
5.0	0	97	5374
5.5	0	97	5810
6.0	0	97	6418
6.5	0	97	6979
7.0	0	97	7564
7.5	1	98	7932

DEPTH	%PF	TBPF	%GTW	TBS	%CPU
1	53	29	43	24	55
2	31	28	37	16	32
3	16	23	20	12	13

r 1435 2.338 66

fsm

File System Meters

Deact count	6040
Ast grace	3:25.36
Used ASTs	247
Free ASTs	2
Held ASTs	96
Steps	2239014
Needc	506047
Ave.steps	4
Ceiling	97
Laps	11391
Skip wired	28013
Skip used	1468010
Skip mod	236298
Skip os	646
No. pages	177
Wired pages	19
	DRUM DSU270 DS10
Left	1377 496 2903
Reads	452670 34822 4191
Writes	217007 19714 1752
N/Errors	1-?:05865216 0
F/Errors	0>227098335 200000

r 1436 1.346 50

hmu

PO(2, 15), P1(12, 12), P2(5, 6); Total: 19 users, 30 max.
r 1436 .579 44

File System Meters

Deact count	5150
Ast grace	3:33.171
Used ASTs	255
Free ASTs	0
Held ASTs	84
Steps	1871867
Needc	424396
Ave.steps	4
Ceiling	97
Laps	9517
Skip wired	23906
Skip used	1224451
Skip mod	198528
Skip os	586
No. pages	177
Wired pages	19
	DRUM DSU270 DS10
Left	1427 502 2939
Reads	378309 30917 2933
Writes	182126 17250 1091
N/Errors	1-?:05865216 0
F/Errors	0>227098239 200000

r 1352 2.586 77