FORUM LIST

W.J. Burner
C.T. Clingen
J.W. Gintell
Prof. J. Saltzer
R.E. Shoemaker

R.J. Chevalier
R. Daley
J.G. Regester
G.M. Lundberg
D. Clark

Honeywell

To: List of attendees cc: List

Subject: FORUM Minutes for 17, June, 1975

Attendees: G. Ackerman-Lewis E.D. Kleinow J.R. Steinberg
R.M. Gross R.A. Roach
D.M. Jordan L.J. Ryan

Hardware - E.D. Kleinow

- Memory Problems - SCU-C Store B. Had intermittent parity errors. FED changed ZB Board on 11, June, with no recurrence of problem since.

  SCU-A Store A. High voltage power supply failed. Replacement unit in from Phoenix.

- Processors - Roach reported failure of CSL instruction on metering runs. CISL looking into this condition.

- Firmware - Problems with tapes since new version of software and/or firmware. Jordan will contact Noel Morris.

Software - D.M. Jordan

- MSS 25.7A installed
- Bug #365 (sucurity bug) has been fixed.
- All start-up crashes relating to adding a CPU have been analyzed (6 month history). All but a couple traced to the start-up fault problem. No troubles have occured since swapping boards between CPU's.

- Noel Morris will try to get PRT Hood pop-up change made during July.

- Priority 1 bugs.
  - 357 Submitted
  - 365 Fixed
  - 372 Fix known but not submitted.

Other

- All in house DSU190's are now on-line. Any disk problem will result in total system down time until it is fixed.

RJC for:

RJC/caa R.M. Gross

Massachusetts Institute of Technology
Programming Development Office
Cambridge, Massachusetts 02139

To: Forum Attendants

From: Grace E. Ackerman-Lewis

Date: June 17, 1975

Subject: Multics Availability May 31 - June 15

Summary of Lost Time

	# of Crashes	Time Lost Crashes	Time Lost Other	Total
Hardware:	3	3:20	0:00	3:20
Operations:	0	0:00	1:19	1:19
Total:	3	3:38	1:19	4:57

Total lost time/Scheduled up time = 4:47/175:00 = .027 (97.3% up time)

May lost time = 14:05
June month-to-date lost time = 4:57

#	Down At	Up At	Time Lost	Time Lost Due To
1	09:00 06/06	09:18 06/06	Crash, ERF 319	00:18 H Parity errors SCU-C
2	15:16 06/07	13:04 06/08	Crash, ERF 320	21:48 H Mem-A STR-A dropped power
3	14:56 06/10	15:44 06/10	Crash, ERF 321	00:48 H Parity errors SCU-C

Saturday 5/31	Sunday 6/1	Monday 6/2	Tuesday 6/3	Wednesday 6/4	Thursday 6/5	Friday 6/6
00:00						
01:00						
02:00						
03:00						
04:00						
05:00						
06:00						
07:00						
08:00						
09:00						1
10:00						
11:00						
12:00						
13:00						
14:00						
15:00						
16:00						
17:00						
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						

00:0 01:0 02:0 03:0 04:0 05:0 06:0 07:0 08:0 09:0 10:0 11:0 12:0 13:0 14:0 15:0 16:0 17:0 18:0 19:0 20:0 21:0 22:0 23:0

Saturday 6/7	Sunday 6/8	Monday 6/9	Tuesday 6/10	Wednesday 6/11	Thursday 6/12	Friday 6/13
2	2 (con.)		3			

Information Processing Center

Multics availability for last week to 06/14/75 2359.0

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Time
00001	321	10.0 1 320 2.01	7.0 2 384 2.01	shutdown	17.0 2 384 2.01	18.0 2 384 2.01	11.0 2 384 2.01	
	321	11.0 1 320 2.01	10.0 2 384 2.01	shutdown	14.0 2 384 2.01	15.0 2 384 2.01	10.0 2 384 2.01	
00301	321	10.0 1 320 2.01	10.0 2 384 2.01	shutdown	17.0 2 384 2.01	13.0 2 384 2.01	10.0 2 384 2.0100301	
	321	9.0 1 320 2.01	11.0 2 384 2.01	shutdown	17.0 2 384 2.01	12.0 2 384 2.01	9.0 2 384 2.01	
01001	321	9.0 1 320 2.01	9.0 2 384 2.01	shutdown	9.0 2 384 2.01	11.0 2 384 2.01	9.0 2 384 2.0101001	
	321	8.0 1 320 2.01	9.0 2 384 2.01	shutdown	10.0 2 384 2.01	10.0 2 384 2.01	8.0 2 384 2.01	
01301	321	9.0 1 320 2.01	7.0 2 384 2.01	shutdown	10.0 2 384 2.01	11.0 2 384 2.01	8.0 2 384 2.0101301	
	321	8.0 1 320 2.01	7.0 2 384 2.01	shutdown	8.0 2 384 2.01	10.0 2 384 2.01	8.0 2 384 2.01	
02001	321	9.0 1 320 2.01	7.0 2 384 2.01	shutdown	8.0 2 384 2.01	9.0 2 384 2.01	8.0 2 384 2.0102001	
	321	8.0 1 320 2.01	7.0 2 384 2.01	shutdown	7.0 2 384 2.01	8.0 2 384 2.01	9.0 2 384 2.01	
02301	321	8.0 1 320 2.01	7.0 2 384 2.01	shutdown	7.0 2 384 2.01	8.0 2 384 2.01	8.0 2 384 2.0102301	
	321	7.0 1 320 2.01	8.0 2 384 2.01	shutdown	8.0 2 384 2.01	8.0 2 384 2.01	7.0 2 384 2.01	
03001	321	7.0 1 320 2.01	8.0 2 384 2.01	shutdown	8.0 2 384 2.01	7.0 2 384 2.01	7.0 2 384 2.0103001	
	321	7.0 1 320 2.01	8.0 2 384 2.01	shutdown	7.0 2 384 2.01	8.0 2 384 2.01	7.0 2 384 2.01	
03301	321	7.0 1 320 2.01	8.0 2 384 2.01	shutdown	7.0 2 384 2.01	8.0 2 384 2.01	8.0 2 384 2.0103301	
	321	7.0 1 320 2.01	7.0 2 384 2.01	shutdown	7.0 2 384 2.01	8.0 2 384 2.01	8.0 2 384 2.01	
04001	321	7.0 1 320 2.01	8.0 2 384 2.01	shutdown	7.0 2 384 2.01	9.0 2 384 2.01	8.0 2 384 2.0104001	
	321	7.0 1 320 2.01	7.0 2 384 2.01	shutdown	6.0 2 384 2.01	8.0 2 384 2.01	8.0 2 384 2.01	
04301	321	5.0 1 320 2.01	7.0 2 384 2.01	shutdown	6.0 2 384 2.01	8.0 2 384 2.01	7.0 2 384 2.0104301	
	321	5.0 1 320 2.01	7.0 2 384 2.01	shutdown	6.0 2 384 2.01	7.0 2 384 2.01	7.0 2 384 2.01	
05001	321	5.0 1 320 2.01	6.0 2 384 2.01	shutdown	6.0 2 384 2.01	6.0 2 384 2.01	7.0 2 384 2.0105001	
	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	5.0 2 384 2.01	7.0 2 384 2.01	7.0 2 384 2.01	
05301	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	4.0 2 384 2.01	7.0 2 384 2.01	7.0 2 384 2.0105301	
	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	4.0 2 384 2.01	6.0 2 384 2.01	7.0 2 384 2.01	
06001	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	4.0 2 384 2.01	6.0 2 384 2.01	7.0 2 384 2.0106001	
	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	4.0 2 384 2.01	6.0 2 384 2.01	6.0 2 384 2.01	
06301	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	4.0 2 384 2.01	6.0 2 384 2.01	6.0 2 384 2.0106301	
	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	0.0 1 384 2.01	6.0 2 384 2.01	6.0 2 384 2.01	
07001	321	0.0 1 320 2.01	5.0 2 384 2.01	shutdown	shutdown	crash	6.0 2 384 2.0107001	
	321	shutdown	321	shutdown	41.0 1 256 2.01	shutdown	6.0 2 384 2.01	
07301	321	shutdown	shutdown	2.0 1 384 2.01	41.0 1 256 2.01	shutdown	6.0 2 384 2.0107301	
	321	shutdown	shutdown	41.0 1 384 2.01	41.0 1 256 2.01	shutdown	6.0 2 384 2.01	
08001	321	shutdown	shutdown	41.0 1 384 2.01	40.0 1 256 2.01	shutdown	6.0 2 384 2.0108001	
	321	shutdown	shutdown	38.0 1 384 2.01	0.0 1 256 2.01	shutdown	6.0 2 384 2.01	
08301	321	shutdown	shutdown	0.0 1 384 2.01	shutdown	shutdown	6.0 2 384 2.0108301	
	321	shutdown	shutdown	shutdown	shutdown	shutdown	6.0 2 384 2.01	
09001	321	shutdown	shutdown	shutdown	13.0 2 384 2.01	10.0 1 384 2.01	6.0 2 384 2.0109001	
	321	shutdown	15.0 2 256 2.01	17.0 2 384 2.01	14.0 2 384 2.01	18.0 2 384 2.01	6.0 2 384 2.01	
09301	321	8.0 2 384 2.01	18.0 2 256 2.01	22.0 2 384 2.01	22.0 2 384 2.01	23.0 2 384 2.01	8.0 2 384 2.0109301	
	321	26.0 2 384 2.01	22.0 2 256 2.01	25.0 2 384 2.01	27.0 2 384 2.01	28.0 2 384 2.01	9.0 2 384 2.01	
10001	321	31.0 2 384 2.01	25.0 2 256 2.01	30.0 2 384 2.01	25.0 2 384 2.01	32.0 2 384 2.01	9.0 2 384 2.01	
	321	33.0 2 384 2.01	27.0 2 256 2.01	33.0 2 384 2.01	26.0 2 384 2.01	32.0 2 384 2.01	9.0 2 384 2.0	
10301	321	38.0 2 384 2.01	38.0 2 256 2.01	39.0 2 384 2.01	34.0 2 384 2.01	37.0 2 384 2.01	10.0 2 384 2.01	
	321	43.0 2 384 2.01	38.0 2 256 2.01	43.0 2 384 2.01	32.0 2 384 2.01	38.0 2 384 2.01	11.0 2 384 2.01	
11001	321	42.0 2 384 2.01	36.0 2 256 2.01	46.0 2 384 2.01	34.0 2 384 2.01	37.0 2 384 2.01	11.0 2 384 2.0111001	
	321	43.0 2 384 2.01	39.0 2 256 2.01	41.0 2 384 2.01	38.0 2 384 2.01	38.0 2 384 2.01	15.0 2 384 2.01	
11301	321	39.0 2 384 2.01	40.0 2 256 2.01	43.0 2 384 2.01	39.0 2 384 2.01	43.0 2 384 2.01	17.0 2 384 2.0111301	
	321	39.0 2 384 2.01	39.0 2 256 2.01	40.0 2 384 2.01	35.0 2 384 2.01	42.0 2 384 2.01	16.0 2 384 2.01	
12001	321	37.0 2 384 2.01	39.0 2 256 2.01	45.0 2 384 2.01	28.0 2 384 2.01	34.0 2 384 2.01	17.0 2 384 2.0112001	
	321	35.0 2 384 2.01	36.0 2 256 2.01	43.0 2 384 2.01	28.0 2 384 2.01	39.0 2 384 2.01	17.0 2 384 2.01	
12301	321	38.0 2 384 2.01	38.0 2 256 2.01	42.0 2 384 2.01	32.0 2 384 2.01	35.0 2 384 2.01	15.0 2 384 2.0112301	
	321	37.0 2 384 2.01	38.0 2 256 2.01	36.0 2 384 2.01	32.0 2 384 2.01	35.0 2 384 2.01	13.0 2 384 2.01	
13001	14.0 1 320 2.01	37.0 2 384 2.01	34.0 2 256 2.01	37.0 2 384 2.01	28.0 2 384 2.01	35.0 2 384 2.01	13.0 2 384 2.0113001	
	40.0 2 384 2.01	37.0 2 256 2.01	39.0 2 384 2.01	32.0 2 384 2.01	39.0 2 384 2.01	13.0 2 384 2.01		
13301	18.0 1 320 2.01	35.0 2 384 2.01	36.0 2 256 2.01	35.0 2 384 2.01	30.0 2 384 2.01	39.0 2 384 2.01	14.0 2 384 2.0113301	
	17.0 1 320 2.01	35.0 2 384 2.01	37.0 2 256 2.01	40.0 2 384 2.01	46.0 2 384 2.01	47.0 2 384 2.01	14.0 2 384 2.01	
14001	17.0 1 320 2.01	44.0 2 384 2.01	39.0 2 256 2.01	41.0 2 384 2.01	45.0 2 384 2.01	44.0 2 384 2.01	14.0 2 384 2.0114001	
	20.0 1 320 2.01	49.0 2 384 2.01	39.0 2 256 2.01	45.0 2 384 2.01	36.0 2 384 2.01	44.0 2 384 2.01	15.0 2 384 2.01	
14301	22.0 1 320 2.01	52.0 2 384 2.01	40.0 2 256 2.01	47.0 2 384 2.01	36.0 2 384 2.01	41.0 2 384 2.01	17.0 2 384 2.0114301	
	23.0 1 320 2.01	54.0 2 384 2.01	crash	48.0 2 384 2.01	38.0 2 384 2.01	37.0 2 384 2.01	16.0 2 384 2.01	
15001	23.0 1 320 2.01	50.0 2 384 2.01	crash	45.0 2 384 2.01	40.0 2 384 2.01	36.0 2 384 2.01	16.0 2 384 2.0115001	
	20.0 1 320 2.01	43.0 2 384 2.01	crash	48.0 2 384 2.01	40.0 2 384 2.01	42.0 2 384 2.01	15.0 2 384 2.01	
15301	20.0 1 320 2.01	40.0 2 384 2.01	crash	48.0 2 384 2.01	41.0 2 384 2.01	44.0 2 384 2.01	15.0 2 384 2.0115301	
	22.0 1 320 2.01	44.0 2 384 2.01	9.0 1 256 2.01	44.0 2 384 2.01	46.0 2 384 2.01	46.0 2 384 2.01	15.0 2 384 2.01	
16001	24.0 1 320 2.01	42.0 2 384 2.01	26.0 2 256 2.01	44.0 2 384 2.01	46.0 2 384 2.01	45.0 2 384 2.01	17.0 2 384 2.01	
	24.0 1 321 2.01	44.0 2 384 2.01	27.0 2 256 2.01	45.0 2 384 2.01	45.0 2 384 2.01	44.0 2 384 2.01	15.0 2 384 2.01	
16301	26.0 1 320 2.01	49.0 2 384 2.01	36.0 2 256 2.01	40.0 2 384 2.01	46.0 2 384 2.01	47.0 2 384 2.01	16.0 2 384 2.0116301	
	24.0 1 320 2.01	51.0 2 384 2.01	35.0 2 256 2.01	41.0 2 384 2.01	43.0 2 384 2.01	50.0 2 384 2.01	14.0 2 384 2.01	
17001	26.0 1 320 2.01	44.0 2 384 2.01	33.0 2 256 2.01	44.0 2 384 2.01	41.0 2 384 2.01	45.0 2 384 2.01	12.0 2 384 2.0117001	
	24.0 1 320 2.01	35.0 2 384 2.01	35.0 2 256 2.01	38.0 2 384 2.01	39.0 2 384 2.01	48.0 2 384 2.01	14.0 2 384 2.01	
17301	23.0 1 320 2.01	36.0 2 384 2.01	35.0 2 256 2.01	32.0 2 384 2.01	33.0 2 384 2.01	43.0 2 384 2.01	10.0 2 384 2.0117301	
	22.0 1 320 2.01	29.0 2 384 2.01	33.0 2 256 2.01	28.0 2 384 2.01	28.0 2 384 2.01	31.0 2 384 2.01	8.0 2 384 2.01	
18001	23.0 1 320 2.01	30.0 2 384 2.01	29.0 2 256 2.01	26.0 2 384 2.01	21.0 2 384 2.01	27.0 2 384 2.01	9.0 2 384 2.0118001	
	21.0 1 320 2.01	27.0 2 384 2.01	24.0 2 256 2.01	21.0 2 384 2.01	16.0 2 384 2.01	26.0 2 384 2.01	9.0 2 384 2.01	
18301	13.0 1 320 2.01	28.0 2 384 2.01	26.0 2 256 2.01	19.0 2 384 2.01	20.0 2 384 2.01	22.0 2 384 2.01	8.0 2 384 2.0118301	
	12.0 1 320 2.01	27.0 2 384 2.01	24.0 2 256 2.01	18.0 2 384 2.01	19.0 2 384 2.01	18.0 2 384 2.01	9.0 2 384 2.01	
19001	13.0 1 320 2.01	25.0 2 384 2.01	23.0 2 256 2.01	19.0 2 384 2.01	21.0 2 384 2.01	17.0 2 384 2.01	10.0 2 384 2.0119001	
	15.0 1 320 2.01	24.0 2 384 2.01	19.0 2 256 2.01	17.0 2 384 2.01	18.0 2 384 2.01	15.0 2 384 2.01	12.0 2 384 2.01	
19301	16.0 1 320 2.01	28.0 2 384 2.01	22.0 2 256 2.01	18.0 2 384 2.01	19.0 2 384 2.01	15.0 2 384 2.01	12.0 2 384 2.0119301	
	15.0 1 320 2.01	26.0 2 384 2.01	20.0 2 256 2.01	17.0 2 384 2.01	18.0 2 384 2.01	14.0 2 384 2.01	11.0 2 384 2.01	
20001	17.0 1 320 2.01	26.0 2 384 2.01	21.0 2 256 2.01	14.0 2 384 2.01	19.0 2 384 2.01	14.0 2 384 2.01	10.0 2 384 2.0120001	
	18.0 1 320 2.01	20.0 2 384 2.01	19.0 2 256 2.01	15.0 2 384 2.01	21.0 2 384 2.01	15.0 2 384 2.01	9.0 2 384 2.01	
20301	20.0 1 320 2.01	24.0 2 384 2.01	19.0 2 256 2.01	20.0 2 384 2.01	20.0 2 384 2.01	15.0 2 384 2.01	8.0 2 384 2.0	
	20.0 1 320 2.01	22.0 2 384 2.01	19.0 2 256 2.01	23.0 2 384 2.01	19.0 2 384 2.01	16.0 2 384 2.01	9.0 2 384 2.0	
21001	20.0 1 320 2.01	21.0 2 384 2.01	20.0 2 256 2.01	23.0 2 384 2.01	20.0 2 384 2.01	16.0 2 384 2.01	8.0 2 384 2.0121001	
	21.0 1 320 2.01	19.0 2 384 2.01	26.0 2 256 2.01	21.0 2 384 2.01	21.0 2 384 2.01	17.0 2 384 2.01	10.0 2 384 2.01	
21301	22.0 1 320 2.01	21.0 2 384 2.01	30.0 2 256 2.01	25.0 2 384 2.01	20.0 2 384 2.01	22.0 2 384 2.01	10.0 2 384 2.0121301	
	21.0 1 320 2.01	18.0 2 384 2.01	28.0 2 256 2.01	27.0 2 384 2.01	17.0 2 384 2.01	23.0 2 384 2.01	10.0 2 384 2.01	
22001	19.0 1 320 2.01	18.0 2 384 2.01	0.0 2 256 2.01	29.0 2 384 2.01	21.0 2 384 2.01	22.0 2 384 2.01	11.0 2 384 2.0122001	
	16.0 1 320 2.01	17.0 2 384 2.01	shutdown	28.0 2 384 2.01	18.0 2 384 2.01	19.0 2 384 2.01	11.0 2 384 2.01	
22301	15.0 1 320 2.01	17.0 2 384 2.01	shutdown	26.0 2 384 2.01	18.0 2 384 2.01	16.0 2 384 2.01	10.0 2 384 2.0122301	
	17.0 1 320 2.01	16.0 2 384 2.01	shutdown	25.0 2 384 2.01	20.0 2 384 2.01	16.0 2 384 2.01	10.0 2 384 2.01	
23001	14.0 1 320 2.01	15.0 2 384 2.01	shutdown	24.0 2 384 2.01	22.0 2 384 2.01	16.0 2 384 2.01	11.0 2 384 2.0123001	
	14.0 1 320 2.01	14.0 2 384 2.01	shutdown	23.0 2 384 2.01	22.0 2 384 2.01	15.0 2 384 2.01	12.0 2 384 2.01	
23301	12.0 1 320 2.01	14.0 2 384 2.01	shutdown	21.0 2 384 2.01	22.0 2 384 2.01	15.0 2 384 2.01	11.0 2 384 2.0123301	

This segment contains a list of known CPU hardware bugs/deficiencies.

084			
083	06/13/75	*** 2	CSL causes 2-bit shift at boundsfault boundary (PHA8-PG070)
082	04/19/75	*** 2	IPR faults occur if target string of move (etc) is zero length.
081	01/15/75	Inst	CMPN does not always work
080	01/15/75	ENG 2	CMPC sometimes fails
079	10/14/74	ENG 2	Bounds faults not being recognized on decimal instructions (PHA8-PE036, PHA8-PG060)
078	10/14/74	Inst	Ring alarm faults are only sampled at RTCD time (PHA8-PE052)
077	10/14/74	*** 2	Packed pointer load faults (FCO released)
076	09/05/74	Inst	CMPC sometimes fails at page boundaries.
075	08/26/74	Inst	MLR sometimes stores extra fill characters.
074	08/05/74	Inst	CMPC sometimes fails with multiple page faults.
073	05/02/74	*** 1	MLR (CMPC, etc) will not work with 1048576 characters.
072	05/02/74	Inst	ADWP sometimes fetches operand from even word instead of odd.
071	05/02/74	*** 2	CMPB fails with certain bit offsets not on character boundaries.
070	03/25/74	Inst	XED'd instructions fail to do indexing correctly (PHA8-PE052)
069	03/18/74	Inst	MLR and CMPC place fill characters in last few words at page bdry
068	03/11/74	Inst	MPY gets overflow on -2**35 inst -2**35.
067	02/14/74	Inst	MLR sometimes places 8 zeros near page boundary.
066	02/14/74	Inst	MVN gets fixedoverflow when moving 02.
065	02/13/74	Inst	MLR sometimes changes a single character to fill character at page boundary.
064	02/12/74	Inst	MLR moves 8 characters extra at page boundary.
063	02/06/74	Inst	CMPC fails at connect fault time processing fill chars.
062	02/04/74	Inst	CSL instruction fails across boundfault boundaries.
061	01/24/74	Inst	MVT sometimes fails if take page fault on table.
060	01/12/74	Inst	MLR gets op-not-completes.
059	01/12/74	Inst	MLR get no-write-permission by miscalculating TSR.
058	01/12/74	Inst	CMPC sometimes gives wrong results.
057	01/03/74	Inst	MLR instruction fails across boundfault boundaries.
056	01/03/74	Inst	SREG gets op-not-complete if at end of page.
042	10/13/73	Inst	CI and/or SC modification does not always work.

The severity of the problem is interpreted as follows:

1. Severe, the problem is holding up system progress.
2. Medium, the problem is annoying but can be circumvented.
3. Slight, the problem is not very serious.

***. Fix known, awaiting installation.

(END)

To: Administrative Distribution

From: Grace Ackerman-Lewis

Date: June 17, 1975

Subject: Multics Crash Analysis for May 31, - June 13

Total number of crashes = 3 (ERF's 319 - 321)

Hardware:

Parity errors SCU-C	2
Memory-A STR-A dropped power	1
	3

#	sys.	date	time	type	brief explanation
	25./a	06/13//5			NO CRASHES
	25./a	06/12/75			NO CRASHES
	25./	06/11/75			NO CRASHES
321	25.6	06/10/75	14:50	H	Parity errors SCU-C Store "B"
	25.6	06/09/75			NO CRASHES
	25.6	06/08//5			NO CRASHES
320	25.6	06/0///5	16:20	H	Mem-A STR-A dropped power
319	25.6	06/06//5	09:00	H	Parity errors SCU-C
	25.6	06/05//5			NO CRASHES
	25.6	06/04/75			NO CRASHES
	25.6	06/03/75			NO CRASHES
	25.6	06/02/75			NO CRASHES
	25.6	06/01/75			NO CRASHES
	25.6	05/31/75			NO CRASHES

Multics availability for last week to 06/07/75 2359.0

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Time
00001	10.0 2 384 2.01	9.0 2 256 2.01	13.0 2 256 2.01	12.0 1 256 2.01	12.0 2 256 2.01	13.0 2 256 2.01	11.0 2 256 2.01	00001
	11.0 2 384 2.01	9.0 2 256 2.01	13.0 2 256 2.01	13.0 1 256 2.01	14.0 2 256 2.01	13.0 2 256 2.01	10.0 2 256 2.01	
00301	8.0 2 384 2.01	8.0 2 256 2.01	12.0 2 256 2.01	12.0 1 256 2.01	13.0 2 256 2.01	15.0 2 256 2.01	10.0 2 256 2.01	00301
	8.0 2 384 2.01	7.0 2 256 2.01	13.0 2 256 2.01	12.0 1 256 2.01	19.0 2 256 2.01	15.0 2 256 2.01	9.0 2 256 2.01	
01001	7.0 2 384 2.01	6.0 2 256 2.01	13.0 2 256 2.01	11.0 1 256 2.01	15.0 2 256 2.01	13.0 2 256 2.01	9.0 2 256 2.01	01001
	8.0 2 384 2.01	7.0 2 256 2.01	12.0 2 256 2.01	11.0 1 256 2.01	13.0 2 256 2.01	13.0 2 256 2.01	9.0 2 256 2.01	
01301	9.0 2 384 2.01	7.0 2 256 2.01	12.0 2 256 2.01	10.0 1 256 2.01	11.0 2 256 2.01	16.0 2 256 2.01	9.0 2 256 2.01	01301
	9.0 2 384 2.01	7.0 2 256 2.01	12.0 2 256 2.01	9.0 1 256 2.01	9.0 2 256 2.01	17.0 2 256 2.01	9.0 2 256 2.01	
02001	8.0 2 384 2.01	8.0 2 256 2.01	14.0 2 256 2.01	10.0 1 256 2.01	9.0 2 256 2.01	17.0 2 256 2.01	8.0 2 256 2.01	02001
	8.0 2 384 2.01	8.0 2 256 2.01	13.0 2 256 2.01	11.0 1 256 2.01	9.0 2 256 2.01	16.0 2 256 2.01	7.0 2 256 2.01	
02301	8.0 2 384 2.01	8.0 2 256 2.01	11.0 2 256 2.01	10.0 1 256 2.01	9.0 2 256 2.01	15.0 2 256 2.01	7.0 2 256 2.01	02301
	8.0 2 384 2.01	7.0 2 256 2.01	11.0 2 256 2.01	10.0 1 256 2.01	9.0 2 256 2.01	16.0 2 256 2.01	7.0 2 256 2.01	
03001	8.0 2 384 2.01	8.0 2 256 2.01	12.0 2 256 2.01	7.0 1 256 2.01	10.0 2 256 2.01	15.0 2 256 2.01	7.0 2 256 2.01	03001
	8.0 2 384 2.01	8.0 2 256 2.01	10.0 2 256 2.01	8.0 1 256 2.01	8.0 2 256 2.01	16.0 2 256 2.01	7.0 2 256 2.01	
03301	8.0 2 384 2.01	5.0 2 256 2.01	12.0 2 256 2.01	9.0 1 256 2.01	9.0 2 256 2.01	17.0 2 256 2.01	7.0 2 256 2.01	03301
	8.0 2 384 2.01	5.0 2 256 2.01	10.0 2 256 2.01	7.0 1 256 2.01	7.0 2 256 2.01	15.0 2 256 2.01	6.0 2 256 2.01	
04001	7.0 2 384 2.01	5.0 2 256 2.01	11.0 2 256 2.01	6.0 1 256 2.01	5.0 2 256 2.01	12.0 2 256 2.01	6.0 2 256 2.01	04001
	7.0 2 384 2.01	5.0 2 256 2.01	11.0 2 256 2.01	6.0 1 256 2.01	5.0 2 256 2.01	11.0 2 256 2.01	6.0 2 256 2.01	
04301	8.0 2 384 2.01	4.0 2 256 2.01	10.0 2 256 2.01	6.0 1 256 2.01	5.0 2 256 2.01	11.0 2 256 2.01	6.0 2 256 2.01	04301
	7.0 2 384 2.01	4.0 2 256 2.01	7.0 2 256 2.01	6.0 1 256 2.01	5.0 2 256 2.01	12.0 2 256 2.01	5.0 2 256 2.01	
05001	7.0 2 384 2.01	4.0 2 256 2.01	7.0 2 256 2.01	5.0 1 256 2.01	5.0 2 256 2.01	11.0 2 256 2.01	5.0 2 256 2.01	05001
	7.0 2 384 2.01	4.0 2 256 2.01	7.0 2 256 2.01	6.0 1 256 2.01	5.0 2 256 2.01	10.0 2 256 2.01	5.0 2 256 2.01	
05301	7.0 2 384 2.01	4.0 2 256 2.01	7.0 2 256 2.01	6.0 1 256 2.01	6.0 2 256 2.01	8.0 2 256 2.01	5.0 2 256 2.01	05301
	7.0 2 384 2.01	4.0 2 256 2.01	7.0 2 256 2.01	7.0 1 256 2.01	6.0 2 256 2.01	6.0 2 256 2.01	5.0 2 256 2.01	
06001	7.0 2 384 2.01	4.0 2 256 2.01	7.0 2 256 2.01	6.0 1 256 2.01	6.0 2 256 2.01	5.0 2 256 2.01	6.0 2 256 2.01	06001
	7.0 2 384 2.01	4.0 2 256 2.01	5.0 2 256 2.01	6.0 1 256 2.01	5.0 2 256 2.01	5.0 2 256 2.01	6.0 2 256 2.01	
06301	7.0 2 384 2.01	4.0 2 256 2.01	5.0 2 256 2.01	5.0 1 256 2.01	5.0 2 256 2.01	5.0 2 256 2.01	6.0 2 256 2.01	06301
	7.0 2 384 2.01	4.0 2 256 2.01	0.0 1 256 2.01	4.0 1 256 2.01	5.0 2 256 2.01	0.0 1 256 2.01	6.0 2 256 2.01	
07001	6.0 2 384 2.01	0.0 1 256 2.01	shutdown	0.0 1 256 2.01	999	shutdown	6.0 2 256 2.01	07001
	6.0 2 384 2.01	41.0 1 256 2.01	shutdown	shutdown	shutdown	shutdown	6.0 2 256 2.01	
07301	6.0 2 384 2.01	41.0 1 256 2.01	shutdown	shutdown	shutdown	shutdown	6.0 2 256 2.01	07301
	6.0 2 384 2.01	41.0 1 256 2.01	shutdown	shutdown	shutdown	shutdown	0.0 1 256 2.01	
08001	6.0 2 384 2.01	37.0 1 256 2.01	shutdown	shutdown	shutdown	shutdown	shutdown	08001
	0.0 1 384 2.01	0.0 1 256 2.01	shutdown	shutdown	shutdown	shutdown	shutdown	
08301	shutdown	shutdown	shutdown	shutdown	shutdown	shutdown	shutdown	08301
	shutdown	8.0 2 384 2.01	shutdown	shutdown	shutdown	shutdown	shutdown	
09001	shutdown	15.0 2 384 2.01	shutdown	shutdown	shutdown	shutdown	shutdown	09001
	shutdown	14.0 2 384 2.01	19.0 2 384 2.01	16.0 2 384 2.01	17.0 2 384 2.01	shutdown	shutdown	
09301	shutdown	20.0 2 384 2.01	23.0 2 384 2.01	28.0 2 384 2.01	25.0 2 384 2.01	18.0 2 384 2.01	shutdown	09301
	shutdown	25.0 2 384 2.01	26.0 2 384 2.01	29.0 2 384 2.01	30.0 2 384 2.01	26.0 2 384 2.01	shutdown	
10001	shutdown	31.0 2 384 2.01	29.0 2 384 2.01	34.0 2 384 2.01	35.0 2 384 2.01	30.0 2 384 2.01	shutdown	10001
	shutdown	30.0 2 384 2.01	29.0 2 384 2.01	35.0 2 384 2.01	40.0 2 384 2.01	35.0 2 384 2.01	8.0 2 384 2.01	
10301	shutdown	35.0 2 384 2.01	36.0 2 384 2.01	38.0 2 384 2.01	39.0 2 384 2.01	35.0 2 384 2.01	11.0 2 384 2.01	10301
	shutdown	37.0 2 384 2.01	39.0 2 384 2.01	40.0 2 384 2.01	48.0 2 384 2.01	37.0 2 384 2.01	13.0 2 384 2.01	
11001	13.0 2 384 2.01	38.0 2 384 2.01	43.0 2 384 2.01	30.0 2 384 2.01	42.0 2 384 2.01	46.0 2 384 2.01	13.0 2 384 2.01	11001
	14.0 2 384 2.01	36.0 2 384 2.01	43.0 2 384 2.01	30.0 2 384 2.01	43.0 2 384 2.01	43.0 2 384 2.01	14.0 2 384 2.01	
11301	14.0 2 384 2.01	37.0 2 384 2.01	39.0 2 384 2.01	34.0 2 384 2.01	46.0 2 384 2.01	43.0 2 384 2.01	16.0 2 384 2.01	11301
	15.0 2 384 2.01	41.0 2 384 2.01	44.0 2 384 2.01	31.0 2 384 2.01	48.0 2 384 2.01	43.0 2 384 2.01	18.0 2 384 2.01	
12001	14.0 2 384 2.01	38.0 2 384 2.01	47.0 2 384 2.01	33.0 2 384 2.01	41.0 2 384 2.01	39.0 2 384 2.01	16.0 2 384 2.01	12001
	14.0 2 384 2.01	35.0 2 384 2.01	38.0 2 384 2.01	32.0 2 384 2.01	36.0 2 384 2.01	42.0 2 384 2.01	15.0 2 384 2.01	
12301	15.0 2 384 2.01	40.0 2 384 2.01	32.0 2 384 2.01	34.0 2 384 2.01	38.0 2 384 2.01	46.0 2 384 2.01	15.0 2 384 2.01	12301
	16.0 2 384 2.01	39.0 2 384 2.01	34.0 2 384 2.01	33.0 2 384 2.01	36.0 2 384 2.01	43.0 2 384 2.01	13.0 2 384 2.01	
13001	16.0 2 384 2.01	40.0 2 384 2.01	35.0 2 384 2.01	39.0 2 384 2.01	33.0 2 384 2.01	44.0 2 384 2.01	14.0 2 384 2.01	13001
	15.0 2 384 2.01	34.0 2 384 2.01	33.0 2 384 2.01	43.0 2 384 2.01	35.0 2 384 2.01	43.0 2 384 2.01	13.0 2 384 2.01	
13301	15.0 2 384 2.01	32.0 2 384 2.01	37.0 2 384 2.01	46.0 2 384 2.01	36.0 2 384 2.01	40.0 2 384 2.01	13.0 2 384 2.01	13301
	16.0 2 384 2.01	41.0 2 384 2.01	38.0 2 384 2.01	46.0 2 384 2.01	36.0 2 384 2.01	36.0 2 384 2.01	14.0 2 384 2.01	
14001	18.0 2 384 2.01	42.0 2 384 2.01	35.0 2 384 2.01	52.0 2 384 2.01	40.0 2 384 2.01	38.0 2 384 2.01	13.0 2 384 2.01	14001
	16.0 2 384 2.01	46.0 2 384 2.01	38.0 2 384 2.01	58.0 2 384 2.01	42.0 2 384 2.01	41.0 2 384 2.01	15.0 2 384 2.01	
14301	17.0 2 384 2.01	53.0 2 384 2.01	41.0 2 384 2.01	56.0 2 384 2.01	44.0 2 384 2.01	40.0 2 384 2.01	14.0 2 384 2.01	14301
	18.0 2 384 2.01	51.0 2 384 2.01	42.0 2 384 2.01	52.0 2 384 2.01	48.0 2 384 2.01	45.0 2 384 2.01	15.0 2 384 2.01	
15001	15.0 2 384 2.01	47.0 2 384 2.01	40.0 2 384 2.01	51.0 2 384 2.01	48.0 2 384 2.01	43.0 2 384 2.01	16.0 2 384 2.01	15001
	16.0 2 384 2.01	51.0 2 384 2.01	36.0 2 384 2.01	55.0 2 384 2.01	53.0 2 384 2.01	43.0 2 384 2.01	16.0 2 384 2.01	
15301	16.0 2 384 2.01	51.0 2 384 2.01	40.0 2 384 2.01	53.0 2 384 2.01	51.0 2 384 2.01	42.0 2 384 2.01	17.0 2 384 2.01	15301
	15.0 2 384 2.01	53.0 2 384 2.01	33.0 2 384 2.01	51.0 2 384 2.01	62.0 2 384 2.01	43.0 2 384 2.01	16.0 2 384 2.01	
16001	15.0 2 384 2.01	46.0 2 384 2.01	32.0 2 384 2.01	53.0 2 384 2.01	56.0 2 384 2.01	51.0 2 384 2.01	15.0 2 384 2.01	16001
	16.0 2 384 2.01	45.0 2 384 2.01	35.0 2 384 2.01	55.0 2 384 2.01	51.0 2 384 2.01	53.0 2 384 2.01	321	
16301	18.0 2 384 2.01	40.0 2 384 2.01	37.0 2 384 2.01	57.0 2 384 2.01	47.0 2 384 2.01	56.0 2 384 2.01	321	16301
	18.0 2 384 2.01	44.0 2 384 2.01	44.0 2 384 2.01	57.0 2 384 2.01	44.0 2 384 2.01	52.0 2 384 2.01	321	
17001	18.0 2 384 2.01	42.0 2 384 2.01	39.0 2 384 2.01	46.0 2 384 2.01	41.0 2 384 2.01	48.0 2 384 2.01	321	17001
	18.0 2 384 2.01	38.0 2 384 2.01	35.0 2 384 2.01	41.0 2 384 2.01	38.0 2 384 2.01	46.0 2 384 2.01	321	
17301	19.0 2 384 2.01	35.0 2 384 2.01	33.0 2 384 2.01	40.0 2 384 2.01	30.0 2 384 2.01	36.0 2 384 2.01	321	17301
	19.0 2 384 2.01	36.0 2 384 2.01	30.0 2 384 2.01	37.0 2 384 2.01	31.0 2 384 2.01	36.0 2 384 2.01	321	
18001	16.0 2 256 2.01	32.0 2 384 2.01	31.0 2 384 2.01	32.0 2 384 2.01	31.0 2 384 2.01	32.0 2 384 2.01	321	18001
	15.0 2 256 2.01	28.0 2 384 2.01	32.0 2 384 2.01	33.0 2 384 2.01	29.0 2 384 2.01	33.0 2 384 2.01	321	
18301	13.0 2 256 2.01	26.0 2 256 2.01	23.0 2 384 2.01	33.0 2 384 2.01	25.0 2 384 2.01	28.0 2 384 2.01	321	18301
	13.0 2 256 2.01	29.0 2 256 2.01	23.0 2 384 2.01	29.0 2 384 2.01	20.0 2 384 2.01	23.0 2 384 2.01	321	
19001	12.0 2 256 2.01	32.0 2 256 2.01	22.0 2 384 2.01	27.0 2 384 2.01	19.0 2 384 2.01	23.0 2 384 2.01	321	19001
	11.0 2 256 2.01	29.0 2 256 2.01	22.0 2 384 2.01	31.0 2 384 2.01	20.0 2 384 2.01	19.0 2 384 2.01	321	
19301	11.0 2 256 2.01	26.0 2 256 2.01	23.0 2 384 2.01	28.0 2 384 2.01	21.0 2 384 2.01	19.0 2 384 2.01	321	19301
	10.0 2 256 2.01	20.0 2 256 2.01	23.0 2 384 2.01	23.0 2 384 2.01	21.0 2 384 2.01	16.0 2 384 2.01	321	
20001	10.0 2 256 2.01	15.0 2 256 2.01	24.0 2 384 2.01	23.0 2 384 2.01	26.0 2 384 2.01	16.0 2 384 2.01	321	20001
	10.0 2 256 2.01	15.0 2 256 2.01	21.0 2 384 2.01	22.0 2 384 2.01	24.0 2 256 2.01	17.0 2 384 2.01	321	
20301	13.0 2 256 2.01	13.0 2 256 2.01	22.0 2 384 2.01	23.0 2 384 2.01	22.0 2 256 2.01	17.0 2 384 2.01	321	20301
	15.0 2 256 2.01	13.0 2 256 2.01	20.0 2 384 2.01	25.0 2 384 2.01	25.0 2 256 2.01	17.0 2 384 2.01	321	
21001	16.0 2 256 2.01	14.0 2 256 2.01	20.0 2 384 2.01	27.0 2 384 2.01	26.0 2 256 2.01	19.0 2 384 2.01	321	21001
	15.0 2 256 2.01	16.0 2 256 2.01	23.0 2 384 2.01	28.0 2 384 2.01	21.0 2 256 2.01	17.0 2 384 2.01	321	
21301	16.0 2 256 2.01	18.0 2 256 2.01	26.0 2 384 2.01	28.0 2 384 2.01	24.0 2 256 2.01	19.0 2 384 2.01	321	21301
	15.0 2 256 2.01	17.0 2 256 2.01	24.0 2 384 2.01	29.0 2 384 2.01	23.0 2 256 2.01	16.0 2 384 2.01	321	
22001	14.0 2 256 2.01	17.0 2 256 2.01	23.0 2 384 2.01	29.0 2 384 2.01	21.0 2 384 2.01	15.0 2 384 2.01	321	22001
	15.0 2 256 2.01	18.0 2 256 2.01	23.0 2 384 2.01	30.0 2 384 2.01	20.0 2 384 2.01	16.0 2 384 2.01	321	
22301	15.0 2 256 2.01	20.0 2 256 2.01	20.0 2 384 2.01	25.0 2 384 2.01	21.0 2 384 2.01	15.0 2 384 2.01	321	22301
	13.0 2 256 2.01	21.0 2 256 2.01	20.0 2 384 2.01	25.0 2 384 2.01	21.0 2 384 2.01	14.0 2 384 2.01	321	
23001	11.0 2 256 2.01	19.0 2 256 2.01	18.0 2 384 2.01	22.0 2 384 2.01	19.0 2 384 2.01	15.0 2 384 2.01	321	23001
	16.0 2 256 2.01	18.0 2 256 2.01	18.0 2 384 2.01	20.0 2 384 2.01	17.0 2 384 2.01	15.0 2 384 2.01	321	
23301	14.0 2 256 2.01	19.0 2 256 2.01	16.0 2 384 2.01	16.0 2 384 2.01	15.0 2 384 2.01	15.0 2 384 2.01	321	23301
	12.0 2 256 2.01	17.0 2 256 2.01	15.0 2 384 2.01	11.0 2 384 2.01	14.0 2 384 2.01	11.0 2 384 2.01	321	

Massachusetts Institute of Technology

Information Processing Center

Multics availability for last week to 06/14/75 2359.0

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Time
00001	321	10.0 1 320 2.01	7.0 2 384 2.01	shutdown	17.0 2 384 2.01	18.0 2 384 2.01	11.0 2 384 2.01	00001
00301	321	11.0 1 320 2.01	10.0 2 384 2.01	shutdown	14.0 2 384 2.01	15.0 2 384 2.01	10.0 2 384 2.01	00301
01001	321	10.0 1 320 2.01	10.0 2 384 2.01	shutdown	17.0 2 384 2.01	13.0 2 384 2.01	10.0 2 384 2.01	01001
01301	321	9.0 1 320 2.01	11.0 2 384 2.01	shutdown	17.0 2 384 2.01	12.0 2 384 2.01	9.0 2 384 2.01	01301
02001	321	9.0 1 320 2.01	9.0 2 384 2.01	shutdown	9.0 2 384 2.01	11.0 2 384 2.01	9.0 2 384 2.01	02001
02301	321	9.0 1 320 2.01	9.0 2 384 2.01	shutdown	10.0 2 384 2.01	10.0 2 384 2.01	8.0 2 384 2.01	02301
03001	321	8.0 1 320 2.01	7.0 2 384 2.01	shutdown	10.0 2 384 2.01	11.0 2 384 2.01	8.0 2 384 2.01	03001
03301	321	8.0 1 320 2.01	7.0 2 384 2.01	shutdown	8.0 2 384 2.01	10.0 2 384 2.01	8.0 2 384 2.01	03301
04001	321	9.0 1 320 2.01	7.0 2 384 2.01	shutdown	8.0 2 384 2.01	9.0 2 384 2.01	8.0 2 384 2.01	04001
04301	321	8.0 1 320 2.01	7.0 2 384 2.01	shutdown	7.0 2 384 2.01	8.0 2 384 2.01	9.0 2 384 2.01	04301
05001	321	8.0 1 320 2.01	7.0 2 384 2.01	shutdown	7.0 2 384 2.01	8.0 2 384 2.01	8.0 2 384 2.01	05001
05301	321	7.0 1 320 2.01	8.0 2 384 2.01	shutdown	8.0 2 384 2.01	8.0 2 384 2.01	7.0 2 384 2.01	05301
06001	321	7.0 1 320 2.01	8.0 2 384 2.01	shutdown	8.0 2 384 2.01	7.0 2 384 2.01	7.0 2 384 2.01	06001
06301	321	7.0 1 320 2.01	8.0 2 384 2.01	shutdown	7.0 2 384 2.01	8.0 2 384 2.01	8.0 2 384 2.01	06301
07001	321	7.0 1 320 2.01	7.0 2 384 2.01	shutdown	7.0 2 384 2.01	8.0 2 384 2.01	8.0 2 384 2.01	07001
07301	321	7.0 1 320 2.01	8.0 2 384 2.01	shutdown	8.0 2 384 2.01	8.0 2 384 2.01	8.0 2 384 2.01	07301
08001	321	7.0 1 320 2.01	8.0 2 384 2.01	shutdown	8.0 2 384 2.01	8.0 2 384 2.01	8.0 2 384 2.01	08001
08301	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	6.0 2 384 2.01	7.0 2 384 2.01	7.0 2 384 2.01	08301
09001	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	5.0 2 384 2.01	7.0 2 384 2.01	7.0 2 384 2.01	09001
09301	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	4.0 2 384 2.01	7.0 2 384 2.01	7.0 2 384 2.01	09301
10001	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	4.0 2 384 2.01	6.0 2 384 2.01	7.0 2 384 2.01	10001
10301	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	4.0 2 384 2.01	6.0 2 384 2.01	7.0 2 384 2.01	10301
11001	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	4.0 2 384 2.01	6.0 2 384 2.01	6.0 2 384 2.01	11001
11301	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	4.0 2 384 2.01	6.0 2 384 2.01	6.0 2 384 2.01	11301
12001	321	6.0 1 320 2.01	6.0 2 384 2.01	shutdown	0.0 1 384 2.01	6.0 2 384 2.01	6.0 2 384 2.01	12001
12301	321	0.0 1 320 2.01	5.0 2 384 2.01	shutdown	shutdown	crash	6.0 2 384 2.01	12301
13001	321	shutdown	321	shutdown	41.0 1 256 2.01	shutdown	6.0 2 384 2.01	13001
13301	321	shutdown	shutdown	2.0 1 384 2.01	41.0 1 256 2.01	shutdown	6.0 2 384 2.01	13301
14001	321	shutdown	shutdown	41.0 1 384 2.01	41.0 1 256 2.01	shutdown	6.0 2 384 2.01	14001
14301	321	shutdown	shutdown	41.0 1 384 2.01	40.0 1 256 2.01	shutdown	6.0 2 384 2.01	14301
15001	321	shutdown	shutdown	38.0 1 384 2.01	0.0 1 256 2.01	shutdown	6.0 2 384 2.01	15001
15301	321	shutdown	shutdown	0.0 1 384 2.01	shutdown	shutdown	6.0 2 384 2.01	15301
16001	321	shutdown	shutdown	shutdown	shutdown	shutdown	6.0 2 384 2.01	16001
16301	321	shutdown	shutdown	shutdown	13.0 2 384 2.01	10.0 1 384 2.01	6.0 2 384 2.01	16301
17001	321	shutdown	15.0 2 256 2.01	17.0 2 384 2.01	14.0 2 384 2.01	18.0 2 384 2.01	6.0 2 384 2.01	17001
17301	321	8.0 2 384 2.01	18.0 2 256 2.01	22.0 2 384 2.01	22.0 2 384 2.01	23.0 2 384 2.01	8.0 2 384 2.01	17301
18001	321	26.0 2 384 2.01	22.0 2 256 2.01	25.0 2 384 2.01	27.0 2 384 2.01	28.0 2 384 2.01	9.0 2 384 2.01	18001
18301	321	31.0 2 384 2.01	25.0 2 256 2.01	30.0 2 384 2.01	25.0 2 384 2.01	32.0 2 384 2.01	9.0 2 384 2.01	18301
19001	321	33.0 2 384 2.01	27.0 2 256 2.01	33.0 2 384 2.01	26.0 2 384 2.01	32.0 2 384 2.01	9.0 2 384 2.01	19001
19301	321	38.0 2 384 2.01	38.0 2 256 2.01	39.0 2 384 2.01	34.0 2 384 2.01	37.0 2 384 2.01	10.0 2 384 2.01	19301
20001	321	43.0 2 384 2.01	38.0 2 256 2.01	43.0 2 384 2.01	32.0 2 384 2.01	38.0 2 384 2.01	11.0 2 384 2.01	20001
20301	321	42.0 2 384 2.01	36.0 2 256 2.01	46.0 2 384 2.01	34.0 2 384 2.01	37.0 2 384 2.01	11.0 2 384 2.01	20301
21001	321	43.0 2 384 2.01	39.0 2 256 2.01	41.0 2 384 2.01	38.0 2 384 2.01	38.0 2 384 2.01	15.0 2 384 2.01	21001
21301	321	39.0 2 384 2.01	40.0 2 256 2.01	43.0 2 384 2.01	39.0 2 384 2.01	43.0 2 384 2.01	17.0 2 384 2.01	21301
22001	321	39.0 2 384 2.01	39.0 2 256 2.01	40.0 2 384 2.01	35.0 2 384 2.01	42.0 2 384 2.01	16.0 2 384 2.01	22001
22301	321	37.0 2 384 2.01	39.0 2 256 2.01	45.0 2 384 2.01	28.0 2 384 2.01	34.0 2 384 2.01	17.0 2 384 2.01	22301
23001	321	35.0 2 384 2.01	36.0 2 256 2.01	43.0 2 384 2.01	28.0 2 384 2.01	39.0 2 384 2.01	17.0 2 384 2.01	23001
23301	321	38.0 2 384 2.01	38.0 2 256 2.01	42.0 2 384 2.01	32.0 2 384 2.01	35.0 2 384 2.01	15.0 2 384 2.01	23301

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Time
00001	37.0 2 384 2.01	38.0 2 256 2.01	36.0 2 384 2.01	32.0 2 384 2.01	35.0 2 384 2.01	13.0 2 384 2.01	00001	
00301	35.0 2 384 2.01	36.0 2 256 2.01	43.0 2 384 2.01	28.0 2 384 2.01	35.0 2 384 2.01	13.0 2 384 2.01	00301	
01001	14.0 1 320 2.01	40.0 2 384 2.01	37.0 2 256 2.01	39.0 2 384 2.01	32.0 2 384 2.01	39.0 2 384 2.01	13.0 2 384 2.01	01001
01301	18.0 1 320 2.01	35.0 2 384 2.01	36.0 2 256 2.01	35.0 2 384 2.01	30.0 2 384 2.01	39.0 2 384 2.01	14.0 2 384 2.01	01301
02001	17.0 1 320 2.01	35.0 2 384 2.01	37.0 2 256 2.01	40.0 2 384 2.01	46.0 2 384 2.01	47.0 2 384 2.01	14.0 2 384 2.01	02001
02301	17.0 1 320 2.01	44.0 2 384 2.01	39.0 2 256 2.01	41.0 2 384 2.01	45.0 2 384 2.01	44.0 2 384 2.01	14.0 2 384 2.01	02301
03001	20.0 1 320 2.01	49.0 2 384 2.01	39.0 2 256 2.01	45.0 2 384 2.01	36.0 2 384 2.01	44.0 2 384 2.01	15.0 2 384 2.01	03001
03301	22.0 1 320 2.01	52.0 2 384 2.01	40.0 2 256 2.01	47.0 2 384 2.01	36.0 2 384 2.01	41.0 2 384 2.01	17.0 2 384 2.01	03301
04001	23.0 1 320 2.01	54.0 2 384 2.01	crash	48.0 2 384 2.01	38.0 2 384 2.01	37.0 2 384 2.01	16.0 2 384 2.01	04001
04301	23.0 1 320 2.01	50.0 2 384 2.01	crash	45.0 2 384 2.01	40.0 2 384 2.01	36.0 2 384 2.01	16.0 2 384 2.01	04301
05001	20.0 1 320 2.01	43.0 2 384 2.01	crash	48.0 2 384 2.01	40.0 2 384 2.01	42.0 2 384 2.01	15.0 2 384 2.01	05001
05301	20.0 1 320 2.01	40.0 2 384 2.01	crash	48.0 2 384 2.01	41.0 2 384 2.01	44.0 2 384 2.01	15.0 2 384 2.01	05301
06001	22.0 1 320 2.01	44.0 2 384 2.01	9.0 1 256 2.01	44.0 2 384 2.01	46.0 2 384 2.01	46.0 2 384 2.01	15.0 2 384 2.01	06001
06301	24.0 1 320 2.01	42.0 2 384 2.01	26.0 2 256 2.01	44.0 2 384 2.01	46.0 2 384 2.01	45.0 2 384 2.01	17.0 2 384 2.01	06301
07001	24.0 1 321 2.01	44.0 2 384 2.01	27.0 2 256 2.01	45.0 2 384 2.01	45.0 2 384 2.01	44.0 2 384 2.01	15.0 2 384 2.01	07001
07301	26.0 1 320 2.01	49.0 2 384 2.01	36.0 2 256 2.01	40.0 2 384 2.01	46.0 2 384 2.01	47.0 2 384 2.01	16.0 2 384 2.01	07301
08001	24.0 1 320 2.01	51.0 2 384 2.01	35.0 2 256 2.01	41.0 2 384 2.01	43.0 2 384 2.01	50.0 2 384 2.01	14.0 2 384 2.01	08001
08301	26.0 1 320 2.01	44.0 2 384 2.01	33.0 2 256 2.01	44.0 2 384 2.01	41.0 2 384 2.01	45.0 2 384 2.01	12.0 2 384 2.01	08301
09001	24.0 1 320 2.01	35.0 2 384 2.01	35.0 2 256 2.01	38.0 2 384 2.01	39.0 2 384 2.01	48.0 2 384 2.01	14.0 2 384 2.01	09001
09301	23.0 1 320 2.01	36.0 2 384 2.01	35.0 2 256 2.01	32.0 2 384 2.01	33.0 2 384 2.01	43.0 2 384 2.01	10.0 2 384 2.01	09301
10001	22.0 1 320 2.01	29.0 2 384 2.01	33.0 2 256 2.01	28.0 2 384 2.01	28.0 2 384 2.01	31.0 2 384 2.01	8.0 2 384 2.01	10001

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Time
10301	23.0 1 320 2.01	30.0 2 384 2.01	29.0 2 256 2.01	26.0 2 384 2.01	21.0 2 384 2.01	27.0 2 384 2.01	9.0 2 384 2.01	10301
11001	21.0 1 320 2.01	27.0 2 384 2.01	24.0 2 256 2.01	21.0 2 384 2.01	16.0 2 384 2.01	26.0 2 384 2.01	9.0 2 384 2.01	11001
11301	13.0 1 320 2.01	28.0 2 384 2.01	26.0 2 256 2.01	19.0 2 384 2.01	20.0 2 384 2.01	22.0 2 384 2.01	8.0 2 384 2.01	11301
12001	12.0 1 320 2.01	27.0 2 384 2.01	24.0 2 256 2.01	18.0 2 384 2.01	19.0 2 384 2.01	18.0 2 384 2.01	9.0 2 384 2.01	12001
12301	13.0 1 320 2.01	25.0 2 384 2.01	23.0 2 256 2.01	19.0 2 384 2.01	21.0 2 384 2.01	17.0 2 384 2.01	10.0 2 384 2.01	12301
13001	15.0 1 320 2.01	24.0 2 384 2.01	19.0 2 256 2.01	17.0 2 384 2.01	18.0 2 384 2.01	15.0 2 384 2.01	12.0 2 384 2.01	13001
13301	16.0 1 320 2.01	28.0 2 384 2.01	22.0 2 256 2.01	18.0 2 384 2.01	19.0 2 384 2.01	15.0 2 384 2.01	12.0 2 384 2.01	13301
14001	15.0 1 320 2.01	26.0 2 384 2.01	20.0 2 256 2.01	17.0 2 384 2.01	18.0 2 384 2.01	14.0 2 384 2.01	11.0 2 384 2.01	14001
14301	17.0 1 320 2.01	26.0 2 384 2.01	21.0 2 256 2.01	14.0 2 384 2.01	19.0 2 384 2.01	14.0 2 384 2.01	10.0 2 384 2.01	14301
15001	18.0 1 320 2.01	20.0 2 384 2.01	19.0 2 256 2.01	15.0 2 384 2.01	21.0 2 384 2.01	15.0 2 384 2.01	9.0 2 384 2.01	15001
15301	20.0 1 320 2.01	24.0 2 384 2.01	19.0 2 256 2.01	20.0 2 384 2.01	20.0 2 384 2.01	15.0 2 384 2.01	8.0 2 384 2.01	15301
16001	20.0 1 320 2.01	22.0 2 384 2.01	19.0 2 256 2.01	23.0 2 384 2.01	19.0 2 384 2.01	16.0 2 384 2.01	9.0 2 384 2.01	16001
16301	20.0 1 320 2.01	21.0 2 384 2.01	20.0 2 256 2.01	23.0 2 384 2.01	20.0 2 384 2.01	16.0 2 384 2.01	8.0 2 384 2.01	16301
17001	21.0 1 320 2.01	19.0 2 384 2.01	26.0 2 256 2.01	21.0 2 384 2.01	21.0 2 384 2.01	17.0 2 384 2.01	10.0 2 384 2.01	17001
17301	22.0 1 320 2.01	21.0 2 384 2.01	30.0 2 256 2.01	25.0 2 384 2.01	20.0 2 384 2.01	22.0 2 384 2.01	10.0 2 384 2.01	17301
18001	21.0 1 320 2.01	18.0 2 384 2.01	28.0 2 256 2.01	27.0 2 384 2.01	17.0 2 384 2.01	23.0 2 384 2.01	10.0 2 384 2.01	18001
18301	19.0 1 320 2.01	18.0 2 384 2.01	0.0 2 256 2.01	29.0 2 384 2.01	21.0 2 384 2.01	22.0 2 384 2.01	11.0 2 384 2.01	18301
19001	16.0 1 320 2.01	17.0 2 384 2.01	shutdown	28.0 2 384 2.01	18.0 2 384 2.01	19.0 2 384 2.01	11.0 2 384 2.01	19001
19301	15.0 1 320 2.01	17.0 2 384 2.01	shutdown	26.0 2 384 2.01	18.0 2 384 2.01	16.0 2 384 2.01	10.0 2 384 2.01	19301
20001	17.0 1 320 2.01	16.0 2 384 2.01	shutdown	25.0 2 384 2.01	20.0 2 384 2.01	16.0 2 384 2.01	10.0 2 384 2.01	20001
20301	15.0 1 320 2.01	15.0 2 384 2.01	shutdown	24.0 2 384 2.01	22.0 2 384 2.01	16.0 2 384 2.01	10.0 2 384 2.01	20301
21001	14.0 1 320 2.01	14.0 2 384 2.01	shutdown	23.0 2 384 2.01	22.0 2 384 2.01	15.0 2 384 2.01	12.0 2 384 2.01	21001
21301	12.0 1 320 2.01	14.0 2 384 2.01	shutdown	21.0 2 384 2.01	22.0 2 384 2.01	15.0 2 384 2.01	11.0 2 384 2.01	21301