



IBM TotalStorage®

TAPE MOUNT MONITOR

August 15, 2005



Tape Activity Monitor & Reporter

Tape Mount Monitor

■ MOUNTMON

- ▶ Monitors all tape activity - library, manual, virtual
- ▶ Samples tape UCB fields every 1 second (user defined)
- ▶ Runs from an APF authorized library
- ▶ Should run continuously
- ▶ Writes statistics record for each volume allocation
- ▶ Logs to SMF or "flat file" (user defined)
 - input to MOUNTRPT or TAPEWISE (identify RECALL datasets)
- ▶ Uses very little CPU overhead, but needs high priority
- ▶ Started task or batch job
- ▶ Can issue WTO alert for "long" mount pending times (customer defined)
- ▶ Can issue WTO alert for a job using too many drives

Mount Monitor control parameters (MNTGROUP)

```

*           MOUNTMON ALERT PARAMETERS
* NAME THE ADDRESS RANGE AND SET MOUNT PENDING LIMIT. WTO WILL BE
* ISSUED IF THE LIMIT IS EXCEEDED.
* MOUNTMON ALERT: VOLSER=S12868 ON 3C28 EXCEEDED 900 SECOND LIMIT
* MOUNTMON MAXDR: TESTJOB1 EXCEEDS VTS1 MAXDR= 5. USING 7.
* MOUNTMON ALERT: VOLSER=volser ON CCUA RUNNING NNN% DISCONNECT
*
*          USER      -ADDRESS-  LIMIT_SEC  MAX MAX
*          NAME      1ST      LAST   SPC   SCR  DRV %DISC
* TGROUP=VTS1      34B0   34EF   300   10   5  60; <= USER NAME (1-8 CHAR)
* TGROUP=MANUAL    16E0   16EF   600  120   4  50; <= USER NAME (1-8 CHAR)
* TGROUP=REMOTE    0420   042F   900  180   4  60; <= USER NAME (1-8 CHAR)
* REMOVE THE '*' FROM COLUMN 1 ON TGROUP TO ACTIVATE.

```

Tape Mount Reporter

- MOUNTRPT
 - ▶ Sorts data, produces reports
 - Jobname or Tape group name sequence
 - ▶ User defined address range groupnames
 - ▶ User selectable reporting interval
 - ▶ Can select by jobname or unit address
 - ▶ Detail reporting
 - ▶ Summary reporting
 - ▶ Distribution reporting

Tape Mount Reporter (MOUNTRPT)

- Some of the questions answered by the reports
 - ▶ How many tape mounts are we doing?
 - How many scratch?
 - How many specific?
 - How many by system?
 - How many by device type?
 - ▶ How long does it take to mount a tape?
 - ▶ How long are tapes allocated?
 - ▶ How many drives are being used at any time?
 - **Most accurate reporting of concurrent drive usage**
 - ▶ Which jobs are allocating too many drives?

Tape Mount Reporter

- Output Reports

- ▶ DTLRPT - Detail activity report of each Volume Allocation.
- ▶ OVL RPT - Allocations that appear to Overlap between systems.
- ▶ ALCRPT - Maximum concurrently allocated drives.
- ▶ #IORPT - Hourly Specific(I) and Scratch(O) mounts by TGROUP.
- ▶ GRPRPT - Hourly mounts for each TGROUP.
- ▶ SYSRPT - Hourly mounts for each SYSID.
- ▶ HRSRPT - Hourly maximum concurrently allocated drives.
- ▶ MTPRPT - Distribution of Mount Pending times.
- ▶ USERPT - Distribution of Volume Allocation times.
- ▶ JOBRPT - Spc, scr, total mounts by jobname.
- ▶ CUARPT - Mounts by address and percent of time drive allocated.
- ▶ MAXRPT - JOBS using more than "N" drives concurrently.
- ▶ ACTRPT - Activity Summary by SYSID and Total.
- ▶ PCTRPT - Hourly concurrent drives allocated at the XX percent.
- ▶ MAMRPT - Min/avg/max mount pending by hour
- ▶ PLXRPT - Summary by sysplex within TGROUP
- ▶ RTERPT - Mount arrival rate
- ▶ SUMRPT - Summary by TGROUP and SYSID
- ▶ SFTRPT - Mounts by shift

- You can request ALL reports or individual reports.

Mount Monitor Report control parameters

```
TGROUP=VTS1      0D00  0D3F;    <= USER DEFINED TAPE GROUP
*TGROU=WSCMVS    5DE0  5DEF;    <= USER DEFINED TAPE GROUP
*TGROU=WSCMVS    4C00  4C0F;    <= USER DEFINED TAPE GROUP
*TGROU=RALEIGHV  3C00  3C4F;    <= USER DEFINED TAPE GROUP
*TGROU=RALEIGHM  0500  05FF;    <= USER DEFINED TAPE GROUP
```

DEFINE Tape Groups. If device address is not included in TGROUP, then TGROUP will default to Device Type.

...

```
TGRPSYMBOL= VTS1  V;    <== SYMBOL TO USE FOR THIS TGROUP ON GRPRPT
TGRPSYMBOL= 3420  R;    <== SYMBOL TO USE FOR THIS TGROUP ON GRPRPT
TGRPSYMBOL= 3480  8;    <== SYMBOL TO USE FOR THIS TGROUP ON GRPRPT
TGRPSYMBOL= 3490  9;    <== SYMBOL TO USE FOR THIS TGROUP ON GRPRPT
TGRPSYMBOL= 3590  M;    <== SYMBOL TO USE FOR THIS TGROUP ON GRPRPT
```

DEFINE Symbols to represent reporting by TGROUP.

...

```
SIDSYMBOL= PRO4 4;    <== SYMBOL TO USE FOR THIS SYSID ON SYSRPT
SIDSYMBOL= PRO3 3;    <== SYMBOL TO USE FOR THIS SYSID ON SYSRPT
SIDSYMBOL= 90#B B;    <== SYMBOL TO USE FOR THIS SYSID ON SYSRPT
```

DEFINE Symbols to represent reporting by System ID.

...

```
REPORT= OVL ALC #IO GRP SYS HRS MTP USE CUA MAX SUM RTE;
*REPORT= ALL;                      <== REQUESTED REPORTS
```

Request individual reports or request ALL reports.

**Reporting is controlled by the user and is very flexible.
Only request the reports you want.**

DTLRPT - SEQ=JOB shows elapsed time for all job steps using tape.

Request this report if there is a tape problem. Select the TIME interval (start and end).

```

1(C) IBM      REPORT=DTLRPT (05197)      TAPE MOUNT MONITOR - DETAIL ACTIVITY REPORT      RUN ON 15AUG2005 @ 15:57:41      114
SEQ=JOB      TGROUP=
0  ALLOC      ALLOC      MOUNT      MOUNT      REW TO      ALLOC      MVS      MNT      PEND      DISC      CONN      PCT
      SDATE      STIME      DELAY      PENDING      DEALOC      LENGTH      FLGS      SID      JESNO      JOBNAME      STEPNAME      TY      VOLSER      CUA      DEVT      SECONDS      BUSY
10JUN02 21:03:07      :00.5      :02.0      :02.6      :18      A168      23289      PDB13C      PDB13C      SC      780947      0F33      PVTS      .1      1.2      1.0      14.3

10JUN02 20:04:36      :00.5      :01.5      :04.3      1:38      A168      22872      PDB13D      PDB13D      SC      759088      0F2B      PVTS      1.3      1.0      69.4      73.9

10JUN02 21:01:47      :00.5      :01.0      :03.2      1:19      A168      23257      PDB13D      PDB13D      SC      780241      0F1B      PVTS      1.0      1.1      65.3      86.4

10JUN02 20:02:38      :01.0      :04.4      :47      A168      22810      PDB13E      PDB13E      SC      758766      0FFF      PVTS      .3      3.0      5.5      19.1

10JUN02 20:04:15      :00.5      :01.0      :06.3      2:19      A168      22861      PDB13F      PDB13F      SC      772203      0F3A      PVTS      1.6      2.3      109.1      81.8

10JUN02 20:05:06      :01.0      :03.9      :21      A168      22874      PDB13H      PDB13H      SC      759108      0F23      PVTS      .2      1.8      .8      14.0

10JUN02 20:04:36      :00.5      :02.0      :04.5      :28      A168      22878      PDB13H      PDB13H      SC      759098      0FF2      PVTS      .1      1.6      .7      9.2

10JUN02 20:12:46      :01.0      :01.5      :02.0      2:49      A168      22938      PDB13I      PDB13I      SC      773139      0FC9      PVTS      3.1      2.1      147.8      91.0
10JUN02 20:15:35      :02.0      :01.5      :02.0      3:13      A168      22938      PDB13I      PDB13I      SC      759876      0FC9      PVTS      3.2      1.6      167.2      89.5
10JUN02 20:18:48      :01.0      :01.0      :03.2      1:12      A168      22938      PDB13I      PDB13I      SC      773765      0FC9      PVTS      1.2      1.1      59.6      87.1
      3 MOUNTS      :04.0 MPEND      7:14 ELAPSED      3 ALLOCATIONS      :01.3 AVG MPEND

10JUN02 20:12:46      :00.5      :01.0      :02.0      2:49      A168      22937      PDB13J      PDB13J      SC      772735      0FCB      PVTS      3.0      1.5      149.7      91.7
10JUN02 20:15:35      :01.5      :02.0      :02.0      3:06      A168      22937      PDB13J      PDB13J      SC      773231      0FCB      PVTS      3.3      3.1      161.5      91.2
10JUN02 20:18:41      :01.0      :01.0      :03.1      2:35      A168      22937      PDB13J      PDB13J      SC      773239      0FCB      PVTS      2.4      1.3      137.4      91.6
      3 MOUNTS      :04.0 MPEND      8:30 ELAPSED      3 ALLOCATIONS      :01.3 AVG MPEND

10JUN02 20:12:46      :00.5      :01.5      :02.5      2:49      A168      22935      PDB13K      PDB13K      SC      773081      0F02      PVTS      2.7      1.4      148.4      90.7
10JUN02 20:15:35      :01.5      :01.5      :02.0      2:53      A168      22935      PDB13K      PDB13K      SC      759868      0F02      PVTS      2.5      1.2      149.1      88.8
10JUN02 20:18:28      :01.0      :01.0      :02.0      3:20      A168      22935      PDB13K      PDB13K      SC      759904      0F02      PVTS      3.1      1.4      182.0      93.7
10JUN02 20:21:48      :01.0      :02.0      :03.5      :23      A168      22935      PDB13K      PDB13K      SC      774017      0F02      PVTS      .2      .1      14.4      70.0
      4 MOUNTS      :06.0 MPEND      9:25 ELAPSED      4 ALLOCATIONS      :01.5 AVG MPEND

```

||

OVLRPT - MOUNT RPT

(C) IBM REPORT=OVL RPT

TAPE MOUNT MONITOR - ALLOCATION TIME OVERLAP REPORT
DEVELOPMENT TESTING

RUN ON 25OCT1999 @ 14:21:38

1

CUA	SYSID	JOBNAME	ALLOC SDATE	ALLOC STIME	ALLOC EDATE	ALLOC ETIME	SYSID	JOBNAME	ALLOC SDATE	ALLOC STIME	ALLOC EDATE	ALLOC ETIME	OVERLAP
0320	CSYS	ABARSCR	28SEP99	1:43:55	28SEP99	1:53:16	KPJ0	S6Z	28SEP99	1:53:14	28SEP99	1:56:29	:02
0320	A168	PGAKFB	29SEP99	5:01:33	29SEP99	5:05:50	CSYS	PAE10A	29SEP99	5:05:45	29SEP99	5:08:19	:05
0321	A168	PIL80F	28SEP99	15:49:19	28SEP99	15:49:56	KPJ0	ICV54CA3	28SEP99	15:49:56	28SEP99	15:50:33	:00
0321	A168	PGAKFB	29SEP99	5:01:33	29SEP99	5:05:50	CSYS	PAE10A	29SEP99	5:05:45	29SEP99	5:08:42	:05
0323	A168	PCMPSC	28SEP99	22:46:10	28SEP99	22:54:11	CSYS	PCI20A	28SEP99	22:54:09	28SEP99	22:56:49	:02
0325	A168	PCMPSC	28SEP99	22:46:10	29SEP99	4:17:27	CSYS	PSRCDA	29SEP99	4:17:22	29SEP99	4:18:10	:05
0326	A168	PCMPSC	28SEP99	22:46:10	29SEP99	5:01:59	CSYS	ABARSCR	29SEP99	5:01:55	29SEP99	5:02:42	:04
0331	CSYS	PBR02AB	28SEP99	19:47:35	28SEP99	20:06:48	A168	PCO30D	28SEP99	20:06:44	28SEP99	20:07:10	:04
0331	A168	PNC00B	29SEP99	3:01:12	29SEP99	3:08:11	KPJ0	IC337R29	29SEP99	3:08:11	29SEP99	3:10:34	:00
0331	A168	PTPKAA	29SEP99	10:00:36	29SEP99	10:02:07	KPJ0	IC745HTP	29SEP99	10:02:06	29SEP99	10:26:59	:01
0332	CSYS	PMI0KV	29SEP99	5:23:48	29SEP99	8:29:04	KPJ0	IC745HTO	29SEP99	8:29:02	29SEP99	8:32:11	:02
0333	CSYS	PBR02AA	28SEP99	19:07:20	28SEP99	19:50:45	A168	PSWPC033	28SEP99	19:50:44	28SEP99	19:53:18	:01
0333	A168	PCO30D	28SEP99	21:06:38	28SEP99	21:17:23	CSYS	PMP00H	28SEP99	21:17:20	28SEP99	21:18:11	:03
0333	CSYS	PMI0KV	29SEP99	5:23:48	29SEP99	8:29:04	KPJ0	IC745HTO	29SEP99	8:29:02	29SEP99	8:36:22	:02
0335	CSYS	PMP02W	28SEP99	9:03:44	28SEP99	11:51:29	KPJ0	IC436F	28SEP99	11:51:28	28SEP99	11:53:04	:01

Allocation over-lap occurs because of TOD clock differences between systems or MOUNTMON is not running with a high enough dispatching priority.

Records are adjusted to remove over-lap before reporting.

ALCRPT - Maximum concurrently allocated drives during the interval (user defined).

How many tape drives am I using in this tape group? Do I have enough tape drives?

by
TGROUP

```

1(C) IBM REPORT=ALCRPT (05197) MOUNT RPT ANALYSIS - CONCURRENT DRIVE ALLOCATION RUN ON 15AUG2005 @ 13:37:22 3
EARLIEST TIMESTAMP = 10JUN2002 @ 0:00:02 DEVELOPMENT TESTING LATEST TIMESTAMP = 10JUN2002 @ 23:59:54
GRPNAME=PVTs INTERVALSEC= 3600
INTERVAL MOUNT MAX 1 2 3 4 5 6 7 8 9 0
DATE START REQ ALLOC -----0-----0-----0-----0-----0-----0-----0-----0-----0
10JUN02 0:00:00 316 42 *****
10JUN02 1:00:00 234 51 *****
10JUN02 2:00:00 106 26 *****
10JUN02 3:00:00 220 47 *****
10JUN02 4:00:00 198 58 *****
10JUN02 5:00:00 158 37 *****
10JUN02 6:00:00 128 23 *****
10JUN02 7:00:00 58 14 *****
10JUN02 8:00:00 123 16 *****
10JUN02 9:00:00 104 20 *****
10JUN02 10:00:00 47 19 *****
10JUN02 11:00:00 38 10 *****
10JUN02 12:00:00 79 14 *****
10JUN02 13:00:00 126 21 *****
10JUN02 14:00:00 95 13 *****
10JUN02 15:00:00 183 24 *****
10JUN02 16:00:00 110 25 *****
10JUN02 17:00:00 151 39 *****
10JUN02 18:00:00 109 26 *****
10JUN02 19:00:00 169 20 *****
10JUN02 20:00:00 217 19 *****
10JUN02 21:00:00 158 18 *****
10JUN02 22:00:00 81 17 *****
10JUN02 23:00:00 72 11 *****

```

ALCRPT - Distribution of concurrent allocations.

How many tape drives am I using in this tape group? Do I have enough tape drives?

by
TGROUP

1 (C) IBM REPORT=ALCRPT (05197) MOUNTPT ANALYSIS - CONCURRENT DRIVE ALLOCATION RUN ON 15AUG2005 @ 13:37:22 4
 EARLIEST TIMESTAMP = 10JUN2002 @ 0:00:02 DEVELOPMENT TESTING LATEST TIMESTAMP = 10JUN2002 @ 23:59:54
 GRPNAME=PVTS INTERVALSEC= 3600

0 DRIVES	ALLOC	NUMBER OF INTERVALS	PCT OF INTERVALS	ACCUM INTERVALS	ACCUM PERCENT
0	10	1	4.1%	1	4.1%
	11	1	4.1%	2	8.3%
	13	1	4.1%	3	12.5%
	14	2	8.3%	5	20.8%
	16	1	4.1%	6	25.0%
	17	1	4.1%	7	29.1%
	18	1	4.1%	8	33.3%
	19	2	8.3%	10	41.6%
	20	2	8.3%	12	50.0%
	21	1	4.1%	13	54.1%
	23	1	4.1%	14	58.3%
	24	1	4.1%	15	62.5%
	25	1	4.1%	16	66.6%
	26	2	8.3%	18	75.0%
	37	1	4.1%	19	79.1%
	39	1	4.1%	20	83.3%
	42	1	4.1%	21	87.5%
	47	1	4.1%	22	91.6%
	51	1	4.1%	23	95.8%
	58	1	4.1%	24	100.0%

91.6% of time 47 drives or less

Maximum drives allocated during the reporting hour plus mounts initiated during the hour.

[illegible]

HRSRPT - distribution

Distribution of maximum hourly concurrent allocations.

by
TGROU

```

1(C) IBM  REPORT=HRSRPT (05197)          TAPE MOUNT MONITOR - MAXIMUM ALLOCATION BY HOUR      RUN ON 15AUG2005 @ 13:37:24      4
          GRPNAME=PVTs                    _DEVELOPMENT TESTING_                          SHIFTS: M = MID, D = DAY, A = AFT
          EARLIEST ALLOCATION = 10JUN2002 @ 0:00:02                                LATEST ALLOCATION = 10JUN2002 @ 23:59:54

0  MAX  NUMBER  PCT  ACCUM  ACCUM
   ALLOC OF HRS  OF HRS  HOURS  PCT
0   10      1    4.1%    1    4.1%
   11      1    4.1%    2    8.3%
   13      1    4.1%    3   12.5%
   14      2    8.3%    5   20.8%
   16      1    4.1%    6   25.0%
   17      1    4.1%    7   29.1%
   18      1    4.1%    8   33.3%
   19      2    8.3%   10   41.6%
   20      2    8.3%   12   50.0%
   21      1    4.1%   13   54.1%
   23      1    4.1%   14   58.3%
   24      1    4.1%   15   62.5%
   25      1    4.1%   16   66.6%
   26      2    8.3%   18   75.0%
   37      1    4.1%   19   79.1%
   39      1    4.1%   20   83.3%
   42      1    4.1%   21   87.5%
   47      1    4.1%   22   91.6%
   51      1    4.1%   23   95.8%
   58      1    4.1%   24  100.0%

```

How long does a mount take? How long does a scratch mount take?
How long does a specific mount take?

2

Scratch

How long are tapes allocated? How long are scratch tapes allocated?
How long are specific tapes allocated?

2

7:03 AVG ALLOCATION

CUARPT - MOUNT RPT

Percent of time drive was busy, idle, or not allocated.

by
TGROUP

```

1(C) IBM REPORT=CUARPT (05197) TAPE MOUNT MONITOR - DRIVE ADDRESS UTILIZATION RUN ON 15AUG2005 @ 13:37:26 2
      GRPNAME=PPTS DEVELOPMENT TESTING
      REPORT START = 10JUN2002 @ 0:00:02 <--- 86392 SEC ---> REPORT END = 10JUN2002 @ 23:59:54
0DRIVE NUMBER NUMBER %TIME_ALC 1 2 3 4 5 6 7 8 9 0
  ADDR MOUNTS ALLOCS IN_INVTL -----0-----0-----0-----0-----0-----0-----0-----0-----0
0 0F00 15 20 6.5% CAAAAAA
  0F01 10 12 1.7% CA
  0F02 17 18 10.1% CCAAAAAAA
  0F03 4 5 4.1% CAAA
  0F04 15 21 6.1% CAAAAA
  0F05 15 18 14.1% CCAAAAAAAAAA
  0F06 13 19 3.5% CCAA
.
  0FC0 109 111 33.1% PPCCCCCCCCCCCCCAAAAAAAAAAAAAAAAAA
  0FC1 79 84 43.1% PPCCCCCCCCCCCCCAAAAAAAAAAAAAAAAAAAAAAAAAA
  0FC2 106 109 38.2% PPCCCCCCCCCCCCCAAAAAAAAAAAAAAAAAAAAAAAAAA
  0FC3 157 161 39.9% PPCCCCCCCCCCCCCAAAAAAAAAAAAAAAAAAAAAAAAAA
  0FC4 89 90 36.8% PPCCCCCCCCCCCCCAAAAAAAAAAAAAAAAAAAAAAAAAA
  0FC5 102 107 26.3% PPCCCCCCCCCAAAAAAAAAAAAAA
.
  0FF8 14 17 4.8% DAAAA
  0FF9 15 19 13.4% PCCCAAAAAAAAAA
  0FFA 16 17 3.4% CAA
  0FFB 10 11 11.6% PCCAAAAAAAAA
  0FFC 5 5 0.7% A
  0FFD 14 15 5.7% CAAAAA
  0FFE 8 10 4.1% CAAA
  0FFF 11 14 3.6% PCAA
( 127) 3280 3616
0 P=%TRANSFER PENDING, D=%DISCONNECTED, C=%CONNECTED, M=%MOUNT PENDING, A=%ALLOCATED, READY, NO ACTIVITY
  
```

MAXRPT - Shows jobs using more than "n" drives concurrently.

What JOBS are using too many tape drives?

```

1 (C) IBM REPORT=MAXRPT (05197) TAPE MOUNT MONITOR - MAXIMUM ALLOCATION BY JOB
SEQ=JOB GRPNAME=
0 JOB JOB JOB MVS MAX SPECIFIC SCRATCH
SDATE STIME ETIME LENGTH FLG SID JOBNAME JESNUM DRIVES MOUNTS MOUNTS
010JUN02 1:24:29 23:07:39 21:43:10 A168 DFHSMAR 29136 7 71 7
10JUN02 0:05:04 23:54:18 23:49:14 CSYS DFHSMCR 28921 13 88 19
10JUN02 4:23:27 4:36:02 12:35 CSYS PCI71M 18529 7 4 3
10JUN02 13:06:58 19:09:02 6:02:04 CSYS PCMEVA 20793 8 45 48
10JUN02 19:06:33 19:08:42 2:09 A168 PIL00A 22503 7 11 10
10JUN02 19:04:54 19:05:59 1:05 A168 PIL80F 22497 7 3 8
10JUN02 22:02:19 22:03:43 1:24 CSYS PKA01VA 23584 7 1 15
10JUN02 9:19:29 12:33:24 3:13:55 A168 PMI0KZ 19939 7 23 19
10JUN02 23:00:26 23:01:26 1:00 A168 PMI0KZ 23810 7 2 4
10JUN02 21:34:39 21:43:00 8:21 CSYS PMP0KXA 23455 7 1 6
10JUN02 0:09:45 9:05:44 8:55:59 A168 PMX0ZC 16936 7 5 29
10JUN02 14:05:52 16:49:20 2:43:28 CSYS PRF42A 21051 10 2 22
10JUN02 9:49:45 9:51:49 2:04 CSYS PRP32X 20057 9 1 8
10JUN02 16:29:56 17:18:46 48:50 CSYS PRXM3L 21663 7 7 2
10JUN02 13:16:10 16:25:13 3:09:03 CSYS PRXWKF 20859 7 9 6

```

RUN ON 15AUG2005 @ 16:20:42
MAXDR LIMIT= 6

1

MAXRPT - Distribution of maximum number of concurrently allocated drives per job.

How many JOBS are using too many tape drives?

```
1 (C) IBM REPORT=MAXRPT (05197)          TAPE MOUNT MONITOR - MAXIMUM ALLOCATION BY JOB          RUN ON 15AUG2005 @ 16:20:42          2
SEQ=JOB      GRPNAME=          _____ DEVELOPMENT TESTING _____          MAXDR LIMIT=          6
0      MAX      NUMBER
      ALLOC  OF JOBS
0      1      761
      2      505
      3      152
      4      59
      5      32
      6      23
      7      11
      8      1
      9      1
     10      1
     13      1
```

SUMRPT -

Shop summary, by shift, showing number of mounts and average mount pending times.

```

1(C) IBM REPORT=SUMRPT (05197)          TAPE MOUNT MONITOR - SUMMARY BY GRPNAME / SYSID      RUN ON 15AUG2005 @ 13:37:26      1
START=10JUN2002 @ 0:00:02              DEVELOPMENT TESTING                          END=10JUN2002 @ 23:59:54
0
00:00 -----SHIFT1----- 08:00      08:00 -----SHIFT2----- 16:00      16:00 -----SHIFT3----- 24:00      -----TOTAL-----
      SPCFC  AVG  SCRTCH  AVG      SPCFC  AVG  SCRTCH  AVG      SPCFC  AVG  SCRTCH  AVG      SPCFC  AVG  SCRTCH  AVG
GRPNAME  SYSID  MNTS  MPND  MNTS  MPND  MNTS  MPND  MNTS  MPND  MNTS  MPND  MNTS  MPND  MNTS  MPND  MNTS  MPND
OK9490    MVS1    22 :19.7    56 :23.9    4 :12.4    7 :16.1    14 :13.5    15 :23.4    40 :16.8    78 :23.1
          MVS2     5 :14.4     3 :14.7     3 :13.8     1 :15.5    11 :14.3     1 :15.5
          TOTAL   27 :18.7    56 :23.9    7 :13.4     7 :16.1    17 :13.5    16 :22.9    51 :16.2    79 :23.0
OPVTS     A168   244 :02.5   340 :01.2   123 :01.3   178 :01.0   146 :01.0   289 :01.1   513 :01.8   807 :01.1
          CSYS   380 :06.6   270 :01.2   245 :01.8   215 :01.0   314 :07.5   298 :01.2   939 :05.7   783 :01.1
          KPJ0    65 :00.8     3 :01.8     2 :01.2     2 :01.0    65 :00.8     7 :01.4
          MVS1    61 :00.7    33 :01.4    31 :01.0     1 :01.0    14 :00.7     4 :01.0   106 :00.8    38 :01.3
          MVS2     2 :01.5    20 :05.6     2 :01.5    20 :05.6
          TOTAL   752 :04.3   666 :01.4   399 :01.6   396 :01.0   474 :05.3   593 :01.1  1625 :03.9  1655 :01.2
OTVTS     A168    71 :34.6   106 :01.6    14 :00.9    41 :01.5    30 :1:02   128 :01.3   115 :37.7   275 :01.4
          CSYS    80 :13.8    82 :01.7    62 :01.9    95 :01.2    94 :17.7   111 :01.2   236 :12.3   288 :01.4
          KPJ0     18 :01.1     8 :01.2     6 :01.2     7 :00.7     3 :01.1    15 :01.0    27 :01.2
          MVS1     5 :00.7     5 :02.3     3 :00.5     1 :01.0     4 :01.1    12 :00.7     6 :02.0
          MVS2     5 :00.7     2 :01.5     3 :01.1     3 :00.6     1 :01.0    11 :00.8     3 :01.3
          TOTAL   161 :22.2   213 :01.6    90 :01.6   143 :01.3   138 :25.7   243 :01.2   389 :18.7   599 :01.4
03480     A168     4 :00.0     5 :10.0     1 :12.5
          CSYS    10 :00.0    25 :13.5     2 :09.7     6 :13.9    10 :00.0    33 :13.4
          TOTAL    14 :00.0    30 :12.9     3 :10.6     6 :13.9    14 :00.0    39 :12.9
03590     A168   150 :20.0     5 :52.0    56 :17.1     1 :54.2    65 :27.1     1 :58.6   271 :21.1     7 :53.2
          CSYS   254 :19.7     8 :1:00    43 :21.1     1 :51.2   155 :14.8     2 :53.5   452 :18.2    11 :58.2
          KPJ0     3 :22.7     3 :22.7
          MVS1    57 :22.7    33 :19.1    26 :22.7
          TOTAL   461 :20.2    13 :57.1   132 :18.9     2 :52.7   249 :18.9     3 :55.2   842 :19.6    18 :56.3
09490     A168   143 :14.4   370 :14.7   204 :33.1   198 :17.6    58 :16.0   329 :16.5   405 :24.0   897 :16.0
          CSYS   314 :20.1   629 :14.3   185 :32.1   414 :16.8   191 :19.6   551 :14.5   690 :23.1  1594 :15.0
          KPJ0    14 :33.6    28 :12.3
          TOTAL   471 :18.8   1027 :14.4   389 :32.6   612 :17.0   249 :18.8   880 :15.2  1109 :23.6  2519 :15.3
09840     A168    31 :15.1    40 :15.5    41 :22.4    30 :15.4    43 :21.5    34 :14.6   115 :20.1   104 :15.2
          CSYS    43 :18.0    25 :18.0    36 :14.2    15 :16.0    16 :13.5    19 :14.9    95 :15.8    59 :16.5
          KPJ0     2 :25.2     2 :25.2
          TOTAL    74 :16.8    65 :16.5    77 :18.5    45 :15.6    61 :19.5    53 :14.7   212 :18.2   163 :15.7
OOVER-ALL TOTAL 1960 :13.6   2070 :09.5   1094 :16.0  1208 :09.9   1188 :14.2  1794 :08.8  4242 :14.4  5072 :09.3

```

Sequence by TGRPOUP NAME then SYSID

SUMRPT -

Shop summary, by shift, showing number of mounts and average mount pending times.

```

1(C) IBM  REPORT=SUMRPT (05197)                TAPE MOUNT MONITOR - SUMMARY BY SYSID / GRPNAME        RUN ON 15AUG2005 @ 13:37:26        1
START=10JUN2002 @ 0:00:02                        DEVELOPMENT TESTING                                END=10JUN2002 @ 23:59:54
0
00:00 ----SHFT1---- 08:00      08:00 ----SHFT2---- 16:00      16:00 ----SHFT3---- 24:00      -----TOTAL-----
   SPCFC  AVG  SCRTCH  AVG      SPCFC  AVG  SCRTCH  AVG      SPCFC  AVG  SCRTCH  AVG      SPCFC  AVG  SCRTCH  AVG
   MNTS  MPND  MNTS  MPND      MNTS  MPND  MNTS  MPND      MNTS  MPND  MNTS  MPND      MNTS  MPND  MNTS  MPND
OA168  PVTTS      244 :02.5      340 :01.2      123 :01.3      178 :01.0      146 :01.0      289 :01.1      513 :01.8      807 :01.1
      TVTTS       71 :34.6      106 :01.6       14 :00.9       41 :01.5       30 1:02      128 :01.3      115 :37.7      275 :01.4
      3480        4 :00.0        5 :10.0         1 :12.5         65 :27.1       1 :58.6       271 :21.1       7 :53.2
      3590       150 :20.0        5 :52.0         56 :17.1       198 :17.6       58 :16.0      329 :16.5      405 :24.0      897 :16.0
      9490       143 :14.4      370 :14.7       204 :33.1       41 :22.4       30 :15.4       43 :21.5       34 :14.6      115 :20.1      104 :15.2
      9840        31 :15.1       40 :15.5         43 :21.5       191 :19.6      551 :14.5      690 :23.1     1594 :15.0
      TOTAL      643 :13.4      866 :08.0      438 :20.1      449 :09.5      342 :16.4      781 :08.3     1423 :16.2     2096 :08.4
OCSYS  PVTTS      380 :06.6      270 :01.2      245 :01.8      215 :01.0      314 :07.5      298 :01.2      939 :05.7      783 :01.1
      TVTTS       80 :13.8       82 :01.7       62 :01.9       95 :01.2       94 :17.7      111 :01.2      236 :12.3      288 :01.4
      3480       10 :00.0       25 :13.5         2 :09.7         6 :13.9       10 :00.0       33 :13.4
      3590      254 :19.7         8 1:00         43 :21.1       1 :51.2      155 :14.8       2 :53.5      452 :18.2       11 :58.2
      9490      314 :20.1      629 :14.3      185 :32.1      414 :16.8      191 :19.6      551 :14.5      690 :23.1     1594 :15.0
      9840       43 :18.0       25 :18.0       36 :14.2       15 :16.0       16 :13.5       19 :14.9       95 :15.8       59 :16.5
      TOTAL     1081 :14.5     1039 :10.4     571 :13.8     742 :10.2     770 :13.3     987 :09.1     2422 :14.0     2768 :09.9
OKPJ0  PVTTS       65 :00.8         3 :01.8         2 :01.2         2 :01.0       65 :00.8         7 :01.4
      TVTTS        18 :01.1         8 :01.2         6 :01.2         3 :01.1       15 :01.0       27 :01.2
      3590         3 :22.7         2 :25.2         12 :10.3         5 :01.1       99 :06.6        62 :06.2
      9490       14 :33.6       28 :12.3         8 :01.2         8 :01.2       14 :13.5       15 :23.4       40 :16.8       78 :23.1
      9840         2 :25.2         4 :12.4         7 :16.1         1 :01.0       14 :00.7         4 :01.0      106 :00.8       38 :01.3
      TOTAL      79 :06.6       49 :07.6         3 :00.5         1 :01.0         4 :01.1       12 :00.7         6 :02.0
OMVS1  K9490      22 :19.7       56 :23.9         4 :12.4         7 :16.1         14 :13.5       15 :23.4       40 :16.8       78 :23.1
      PVTTS       61 :00.7       33 :01.4       31 :01.0       1 :01.0       14 :00.7         4 :01.0      106 :00.8       38 :01.3
      TVTTS        5 :00.7         5 :02.3         3 :00.5         1 :01.0         4 :01.1       12 :00.7         6 :02.0
      3590       57 :22.7       33 :19.1       33 :19.1       26 :22.7       26 :22.7       116 :21.7
      TOTAL     145 :12.2       94 :14.9       71 :10.0         9 :12.8       58 :13.7       19 :18.7      274 :12.0      122 :15.3
OMVS2  K9490        5 :14.4         3 :14.7         3 :13.8         1 :15.5       11 :14.3         1 :15.5
      PVTTS        2 :01.5       20 :05.6         3 :01.1         3 :00.6         1 :01.0       11 :00.8         3 :01.3
      TVTTS        5 :00.7         2 :01.5         6 :07.9         6 :07.2         2 :08.2       24 :07.0       24 :05.5
      TOTAL      12 :06.5       22 :05.3         6 :07.9         6 :07.2         2 :08.2       24 :07.0       24 :05.5
OOVER-ALL TOTAL  1960 :13.6     2070 :09.5     1094 :16.0     1208 :09.9     1188 :14.2     1794 :08.8     4242 :14.4     5072 :09.3

```

Sequence by SYSID then TGROUP NAME

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GRPRPT - Shows mounts for each TGROUP during hour.

[illegible]

SYSRPT - Shows mounts for each SYSID during hour.

[illegible]

0A=A168 C=CSYS J=KPJ0 K=KPK0 1=MVS1 2=MVS2 ?=NOSYMBOL

--

ACTRPT - Activity Summary - mount activity by SID/TGROUP

```

1(C) IBM  REPORT=ACTRPT (05197)          TAPE MOUNT MONITOR - ACTIVITY SUMMARY BY SID/TGROUP      RUN ON 15AUG2005 @ 13:37:27      1
START=10JUN2002 @ 0:00:02                DEVELOPMENT TESTING                               END=10JUN2002 @ 23:59:54
% OF TGROUP @ 95% IS (NUM DRIVES NEEDED @ 95% ACCUM DRIVE ALLOCATION) / (NUM DRIVES DEFINED IN TGROUP)
DRIVE ALLOC INDEX (DAI) IS ACCUM % DRIVE ALLOCATION AT PEAK-1 DRIVES      INTERVALSEC= 3600      24 INTERVALS
0
  TGROUP/      SPCFC      SRCH      TOT      NUMBER      DIFF      PEAK      PEAK      # INT      % INT      NUM      % OF      % AT
  SYSID DEVTYPE MOUNTS MPND MOUNTS MPND MOUNTS MPND ADDR IN ADDR CONCUR AS % OF WITH AT ALOC TGROUP PEAK-1
OALL  K9490      51 :16.2      79 :23.0      130 :20.4      80      12      7      8.7%      2      8.3%      7      8.7%      91.6%
      PVTs      1625 :03.9      1655 :01.2      3280 :02.5      128      127      58      45.3%      1      4.1%      58      45.3%      95.8%
      TVTS      389 :18.7      599 :01.4      988 :08.2      64      64      15      23.4%      1      4.1%      15      23.4%      95.8%
      3480      14 :00.0      39 :12.9      53 :09.5      32      4      3      9.3%      1      4.1%      3      9.3%      95.8%
      3590      842 :19.6      18 :56.3      860 :20.4      32      32      22      68.7%      1      4.1%      22      68.7%      95.8%
      9490      1109 :23.6      2519 :15.3      3628 :17.9      100      84      56      56.0%      1      4.1%      56      56.0%      95.8%
      9840      212 :18.2      163 :15.7      375 :17.1      32      32      32      100.0%      2      8.3%      32      100.0%      91.6%
  OVER-ALL      4242 :14.4      5072 :09.3      9314 :11.6
OA168 PVTs      513 :01.8      807 :01.1      1320 :01.4      128      127      32      25.0%      1      4.1%      32      25.0%      95.8%
      TVTS      115 :37.7      275 :01.4      390 :12.1      64      63      13      20.3%      1      4.1%      13      20.3%      95.8%
      3480      4 :00.0      6 :10.4      10 :06.2      32      3      1      3.1%      2      8.3%      1      3.1%      91.6%
      3590      271 :21.1      7 :53.2      278 :21.9      32      32      8      25.0%      1      4.1%      8      25.0%      95.8%
      9490      405 :24.0      897 :16.0      1302 :18.5      100      82      26      26.0%      1      4.1%      26      26.0%      95.8%
      9840      115 :20.1      104 :15.2      219 :17.8      32      32      13      40.6%      3      12.5%      13      40.6%      87.5%
  SID-TOT      1423 :16.2      2096 :08.4      3519 :11.6
OCSYS PVTs      939 :05.7      783 :01.1      1722 :03.6      128      127      32      25.0%      1      4.1%      32      25.0%      95.8%
      TVTS      236 :12.3      288 :01.4      524 :06.3      64      64      15      23.4%      1      4.1%      15      23.4%      95.8%
      3480      10 :00.0      33 :13.4      43 :10.2      32      4      3      9.3%      1      4.1%      3      9.3%      95.8%
      3590      452 :18.2      11 :58.2      463 :19.1      32      32      14      43.7%      1      4.1%      14      43.7%      95.8%
      9490      690 :23.1      1594 :15.0      2284 :17.5      100      84      41      41.0%      1      4.1%      41      41.0%      95.8%
      9840      95 :15.8      59 :16.5      154 :16.1      32      32      22      68.7%      1      4.1%      22      68.7%      95.8%
  SID-TOT      2422 :14.0      2768 :09.9      5190 :11.8
OKPJ0 PVTs      65 :00.8      7 :01.4      72 :00.9      128      12      2      1.5%      4      16.6%      2      1.5%      83.3%
      TVTS      15 :01.0      27 :01.2      42 :01.1      64      31      3      4.6%      1      4.1%      3      4.6%      95.8%
      3590      3 :22.7      0 :00.0      3 :22.7      32      3      3      9.3%      1      4.1%      3      9.3%      95.8%
      9490      14 :33.6      28 :12.3      42 :19.4      100      9      4      4.0%      1      4.1%      4      4.0%      95.8%
      9840      2 :25.2      0 :00.0      2 :25.2      32      1      1      3.1%      1      4.1%      1      3.1%      95.8%
  SID-TOT      99 :06.6      62 :06.2      161 :06.5
OMVS1 K9490      40 :16.8      78 :23.1      118 :21.0      80      12      6      7.5%      1      4.1%      6      7.5%      95.8%
      PVTs      106 :00.8      38 :01.3      144 :00.9      128      51      8      6.2%      1      4.1%      8      6.2%      95.8%
      TVTS      12 :00.7      6 :02.0      18 :01.2      64      16      5      7.8%      1      4.1%      5      7.8%      95.8%
      3590      116 :21.7      0 :00.0      116 :21.7      32      31      5      15.6%      3      12.5%      5      15.6%      87.5%
  SID-TOT      274 :12.0      122 :15.3      396 :13.0
OMVS2 K9490      11 :14.3      1 :15.5      12 :14.4      80      8      3      3.7%      1      4.1%      3      3.7%      95.8%
      PVTs      2 :01.5      20 :05.6      22 :05.3      128      21      18      14.0%      1      4.1%      18      14.0%      95.8%
      TVTS      11 :00.8      3 :01.3      14 :00.9      64      11      3      4.6%      1      4.1%      3      4.6%      95.8%
  SID-TOT      24 :07.0      24 :05.5      48 :06.3
OVER-ALL      4242 :14.4      5072 :09.3      9314 :11.6

```

SFTRPT - TGROUP by Shift

```

1(C) IBM  REPORT=SFTRPT (05197)                TAPE MOUNT MONITOR - TGROUP WITHIN SHIFT BY HOUR    RUN ON 15AUG2005 @ 16:37:12    2
START=10JUN2002 @ 0:00:02                      DEVELOPMENT TESTING                      END=10JUN2002 @ 23:59:54
USER DEFINED SHIFTS: (1) 00:00 - 08:00 (2) 08:00 - 16:00 (3) 16:00 - 24:00 LOGICAL DAY START: 00
0      MOUNT      SPCFC      AVG      MAX      SCRTCH      AVG      MAX      TOTAL      AVG      MAX
TGROUP DATE  DOW  SFT  HR      MOUNTS  MPEND  MPEND  MOUNTS  MPEND  MPEND  MOUNTS  MPEND  MPEND
OPVTS  10JUN02 MO   1   00      178      :03    1:56    138      :01    :04    316      :02    1:56
      01      124      :00    :09    110      :02    :12    234      :01    :12
      02      33      :00    :03    73       :01    :04    106      :01    :04
      03     106      :06    2:46   114      :01    :05    220      :03    2:46
      04     119      :08    3:45    79       :01    :02    198      :05    3:45
      05      90      :07    2:19    68       :00    :02    158      :04    2:19
      06      60      :01    :10    68       :01    :03    128      :01    :10
      07      42      :00    :01    16       :01    :01    58       :00    :01
      SHIFT TOT    752      :04    3:45   666      :01    :12   1418     :02    3:45
PVTs    10JUN02 MO   2   08      63      :02    1:24    60       :00    :03    123      :01    1:24
      09      46      :00    :02    58       :01    :02    104      :00    :02
      10      18      :00    :01    29       :01    :02    47       :00    :02
      11      17      :01    :23    21       :00    :01    38       :01    :23
      12      43      :04    1:23    36       :00    :01    79       :02    1:23
      13      71      :01    :24    55       :01    :02    126      :01    :24
      14      55      :00    :10    40       :01    :02    95       :01    :10
      15      86      :00    :10    97       :01    :03    183      :01    :10
      SHIFT TOT    399      :01    1:24   396      :01    :03    795      :01    1:24
PVTs    10JUN02 MO   3   16      60      :00    :09    50       :01    :02    110      :01    :09
      17      79      :01    :23    72       :01    :09    151      :01    :23
      18      38      :02    :24    71       :01    :04    109      :01    :24
      19      95      :01    1:08    74       :01    :02    169      :01    1:08
      20      67      :11    2:53   149      :01    :03    216      :04    2:53
      21      59      :06    2:04   100      :01    :02    159      :02    2:04
      22      30      :12    4:08    51       :01    :02    81       :05    4:08
      23      46      :12    3:56    26       :00    :01    72       :08    3:56
      SHIFT TOT    474      :05    4:08   593      :01    :09   1067     :03    4:08
TGROUP TOT    1625      :03    4:08   1655      :01    :12   3280     :02    4:08

```

JOBRPT - Mounts by jobname

```

1(C) IBM  REPORT=JOB RPT (05197)          TAPE MOUNT MONITOR - MOUNTS BY JOBNAME          RUN ON 15AUG2005 @ 13:37:25          2
          GRPNAME=PVTS                    DEVELOPMENT TESTING
          REPORT START = 10JUN2002 @ 0:00:02    <---- 86392 SEC ---->          REPORT END = 10JUN2002 @ 23:59:54

0          SPECIFIC SCRATCH    TOTAL    DRIVE
  JOBNAME    MOUNTS    MOUNTS    MOUNTS    SECONDS
0#TCHJ0WR      2          2          227
ABARSAR      100          101    10963
ABARSCR      257          257   29311
ABARS1R      100          100    8206
ARIMSP                39          359
A15RECAL       3          3     259
BMD90N                2          34
BMD91A                1          10
CICSJ1PA                1          24
DA701D                2          187
DA703D                3          314
DA704D                2          202
DA953W                1          23
DFHSMCR                6         1638
DFHSM1R                4          243
.
Z7DSBA         2          2    2353
Z7DSBB         2          2    2183
Z7DSBC         2          2    1947
Z7DSBD         2          2    1400
Z7DSBE         6          6    2865
Z7DSBF         6          6    2834
Z7DSBG         5          5    2655
Z7DSBH         4          4    3354
Z7DSC          2          2    2377
GRP_TOT      1625      1655    3280

```

MAMRPT - Min/avg/max mount pending by hour

```

1(C) IBM  REPORT=MAMRPT (05197)                TAPE MOUNT MONITOR - MIN/AVG/MAX MOUNT PENDING      RUN ON 15AUG2005 @ 13:37:24      2
          GRPNAME=PVTs                        DEVELOPMENT TESTING
          EARLIEST ALLOCATION = 10JUN2002 @ 0:00:02    LATEST ALLOCATION = 10JUN2002 @ 23:59:54
          SHIFTS: M = MID, D = DAY, A = AFT

0  TOTAL  MOUNT_SECONDS  SPFIC  MOUNT_SECONDS  SCRCH  MOUNT_SECONDS
   HR  MOUNTS  MIN  AVG  MAX    MOUNTS  MIN  AVG  MAX    MOUNTS  MIN  AVG  MAX
10JUN02
00    316    .0  2.2  115    178    .5  3.1  115    138    .0  1.1  3.5
01    234    .5  1.6  12.0    124    .5   .9  9.0    110    .5  2.4  12.0
02    106    .0  1.2  4.0     33    .0   .7  2.5     73    .0  1.5  4.0
03    220    .0  3.8  166    106    .0  6.7  166    114    .0  1.2  4.5
04    198    .0  5.7  224    119    .0  8.7  224     79    .0  1.1  2.0
05    158    .0  4.8  138     90    .0  7.7  138     68    .0   .9  2.0
06    128    .5  1.2  10.0     60    .5  1.3  10.0     68    .5  1.1  3.5
07     58    .5   .7  1.0     42    .5   .6  1.0     16    .5   .9  1.0
08    123    .0  1.5  84.2     63    .0  2.0  84.2     60    .0   .9  3.0
09    104    .0   .9  2.5     46    .0   .7  1.1     58    .5  1.0  2.5
10     47    .0   .8  1.5     18    .0   .6  1.0     29    .5  1.0  1.5
11     38    .0  1.3  23.5     17    .0  1.9  23.5     21    .5   .8  1.0
12     79    .0  3.0  83.1     43    .0  4.6  83.1     36    .0   .9  1.5
13    126    .5  1.3  23.5     71    .5  1.6  23.5     55    .5  1.0  1.5
14     95    .5  1.0  9.5     55    .5   .9  9.5     40    .5  1.1  2.0
15    183    .0  1.0  10.0     86    .0   .9  10.0     97    .0  1.1  2.5
16    110    .5  1.0  9.5     60    .5   .9  9.5     50    .5  1.1  2.0
17    151    .0  1.7  23.5     79    .5  1.5  23.5     72    .0  1.8  9.0
18    109    .5  1.4  24.0     38    .5  1.9  24.0     71    .5  1.1  3.5
19    169    .0  1.3  67.2     95    .0  1.6  67.2     74    .0  1.0  2.0
20    217    .0  4.3  173     67    .5 11.7  173    150    .0  1.1  2.5
21    158    .0  2.9  124     59    .0  6.1  124     99    .0  1.0  2.0
22     81    .5  5.2  247     30    .5 12.5  247     51    .5  1.0  1.5
23     72    .5  8.5  236     46    .5 12.8  236     26    .5   .9  1.0

```

PCTRPT - Concurrent allocation at xx%

```

1(C) IBM  REPORT=PCTRPT (05197)          MOUNTRPT - HOURLY CONCURRENT DRIVE ALLOCATION AT NN%          RUN ON 15AUG2005 @ 13:37:29          2
EARLIEST TIMESTAMP = 10JUN2002 @ 0:00:02 _____DEVELOPMENT TESTING_____ LATEST TIMESTAMP = 10JUN2002 @ 23:59:54
GRPNAME=PVTS                                USER REQUESTED  95TH PERCENTILE
0      MAX
      ALLOC  00  01  02  03  04  05  06  07  08  09  10  11  12  13  14  15  16  17  18  19  20  21  22  23
010JUN02  58  24  17   0  16  35  26  13   0   0   0   0   0   7   0  11   0  17  12   6  11  10   0   0

```

PLXRPT - Summary by TGROUPE and sysplex

```

1(C) IBM  REPORT=PLXRPT (05197)                TAPE MOUNT MONITOR - SUMMARY BY GRPNAME / SYSPLEX  RUN ON 15AUG2005 @ 13:37:31      1
START=10JUN2002 @ 0:00:02                      DEVELOPMENT TESTING                      END=10JUN2002 @ 23:59:54
010JUN2002    00:00 ----SHFT1---- 08:00    08:00 ----SHFT2---- 16:00    16:00 ----SHFT3---- 24:00    -----TOTAL-----
              SPCFC  AVG  SCRTCH  AVG      SPCFC  AVG  SCRTCH  AVG      SPCFC  AVG  SCRTCH  AVG      SPCFC  AVG  SCRTCH  AVG
GRPNAME  SPLEX  MNTS  MPND  MNTS  MPND      MNTS  MPND  MNTS  MPND      MNTS  MPND  MNTS  MPND      MNTS  MPND  MNTS  MPND
OK9490    KMF      27 :18.7    56 :23.9    7 :13.4    7 :16.1    17 :13.5    16 :22.9    51 :16.2    79 :23.0
              TOTAL    27 :18.7    56 :23.9    7 :13.4    7 :16.1    17 :13.5    16 :22.9    51 :16.2    79 :23.0
OPVTS     KMF      63 :00.8    53 :03.0    31 :01.0    1 :01.0    14 :00.7    4 :01.0    108 :00.8    58 :02.8
              KRC     689 :04.6    613 :01.2    368 :01.6    395 :01.0    460 :05.4    589 :01.1    1517 :04.1    1597 :01.1
              TOTAL    752 :04.3    666 :01.4    399 :01.6    396 :01.0    474 :05.3    593 :01.1    1625 :03.9    1655 :01.2
OTVTS     KMF      10 :00.7    7 :02.0    6 :00.8    1 :01.0    7 :00.9    1 :01.0    23 :00.8    9 :01.8
              KRC     151 :23.6    206 :01.6    84 :01.7    142 :01.3    131 :27.0    242 :01.2    366 :19.8    590 :01.4
              TOTAL    161 :22.2    213 :01.6    90 :01.6    143 :01.3    138 :25.7    243 :01.2    389 :18.7    599 :01.4
03480     KRC      14 :00.0    30 :12.9    3 :10.6    3 :10.6    6 :13.9    14 :00.0    39 :12.9
              TOTAL    14 :00.0    30 :12.9    3 :10.6    3 :10.6    6 :13.9    14 :00.0    39 :12.9
03590     KMF      57 :22.7    13 :57.1    99 :18.8    2 :52.7    223 :18.5    3 :55.2    726 :19.3    18 :56.3
              KRC     404 :19.9    13 :57.1    132 :18.9    2 :52.7    249 :18.9    3 :55.2    842 :19.6    18 :56.3
              TOTAL    461 :20.2    13 :57.1    132 :18.9    2 :52.7    249 :18.9    3 :55.2    842 :19.6    18 :56.3
09490     KRC      471 :18.8    1027 :14.4    389 :32.6    612 :17.0    249 :18.8    880 :15.2    1109 :23.6    2519 :15.3
              TOTAL    471 :18.8    1027 :14.4    389 :32.6    612 :17.0    249 :18.8    880 :15.2    1109 :23.6    2519 :15.3
09840     KRC      74 :16.8    65 :16.5    77 :18.5    45 :15.6    61 :19.5    53 :14.7    212 :18.2    163 :15.7
              TOTAL    74 :16.8    65 :16.5    77 :18.5    45 :15.6    61 :19.5    53 :14.7    212 :18.2    163 :15.7
OOVER-ALL TOTAL    1960 :13.6    2070 :09.5    1094 :16.0    1208 :09.9    1188 :14.2    1794 :08.8    4242 :14.4    5072 :09.3

```

PLXRPT - Summary by sysplex and TGROUP

```

1(C) IBM  REPORT=PLXRPT (05197)                TAPE MOUNT MONITOR - SUMMARY BY SYSPLEX / GRPNAME  RUN ON 15AUG2005 @ 13:37:31      1
          START=10JUN2002 @ 0:00:02                DEVELOPMENT TESTING                                END=10JUN2002 @ 23:59:54
010JUN2002    00:00 ----SHFT1---- 08:00          08:00 ----SHFT2---- 16:00          16:00 ----SHFT3---- 24:00          -----TOTAL-----
                SPCFC  AVG  SCRTCH  AVG          SPCFC  AVG  SCRTCH  AVG          SPCFC  AVG  SCRTCH  AVG          SPCFC  AVG  SCRTCH  AVG
  SPLEX GRPNAME  MNTS  MPND  MNTS  MPND          MNTS  MPND  MNTS  MPND          MNTS  MPND  MNTS  MPND          MNTS  MPND  MNTS  MPND
OKMF  K9490      27 :18.7    56 :23.9          7 :13.4    7 :16.1          17 :13.5    16 :22.9          51 :16.2    79 :23.0
        PVTS      63 :00.8    53 :03.0          31 :01.0    1 :01.0          14 :00.7    4 :01.0          108 :00.8    58 :02.8
        TVTS      10 :00.7     7 :02.0           6 :00.8    1 :01.0           7 :00.9    1 :01.0           23 :00.8     9 :01.8
        3590      57 :22.7           33 :19.1          26 :22.7           116 :21.7
        TOTAL    157 :11.8    116 :13.0          77 :09.8     9 :12.8          64 :13.1    21 :17.7          298 :11.6    146 :13.7
OKRC  PVTS      689 :04.6    613 :01.2          368 :01.6    395 :01.0          460 :05.4    589 :01.1          1517 :04.1    1597 :01.1
        TVTS      151 :23.6    206 :01.6          84 :01.7    142 :01.3          131 :27.0    242 :01.2          366 :19.8    590 :01.4
        3480      14 :00.0     30 :12.9           3 :10.6           6 :13.9     14 :00.0     39 :12.9
        3590      404 :19.9     13 :57.1           99 :18.8     2 :52.7          223 :18.5     3 :55.2          726 :19.3     18 :56.3
        9490      471 :18.8    1027 :14.4          389 :32.6    612 :17.0          249 :18.8    880 :15.2          1109 :23.6    2519 :15.3
        9840      74 :16.8     65 :16.5           77 :18.5     45 :15.6          61 :19.5     53 :14.7          212 :18.2     163 :15.7
        TOTAL    1803 :13.8    1954 :09.3          1017 :16.4    1199 :09.9          1124 :14.2    1773 :08.7          3944 :14.6    4926 :09.2
OOVER-ALL TOTAL  1960 :13.6    2070 :09.5          1094 :16.0    1208 :09.9          1188 :14.2    1794 :08.8          4242 :14.4    5072 :09.3

```

RTERPT - Mount arrival rates

```

1(C) IBM  REPORT=RTERPT (05197)          TAPE MOUNT MONITOR - MOUNT ARRIVAL RATE DISTRIBUTION          RUN ON 15AUG2005 @ 13:37:31          2
GRPNAME=PVTS      INTERVALSEC= 3600      DEVELOPMENT TESTING
REPORT START = 10JUN2002 @ 0:00:02      <--- 86392 SEC --->
0          ----- TOTAL MOUNTS -- 2964--          ----- SPECIFIC MOUNTS 1447--          ----- SCRATCH MOUNTS 1517--
ARRIVAL  NMBR OF INTVAL  NMBR OF  % OF  ACCUM      NMBR OF INTVAL  NMBR OF  % OF  ACCUM      NMBR OF INTVAL  NMBR OF  % OF  ACCUM
RATE     INTVALS  RATE%    MOUNTS  MNTS    PCT      INTVALS  RATE%    MOUNTS  MNTS    PCT      INTVALS  RATE%    MOUNTS  MNTS    PCT
0         0         1    4.1%         0         0         0         1    4.1%         0         0         0         1    4.1%         0
0         1         0         0         0         0         0         0         0         0         0         0         0         0
0         2         0         0         0         0         0         0         0         0         0         0         0         0
0         3         0         0         0         0         0         0         0         0         0         0         0         0
0         4         0         0         0         0         0         0         0         0         0         0         0         0
0         5         0         0         0         0         0         0         0         0         0         0         0         0
0         6         0         0         0         0         0         0         0         0         0         0         0         0
0         7         0         0         0         0         0         0         0         0         0         0         0         0
0         8         0         0         0         0         0         0         0         0         0         0         0         0
0         9         0         0         0         0         0         0         0         0         0         0         0         0
0        10         0         0         0         0         0         0         0         0         0         0         0         0
0       11-15         0         0         0         0         0         0         0         0         0         0         0         0
0       16-20         0         0         0         0         2    8.3%         35    2.4%    2.4%         1    4.1%         16    1.0%    1.0%
0       21-25         0         0         0         0         0         0         0         0         1    4.1%         21    1.3%    2.4%
0       26-30         0         0         0         0         1    4.1%         30    2.0%    4.4%         2    8.3%         55    3.6%    6.0%
0       31-40         1    4.1%         38    1.2%    1.2%         2    8.3%         71    4.9%    9.3%         2    8.3%         76    5.0%   11.0%
0       41-50         1    4.1%         47    1.5%    2.8%         4   16.6%        177   12.2%   21.6%         1    4.1%         50    3.2%   14.3%
0       51-75         2    8.3%        130    4.3%    7.2%         7   29.1%        435   30.0%   51.6%        10   41.6%        650   42.8%   57.2%
0       76-100        3   12.5%        255    8.6%   15.8%         4   16.6%        350   24.1%   75.8%         3   12.5%        276   18.1%   75.4%
0101-125         5   20.8%        552   18.6%   34.4%         3   12.5%        349   24.1%  100.0%         2    8.3%        224   14.7%   90.1%
0126-150         2    8.3%        254    8.5%   43.0%         0         0         0         1    4.1%        149    9.8%  100.0%
0151-200         6   25.0%       1018   34.3%   77.3%         0         0         0         0         0         0
0201-300         3   12.5%        670   22.6%  100.0%         0         0         0         0         0         0
0301-400         0         0         0         0         0         0         0         0         0         0
0401-500         0         0         0         0         0         0         0         0         0         0
0501-         0         0         0         0         0         0         0         0         0         0
0

```

New Reports

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Mount Monitor and Reporter

- **Where do I get it?**
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