A. Postmark summary:

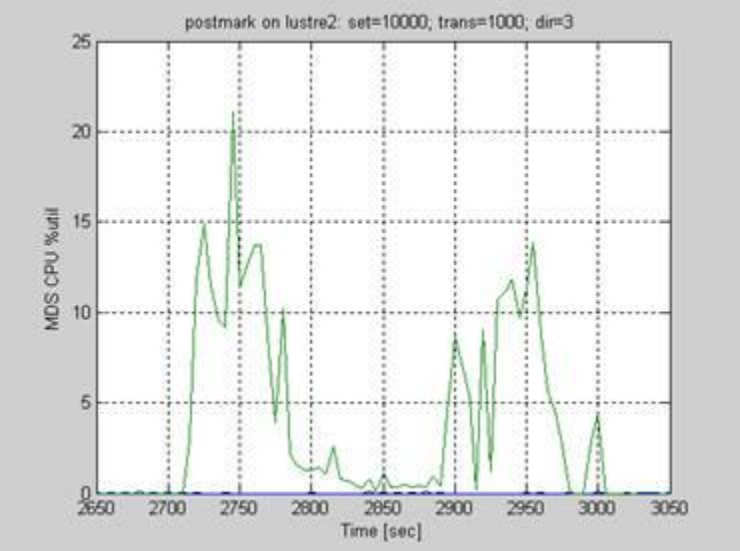
For this benchmark we used the parallel mpi version that can be found at:
http://michail.flouris.net/2008/06/parallel-postmark-benchmark/.

mpirun -np 32 -hostfile hostfile /root/mpipostmark-1.5.1/postmark pmtest
Following is the pmtest file used highlighting the 3 parameters we modified between the tests:

```
set location /mnt/lustre1
set number 20000
set transactions 1000
set subdirectories 3
set size 32768 400000
set bias read 16384
set write 16384
set partition prefix
set report cluster
run
quit
```

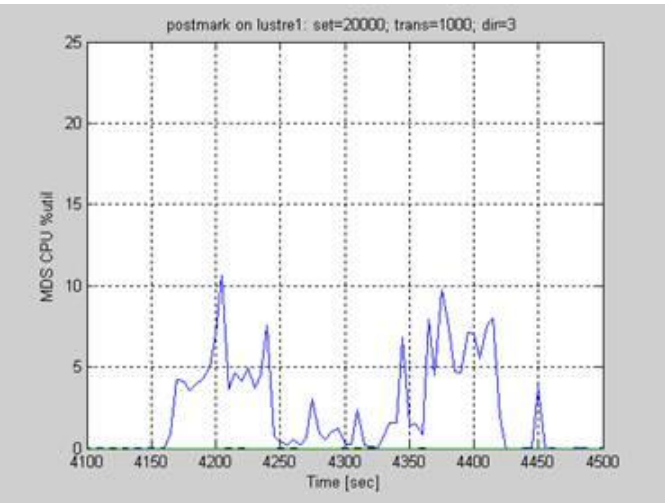
1. 10000, 1000, 3

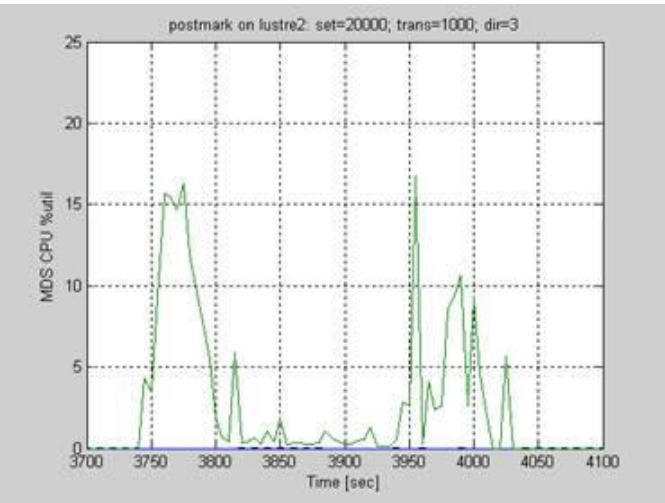
Total files	Tested FS	File Trans/s	File Creates/s	File Reads/s	File Append/s	File Delete/s	Read MB	Write MB	Read MB/sec	Write MB/s
335840	lustre2	2108	4344	1085	1068	4344	3338	71443	44	964



2. 20000, 1000, 3

Total files	Tested FS	File Trans/s	File Creates/s	File Reads/s	File Append/s	File Delete/s	Read MB	Write MB	Read MB/sec	Write MB/s
656064	lustre1	1066	3928	549	515	3927	3477	137296	21	841
656064	lustre2	1777	5151	1049	984	5151	3477	137296	28	1103





3. 20000, 1000, 30

Total files	Tested FS	File Trans/s	File Creates/s	File Reads/s	File Append/s	File Delete/s	Read MB	Write MB	Read MB/sec	Write MB/s
656064	lustre2	2133	4887	1110	1041	4887	3477	137296	26	1047