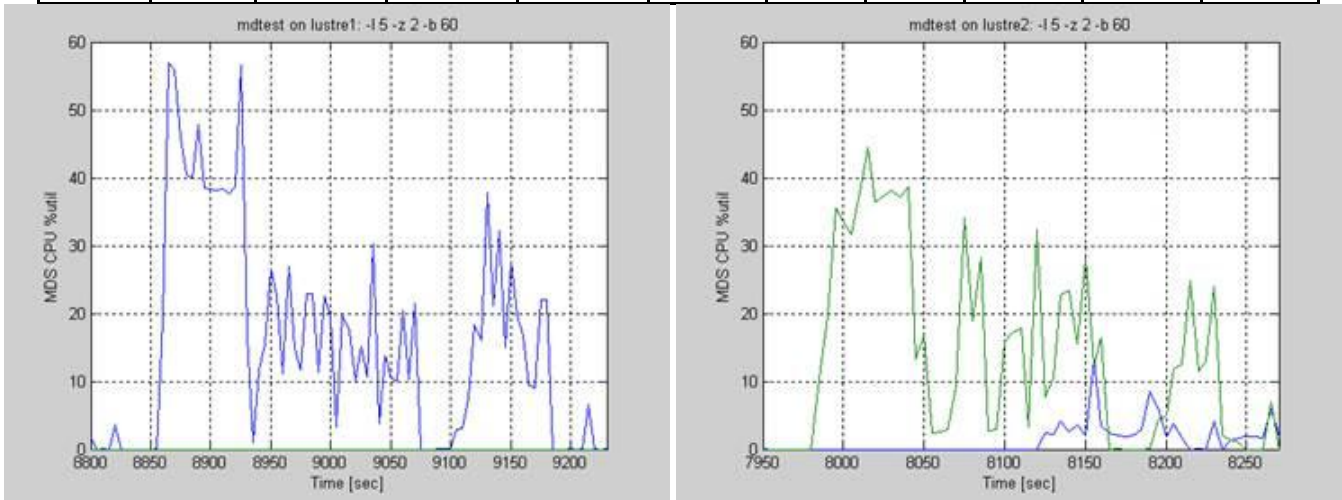


A. Mdtest summary:

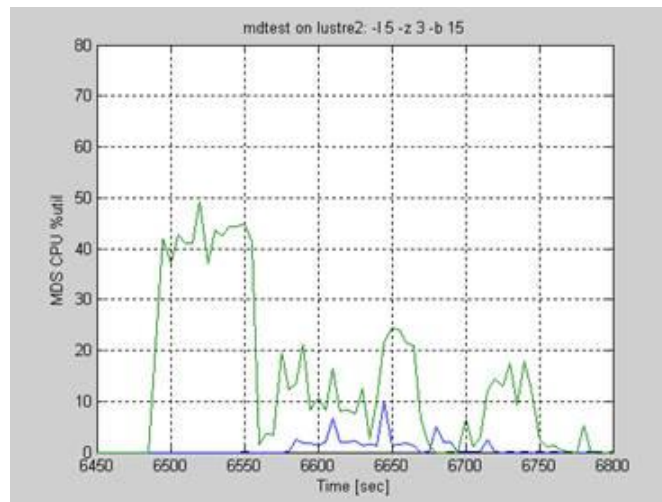
1. # mpirun -np 32 -hostfile hostfile /lab/mdtest-1.9.1/mdtest -l 5 -z 2 -b 60 -u -w 1 -d /mnt/lustre1

		Directory creation	Directory stat	Directory removal	File creation	File stat	File read	File removal	Tree creation	Tree removal
585760	lustre1	9206	136182	8291	9270	48415	23881	9877	319	277
585760	lustre2	10615	119646	9271	12253	91307	21311	15255	461	336



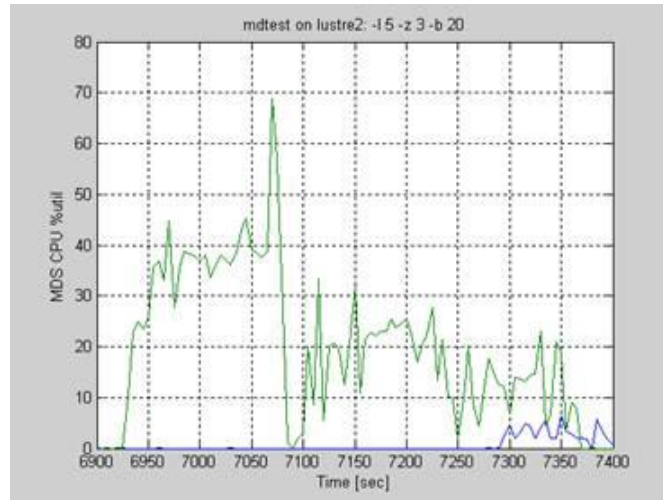
2. # mpirun -np 32 -hostfile hostfile /lab/mdtest-1.9.1/mdtest -l 5 -z 3 -b 15 -u -w 1 -d /mnt/lustre2

		Directory creation	Directory stat	Directory removal	File creation	File stat	File read	File removal	Tree creation	Tree removal
578560	lustre2	9801	139599	8876	12257	90993	21907	13629	368	312



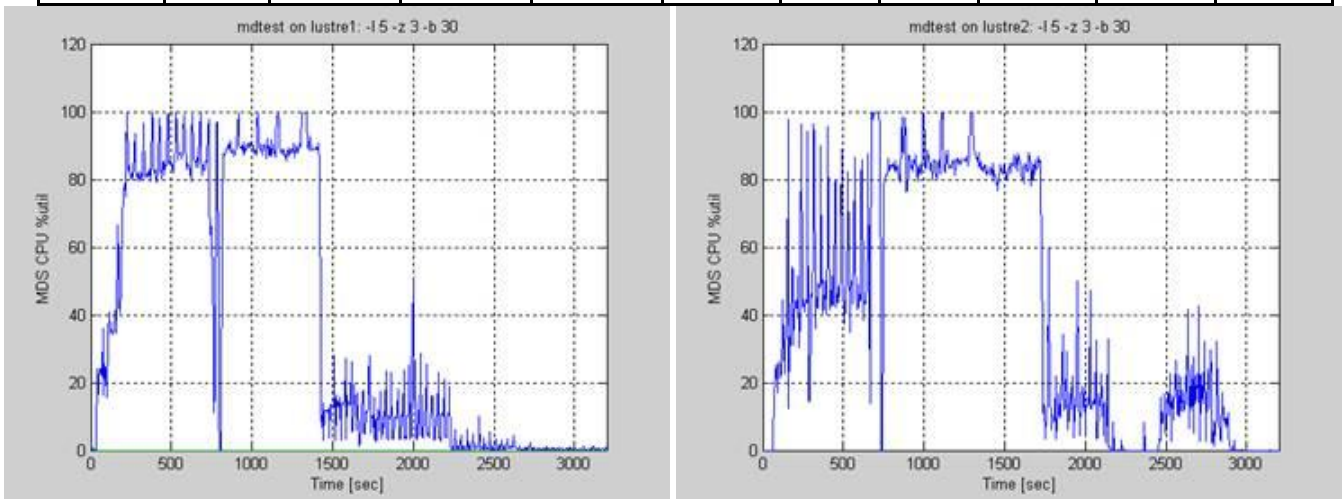
3. # mpirun -np 32 -hostfile hostfile /lab/mdtest-1.9.1/mdtest -l 5 -z 3 -b 20 -u -w 1 -d /mnt/lustre2

		Directory creation	Directory stat	Directory removal	File creation	File stat	File read	File removal	Tree creation	Tree removal
1347360	lustre1	10936	113928	9025	12564	71575	20245	13437	362	306
1347360	lustre2	9914	131277	8501	12348	79586	19257	14264	446	334



4. # mpirun -np 32 -hostfile hostfile /root/mdtest-1.9.1/mdtest -l 5 -z 3 -b 30 -u -w 1 -d /mnt/lustre2/

		Directory creation	Directory stat	Directory removal	File creation	File stat	File read	File removal	Tree creation	Tree removal
4468960	lustre1	6960	69041	4020	8091	31136	22331	8169	287	261
4468960	lustre2	8025	60658	4495	10694	58720	19928	12617	415	317



This is a short summary of the results including the diagrams of the MDS utilization. The lustre1 FS is a flash only Lustre and lustre2 is a 60 drives NL-SAS Lustre FS. Additional benchmarks results are welcome. We will have to discuss the meaning of the results as well as what stats of Lustre we can use to compare the benchmark except for the iostat on the MDS and OSS.