

CLYSO	Test 1	Test 2	Test 3	Test 4	Test 5	Test 6	Test 7	Test 8	Test 8 (rep 1)	Test 8 (rep 2)	Test 9	Test 10	Test 11	Test 12	Test 13
OSDs	160	160	160	160	160	160	160	160	160	160	160	159	159	159	159
Client Nodes	14	14	14	20	20	18	18	18	18	18	18	18	18	18	18
MPI Ranks	336	14	224 (wrong pin)	260	540	270	270	270	270	270	270	270	270	270	270
Active MDSes	14	14	14	14	28	28	28	28	28	28	28	28	28	28	28
Standby MDSes	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4
Replication	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
mdtest-easy Pinning Strategy	N-1 RR	N-1 RR	N-1 RR	N-1 RR	N-1 RR	N-1 RR	N-1 RR	N-1 RR	N-1 RR	N-1 RR	N-1 RR	N-1 RR	N-1 RR	N-1 RR	N-1 RR
ior-hard Pinning Strategy	none	none	none	none	none	none	rank 0	rank 0	rank 0	rank 0	rank 0	rank 0	rank 0	rank 0	rank 0
Meta PGs	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512
Data PGs	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096
debug_mds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mds_bal_interval	default (10)	default (10)	default (10)	default (10)	default (10)	default (10)	default (10)	default (10)	default (10)	default (10)	default (10)	default (10)	4	4	default (10)
mds_bal_sample_interval	default (3)	default (3)	default (3)	default (3)	default (3)	default (3)	default (3)	default (3)	default (3)	default (3)	default (3)	default (3)	2	2	default (3)
mds_bal_replicate_threshold	default (8000)	default (8000)	default (8000)	default (8000)	default (8000)	default (8000)	default (8000)	default (8000)	default (8000)	default (8000)	default (8000)	default (8000)	default (8000)	16000	default (8000)
mds_log_max_segments	default(128)	default(128)	default(128)	default(128)	default(128)	default(128)	default(128)	default(128)	default(128)	default(128)	default(128)	default(128)	default(128)	default(128)	512
CPU Hyperthreading	Off	Off	Off	Off	Off	Off	Off	Off	On	On	On	On	On	On	On
mds_cache_memory_limit	4GB	3B (partially 64GB)	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB	64GB
client pagecache	on	on	on	on	on	on	on	on	on	on	Off	Off	Off	Off	Off
client caps_wanted_delay_*	default (5/60)	default (5/60)	default (5/60)	default (5/60)	default (5/60)	default (5/60)	default (5/60)	default (5/60)	default (5/60)	default (5/60)	default (5/60)	1/1	1/1	1/1	1/1
Result Directory		2024.09.20-03.54.13	2024.09.20-05.43.23	2024.09.20-12.43.51		2024.09.20-19.51.06	2024.09.20-21.00.45	2024.09.24-18.07.38	2024.09.24-19.25.10	2024.09.24-20.56.57	2024.09.25-00.17.03	2024.09.25-01.47.00	2024.09.25-03.02.09	2024.09.25-04.09.50	2024.09.25-05.14.25
ior-easy-write (GiB/s)	17.31	16.47	17.32	17.57	16.52	17.41	17.14	23.53	23.64	23.63	24.57	23.80	24.78	23.84	23.74
mdtest-easy-write (kIOPS)	76.56	43.00	54.99	87.96	156.89	160.99	162.58	173.17	169.30	166.95	164.21	162.92	167.81	167.30	169.20
timestamp (kIOPS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ior-hard-write (GiB/s)	0.51	0.40	0.46	0.77	0.30	0.30	0.34	0.53	0.55	0.55	0.56	0.72	0.72	0.72	0.71
mdtest-hard-write (kIOPS)	14.42	17.21	15.26	20.02	12.06	15.29	15.94	16.31	17.78	16.33	21.11	16.43	25.08	20.55	20.92
find (kIOPS)	211.10	113.53	625.14	370.33	too many open files)	1161.23	1141.51	579.37	858.43	553.85	978.32	710.62	464.27	718.91	761.93
ior-easy-read (GiB/s)	68.44	19.28	66.37	68.00		71.03	78.96	70.99	80.04	71.94	78.51	78.09	78.04	77.91	78.25
mdtest-easy-stat (kIOPS)	very slow, canceled	9.85	123.57	117.78		127.21	125.45	114.88	114.29	110.62	118.46	113.24	112.84	118.00	110.38
ior-hard-read (GiB/s)		0.56	2.82	3.42		3.42	3.50	3.36	3.44	3.38	18.60	17.75	15.03	18.17	14.85
mdtest-hard-stat (kIOPS)		26.22	87.22	82.98		78.57	81.08	69.36	94.38	55.14	108.64	67.39	118.57	93.85	95.58
mdtest-easy-delete (kIOPS)		28.32	15.75	43.64		90.57	89.41	78.57	73.69	74.05	73.43	95.01	72.53	76.49	68.69
mdtest-hard-read (kIOPS)		20.21	15.68	56.81		41.27	53.55	8.29	75.81	6.07	76.75	39.13	27.63	28.34	23.65
mdtest-hard-delete (kIOPS)		3.44	4.70	6.21		21.98	24.51	7.58	12.56	5.90	13.11	15.14	13.82	12.58	11.65
SCORE		7.88	15.76	20.48		22.29	23.56	19.83	25.13	18.80	32.17	30.11	29.45	30.03	28.67