CFT Exec Report

Product	Lyve Rack
Build	#Build
Date	Date
System	System

Reported Bugs

Priority	Test Setup	Cortx Stack
Total	21	22
Blocker	31	32
Critical	41	42
Major	51	52
Minor	61	62
Trivial	71	72

Overall QA Report

Status	#Build	#Build-1
Total	21	22
Pass	31	32
Failed	41	42
Aborted	51	52
Pass	61	62
ToDo	71	72

Component Level Summary

Component	#Build	NA	NA	NA
Automation	0	NA	NA	NA
CSM	1	NA	NA	NA
CFT	0	NA	NA	NA
doc	0	NA	NA	NA
Foundation	0	NA	NA	NA
HA	0	NA	NA	NA
hare	0	NA	NA	NA
Monitor	0	NA	NA	NA
Motr	0	NA	NA	NA
Provisioner	0	NA	NA	NA
S3Server	1	NA	NA	NA
UDX	0	NA	NA	NA

Single Bucket Performance Statistics (Average) using S3Bench

Statistics	4Kb	256Kb	100Kb	1Mb	5Mb	16Mb	36Mb	64Mb	128Mb	256Mb
Write Throughput (MBps)	0.09	-	2	20	130	-	500	553	581	549
Write Latency (ms)	1404	-	1432	1606	1258	-	2321	3713	7123	15209
Write IOPS	22	-	22	20	26	-	13	8	4	2
Write TTFB (ms)	1404	-	1432	1606	1258	-	2321	3713	7123	15209
Read Throughput (MBps)	0.73	-	29	220	893	-	1067	1309	1407	1240
Read Latency (ms)	177	-	108	147	183	-	1106	1590	2872	6787
Read IOPS	182	-	295	220	179	-	30	20	10	4
Read TTFB (ms)	177	-	77	126	149	-	170	202	211	211

Multiple Buckets Performance Statistics (Average) using HSBench and COSBench											
Tool	Statistics	4Kb	256Kb	100Kb	1Mb	5Mb	16Mb	36Mb	64Mb	128Mb	256Mb
Hsbench 1 Buckets 100 Sessions	Write Throughput	-	-	-	-	-	-	-	-	-	-
	Write Latency	-	-	-	-	-	-	-	-	-	-
	Write IOPS	-	-	-	-	-	-	-	-	-	-
	Read Throughput	-	-	-	-	-	-	-	-	-	-
	Read Latency	-	-	-	-	-	-	-	-	-	-
	Read IOPS	-	-	-	-	-	-	-	-	-	-
Hsbench 10 Buckets 100 Sessions	Write Throughput	-	-	-	-	-	-	-	-	-	-
	Write Latency	-	-	-	-	-	-	-	-	-	-
	Write IOPS	-	-	-	-	-	-	-	-	-	-
	Read Throughput	-	-	-	-	-	-	-	-	-	-
	Read Latency	-	-	-	-	-	-	-	-	-	-
	Read IOPS	-	-	-	-	-	-	-	-	-	-
Hsbench 50 Buckets 100 Sessions	Write Throughput	-	-	-	-	-	-	-	-	-	-
	Write Latency	-	-	-	-	-	-	-	-	-	-
	Write IOPS	-	-	-	-	-	-	-	-	-	-
	Read Throughput	-	-	-	-	-	-	-	-	-	-
	Read Latency	-	-	-	-	-	-	-	-	-	-
	Read IOPS	-	-	-	-	-	-	-	-	-	-
Cosbench 1 Buckets 100 Sessions	Write Throughput	-	-	-	-	-	-	-	-	-	-
	Write Latency	-	-	-	-	-	-	-	-	-	-
	Write IOPS	-	-	-	-	-	-	-	-	-	-
	Read Throughput	-	-	-	-	-	-	-	-	-	-
	Read Latency	-	-	-	-	-	-	-	-	-	-
	Read IOPS	-	-	-	-	-	-	-	-	-	-
Cosbench 10 Buckets 100 Sessions	Write Throughput	-	-	-	-	-	-	-	-	-	-
	Write Latency	-	-	-	-	-	-	-	-	-	-
	Write IOPS	-	-	-	-	-	-	-	-	-	-
	Read Throughput	-	-	-	-	-	-	-	-	-	-
	Read Latency	-	-	-	-	-	-	-	-	-	-
	Read IOPS	-	-	-	-	-	-	-	-	-	-
Cosbench 50 Buckets 100 Sessions	Write Throughput	-	-	-	-	-	-	-	-	-	-
	Write Latency	-	-	-	-	-	-	-	-	-	-
	Write IOPS	-	-	-	-	-	-	-	-	-	-
	Read Throughput	-	-	-	-	-	-	-	-	-	-
	Read Latency	-	-	-	-	-	-	-	-	-	-
	Read IOPS	-	-	-	-	-	-	-	-	-	-

Metadata Latencies (captured with 1KB object)

Operation Latency (ms)	Response Time
Add / Edit Object Tags	338.0
Read Object Tags	73.0
Read Object Metadata	73.0

Timing Summary (Seconds)

Parameters	515	463	403	398	394
Update	1440.0	NA	NA	NA	NA
Deployment	5220.0	NA	5400.0	NA	NA
Boxing	240.0	NA	NA	NA	NA
Unboxing	1380.0	NA	NA	NA	NA
Onboarding	NA	NA	240.0	NA	NA
Firmware Update	NA	NA	NA	NA	NA
Reboot Node	278.0	NA	345.0	NA	NA
Start Node	NA	NA	NA	NA	NA
Stop Node	NA	NA	10.0	NA	NA
Stop all Services	170.0	NA	167.0	NA	NA
Node Failover	180.0	NA	183.0	NA	NA
Node Failback	160.0	NA	205.0	NA	NA
Start All Services	196.0	NA	205.0	NA	NA
Bucket Creation	1.0	NA	1.0	NA	NA
Bucket Deletion	5.0	NA	4.0	NA	NA

NA signifies the data is Not Available.

Detailed Reported Bugs

Component	Test ID	Priority	JIRA ID	Status	Description
CFT_NEW_TEST	TEST-13558	Blocker	EOS-13330	In Progress	HA : Node fail-over is taking more than 120 secs to able to do IO's
CFT_NEW_TEST	TEST-13558	Major	EOS-15384	In Progress	Build #515: Hax crash observed during all SAS phy disable/enable test
CFT_NEW_TEST	TEST-13558	Major	EOS-15355	In Progress	Build: 516 - Isolated Network - S3Server Crash is observed when we recover from node failover
RAS	TEST-5343	Critical	EOS-14711	In Progress	Older MDRAID Alerts getting overwritten On UI with new MDRAID Alerts
RAS	TEST-11083	Blocker	EOS-15280	In Progress	HA : # 486: Stonith resulted after public data cable fault for primary node
CSM	TEST-12845	Blocker	EOS-15306	Closed	Logs :#515: Motr support bundle not collected from support bundle

Provisioner	TEST-9059	Blocker	EOS-15324	Resolved	Install : #515: Boxing process hung blocking shutdown nodes
CFT_NEW_TEST	TEST-14347	Major	EOS-15336	In Progress	DR : service failed to recover on node-1-m0d@0x7200000000000001:0xc.service
CSM	TEST-12846	Major	EOS-15350	In Progress	Stopping Node-2 services causes the node-1 to shutdown
CFT_NEW_TEST	TEST-14990	Major	EOS-15390	In Progress	Build 515: No alerts observed for enclosure disk disable/enable and enclosure fan removal/insertion operations
CSM	TEST-6150	Major	EOS-15443	New	Firmware upgrade status shows FAIL on UI even if it is passed on controller