

Quest 8-Node S2D-5208i

3-Way Mirror, 20 VMs per Node

Hardware information (per node)		Additional information	
Processor	Intel® Xeon® Silver 4110 2.1GHz (8-Core x2)	Storage Pool	1
Memory	Samsung 32GB x4 (128GB)	Number of Virtual Disks	8
RDMA	Mellanox ConnectX-4 Single Port 40/56GbE x2		
NVMe	Intel P3520 2.0TB x3	Interleave size	256kb (Default)
SSD	N/A		
HDD	DNS-2760 JBOD x8 with 24x HGST He 10TB 0F27402 per JBOD		

Test Results:

1. Random 4Kb, 8 Threads, 8 Outstanding I/O, (0% write / 100% read)

CSV FS	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat				
Total	1,821,252	1,820,961	291	7,458	7,451	7						
quest8-n2	234,640	234,592	48	963	960	3	0.296	0.730				
quest8-n3	212,339	212,285	54	870	869	1	0.294	0.646				
quest8-n4	242,771	242,733	38	994	994		0.296	0.562				
quest8-n5	228,747	228,725	21	936	936		0.295	0.640				
quest8-n6	226,860	226,808	52	930	928	1	0.296	0.709				
quest8-n7	233,212	233,193	19	955	954		0.295	0.595				
quest8-n8	232,912	232,887	25	953	953		0.293	0.648				
questAB-n1	209,772	209,738	34	857	856		0.302	0.681				

SYS	CPU (%)											
Total	891											
quest8-n2	87											
quest8-n3	89											
quest8-n4	82											
quest8-n5	87											
quest8-n6	86											
quest8-n7	85											
quest8-n8	86											
questAB-n1	87											

SSB Cache	Hit/Sec	Miss/Sec	Remap/Sec	Cache (MB/s)	Read	Write	Destage (MB/s)	Update (MB/s)				
Total	1,823,610			23		23	1,235	9				
quest8-n2	224,856			3		3	158	1				
quest8-n3	233,608			3		3	152	1				
quest8-n4	220,409			3		3	148	1				
quest8-n5	235,982			3		3	164	1				
quest8-n6	239,103			4		4	157	1				
quest8-n7	226,666			2		2	151	1				
quest8-n8	231,576			2		2	152	1				
questAB-n1	211,409			3		3	154	1				

SBL	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat				
Total	1,819,416	1,818,473	943	7,470	7,450	20						
quest8-n2	234,525	234,346	179	969	960	9	0.261	0.316				
quest8-n3	212,211	212,035	176	872	869	4	0.255	0.273				
quest8-n4	242,605	242,490	115	995	994	1	0.260	0.261				
quest8-n5	228,540	228,473	67	936	936	1	0.258	0.275				
quest8-n6	226,803	226,635	168	932	928	4	0.259	0.318				
quest8-n7	233,123	233,064	59	956	956		0.259	0.237				
quest8-n8	232,646	232,570	76	953	952	1	0.256	0.281				
questAB-n1	208,964	208,860	104	857	856	1	0.264	0.286				

S2D BW	CSV(MB/s)	CSVRead	CSVwrite	SBL(MB/s)	SBLRead	SBLwrite	Disk(MB/s)	DiskRead	DiskWrite	Cache(MB/s)	CacheRead	CacheWrite
Total	7,458	7,451	7	7,470	7,450	20	4,636	4,613	23	4,636	4,613	23
quest8-n2	963	960	3	969	960	9	924	921	3	924	921	3
quest8-n3	870	869	1	872	869	4	960	957	3	960	957	3
quest8-n4	994	994		995	994	1	906	903	3	906	903	3
quest8-n5	936	936		936	936	1	970	967	3	970	967	3
quest8-n6	930	928	1	932	928	4	4	4	4	4	4	4
quest8-n7	955	954		956	956		2	2	2	2	2	2
quest8-n8	953	953		953	952	1	2	2	2	2	2	2
questAB-n1	857	856		857	856	1	869	866	3	869	866	3

2. Random 4Kb, 8 Threads, 8 Outstanding I/O, (100% write / 0% read)

CSV FS	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat				
Total	780,473	360	680,413	2,792	1	2,791						
quest8-n2	89,394	5	87,389	358		358	1.019	1.970				
quest8-n3	83,110	3	83,107	341		341	1.016	1.842				
quest8-n4	89,247	13	89,234	366		366	0.697	2.003				
quest8-n5	84,698	16	84,682	347		347	0.794	1.878				
quest8-n6	84,651	9	84,642	347		347	1.212	1.873				
quest8-n7	87,266	9	87,256	358		358	0.878	1.908				
quest8-n8	85,688	5	85,682	352		351	0.958	2.022				
questAB-n1	79,119	297	78,821	323		323	0.003	1.874				
SYS CPU (%)												
Total	780											
quest8-n2	97											
quest8-n3	99											
quest8-n4	98											
quest8-n5	98											
quest8-n6	98											
quest8-n7	96											
quest8-n8	96											
questAB-n1	97											
SSB Cache Hit/Sec Miss/Sec Remap/Sec												
Total	66			5,219	Read	Write	Destage (MB/s)	Update (MB/s)				
quest8-n2	3			1,036		1,036	87	276				
quest8-n3	7			1,075		1,075	95	279				
quest8-n4	14			1,006		1,006	86	270				
quest8-n5	14						103	277				
quest8-n6	14			1,096		1,096	112	281				
quest8-n7	7			1,007		1,007	87	276				
quest8-n8	2						102	271				
questAB-n1	4						90	276				
SBL IOPS Reads Writes BW (MB/s) Read Write Read Lat (ms) Write Lat												
Total	2,042,115	65	2,042,050	6,219	6,218							
quest8-n2	262,259	6	262,253	1,075	1,075	0.927	1.018					
quest8-n3	249,210	3	249,207	1,021	1,021	0.975	0.938					
quest8-n4	267,627	14	267,613	1,042	1,042	0.649	1.042					
quest8-n5	254,158	17	254,140	1,042	1,042	0.726	0.967					
quest8-n6	253,673	9	253,664	1,040	1,040	1.167	0.959					
quest8-n7	261,605	9	261,595	1,073	1,073	0.875	0.987					
quest8-n8	257,208	6	257,202			0.848	1.027					
questAB-n1	236,376		236,376	968	968	0.000	0.964					
S2D BW CSV(MB/s) CSVRead CSVWrite SBL(MB/s) SBLRead SBLWrite Disk(MB/s) DiskRead DiskWrite Cache(MB/s) CacheRead CacheWrite												
Total	2,792	1	2,791	6,219	6,218	3,220	3,219	3,219	3,220	3,219	3,219	3,219
quest8-n2	341		358	1,075	1,075	1,026	1,036	1,026	1,036	1,036	1,036	1,036
quest8-n3	341		341	1,021	1,021	1,075	1,075	1,075	1,075	1,075	1,075	1,075
quest8-n4	366		366			1,006	1,006	1,006	1,006	1,006	1,006	1,006
quest8-n5	347		347			1,042	1,042	1,042	1,042	1,042	1,042	1,042
quest8-n6	347		347	1,040	1,040		1,096	1,096	1,096	1,096	1,096	1,096
quest8-n7	358		358	1,073	1,073		1,007	1,007	1,007	1,007	1,007	1,007
quest8-n8	352		351									
questAB-n1	323		323			968	968	968	968	968	968	968

3. Random 4Kb, 8 Threads, 8 Outstanding I/O, (30% write / 70% read)

CSV FS	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat				
Total	1,130,739	792,078	338,661	4,635	3,239	1,396						
quest8-n2	143,217	100,354	42,863	587	410	177	0.470	0.959				
quest8-n3	133,887	93,928	39,959	549	384	165	0.458	0.959				
quest8-n4	148,417	103,665	44,752	608	424	184	0.478	0.976				
quest8-n5	149,177	100,299	42,877	587	410	177	0.463	0.931				
quest8-n6	140,454	98,329	42,125	575	402	173	0.467	0.945				
quest8-n7	144,457	101,275	43,182	592	414	178	0.473	0.936				
quest8-n8	143,287	100,408	42,879	587	411	176	0.463	0.966				
questAB-n1	133,843	93,819	40,024	549	384	166	0.468	0.953				
SYS CPU (%)												
Total	746											
quest8-n2	92											
quest8-n3	96											
quest8-n4	92											
quest8-n5	94											
quest8-n6	94											
quest8-n7	92											
quest8-n8	93											
questAB-n1	94											
SSB Cache Hit/Sec Miss/Sec Remap/Sec												
Total	790,808			2,618	Read	Write	Destage (MB/s)	Update (MB/s)				
quest8-n2	97,187			536		536	863	1,854				
quest8-n3	101,860						121	234				
quest8-n4	94,809			536		536	122	283				
quest8-n5	102,540			551		551	125	229				
quest8-n6	104,204						125	234				
quest8-n7	97,705			507		507	125	235				
quest8-n8	100,249			532		532	123	230				
questAB-n1	92,054			493		493	126	235				
							120	225				
SBL IOPS Reads Writes BW (MB/s) Read Write Read Lat (ms) Write Lat												
Total	1,806,642	790,432	1,016,210	7,428	3,238	4,189						
quest8-n2	228,740	100,112	128,628	941	410	531	0.430	0.492				
quest8-n3	213,617	93,715	119,903	879	384	495	0.414	0.482				
quest8-n4	237,792	103,513	134,279	976	424	552	0.437	0.502				
quest8-n5	228,758	100,102	128,656	940	410	530	0.422	0.475				
quest8-n6	224,585	98,160	126,425	922	402	520	0.425	0.483				
quest8-n7	230,463	100,996	129,467	948	414	534	0.431	0.482				
quest8-n8	228,903	100,209	128,693	940	411	530	0.421	0.490				
questAB-n1	213,784	93,626	120,158	881	383	497	0.425	0.484				
S2D BW CSV(MB/s) CSVRead CSVWrite SBL(MB/s) SBLRead SBLWrite Disk(MB/s) DiskRead DiskWrite Cache(MB/s) CacheRead CacheWrite												
Total	4,635	3,239	1,396	7,420	3,238	4,189	5,430	2,812	2,618	5,053	2,434	2,618
quest8-n2	587	410	177	941	410	531	398	398	398	398	398	398
quest8-n3	549	384	165	879	384	495	953	417	536	953	417	536
quest8-n4	608	424	184	976	424	552	388	388	388	388	388	388
quest8-n5	587	410	177	940	410	530	971	420	551	971	420	551
quest8-n6	575	402	173	922	402	520						
quest8-n7	592	414	178	948	414	534	907	400	507	907	400	507
quest8-n8	587	411	176	940	411	530	943	411	532	943	411	532
questAB-n1	549	384	166	881	383	497	870	377	493	870	377	493

4. Random 4Kb, 8 Threads, 8 Outstanding I/O, (50% write / 50% read)

CSV FS	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat
Total	916,662	463,023	463,639	1,796	1,897	1,900		
quest8-n2	118,473	59,035	59,438	485	242	244	0.586	1.313
quest8-n3	108,589	54,192	54,397	445	222	223	0.564	1.292
quest8-n4	121,298	60,845	60,453	497	249	248	0.600	1.343
quest8-n5	116,374	58,104	58,269	477	238	239	0.571	1.276
quest8-n6	115,918	57,870	58,047	475	237	238	0.573	1.269
quest8-n7	120,374	60,270	60,304	494	247	247	0.578	1.268
quest8-n8	114,629	57,272	57,356	470	235	235	0.566	1.306
questAB-n1	110,808	55,434	55,374	454	227	227	0.581	1.264

SYS	CPU (%)
Total	769
quest8-n2	96
quest8-n3	97
quest8-n4	94
quest8-n5	96
quest8-n6	96
quest8-n7	96
quest8-n8	97
questAB-n1	96

SSB Cache	Hit/Sec	Miss/Sec	Remap/Sec	Cache (MB/s)	Read	Write	Destage (MB/s)	Update (MB/s)
Total	464,740			3,542		3,542	1,249	1,889
quest8-n2	57,408			706		706	206	236
quest8-n3	59,767			732		732	206	238
quest8-n4	55,891			695		695	206	235
quest8-n5	60,138						210	238
quest8-n6	61,106							237
quest8-n7	57,826			688		688	205	239
quest8-n8	58,296			721		721	213	232
questAB-n1	54,308						208	233

SBL	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat
Total	1,854,294	463,079	1,391,215	5,435	1,897	3,538		
quest8-n2	237,576	59,077	178,499	974	242	732	0.542	0.660
quest8-n3	217,269	54,165	163,104	891	222	669	0.517	0.638
quest8-n4	242,252	60,849	181,403	249	249	669	0.557	0.686
quest8-n5	233,105	58,149	174,956	955	238	717	0.527	0.638
quest8-n6	232,128	57,894	174,234	237	237	740	0.527	0.639
quest8-n7	241,006	60,230	180,776	987	247	740	0.533	0.641
quest8-n8	229,507	57,311	172,196	235	235		0.521	0.644
questAB-n1	221,452	55,404	166,048	907	227	680	0.534	0.638

S2D BW	CSV(MB/s)	CSVRead	CSVWrite	SBL(MB/s)	SBLRead	SBLWrite	Disk(MB/s)	DiskRead	DiskWrite	Cache(MB/s)	CacheRead	CacheWrite
Total	1,796	1,897	1,900	5,435	1,897	3,538	3,423	1,881	3,542	3,445	1,904	3,542
quest8-n2	485	242	244	974	242	732	941	235	706	941	235	706
quest8-n3	445	222	223	891	222	669	977	245	732	977	245	732
quest8-n4	497	249	248	249	249	669	924	229	695	924	229	695
quest8-n5	477	238	239	955	238	717	246	246	695	246	246	695
quest8-n6	475	237	238	237	237	740	250	250	695	250	250	695
quest8-n7	494	247	247	987	247	740	925	237	688	925	237	688
quest8-n8	470	235	235	235	235		960	239	721	960	239	721
questAB-n1	454	227	227	907	227	680	960	239	721	960	239	721

5. Sequential 512K, 1 Threads, 1 Outstanding I/O, (0% write / 100% read)

CSV FS	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat
Total	71,993	38,374	5	38,374	38,374	1		
quest8-n2	9,707	9,698	5	4,786	4,785	1	1.736	0.860
quest8-n3	9,321	9,316	5	4,767	4,767		1.836	0.928
quest8-n4	9,792	9,788	3	4,807	4,807		1.721	4.981
quest8-n5	9,289	9,280	2	4,749	4,748		1.824	1.530
quest8-n6	8,714	8,712	2	4,451	4,451		1.964	2.977
quest8-n7	9,240	9,235	1	4,725	4,725		1.825	3.744
quest8-n8	9,364	9,350	14	4,786	4,785		1.809	2.124
questAB-n1	10,567	10,562	5	5,304	5,304		1.731	3.918

SYS	CPU (%)
Total	156
quest8-n2	20
quest8-n3	20
quest8-n4	21
quest8-n5	21
quest8-n6	20
quest8-n7	21
quest8-n8	20
questAB-n1	11

SSB Cache	Hit/Sec	Miss/Sec	Remap/Sec	Cache (MB/s)	Read	Write	Destage (MB/s)	Update (MB/s)
Total	219,311			4		4	1,930	9
quest8-n2	26,816						241	1
quest8-n3	28,387			1		1	236	1
quest8-n4	25,367						235	1
quest8-n5	28,654			1		1	242	1
quest8-n6	30,254						248	1
quest8-n7	27,461						238	1
quest8-n8	27,362			1		1	237	1
questAB-n1	25,010			1		1	253	1

SBL	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat
Total	219,760	219,590	171	38,383	38,379	4		
quest8-n2	27,403	27,375	28	4,784	4,784	1	1.253	0.402
quest8-n3	27,298	27,281	16	4,770	4,769		1.312	0.499
quest8-n4	27,521	27,509	12	4,810	4,809		1.250	3.044
quest8-n5	27,208	27,179	30	4,750	4,749	1	1.280	1.020
quest8-n6	25,475	25,466	9	4,451	4,451		1.381	1.879
quest8-n7	27,056	27,040	16	4,726	4,725		1.284	1.335
quest8-n8	27,427	27,384	43	4,787	4,786	1	1.264	0.981
questAB-n1	30,373	30,357	16	5,306	5,306		1.275	2.519

S2D BW	CSV(MB/s)	CSVRead	CSVWrite	SBL(MB/s)	SBLRead	SBLWrite	Disk(MB/s)	DiskRead	DiskWrite	Cache(MB/s)	CacheRead	CacheWrite
Total	38,374	38,374	1	38,383	38,379	4	3,561	3,557	4	3,787	3,783	4
quest8-n2	4,786	4,785	1	4,784	4,784	1						
quest8-n3	4,767	4,767		4,770	4,769		917	917	1	917	917	1
quest8-n4	4,807	4,807		4,810	4,809					227	226	
quest8-n5	4,749	4,748		4,750	4,749	1			1	656	656	1
quest8-n6	4,451	4,451		4,451	4,451					826	826	
quest8-n7	4,725	4,725		4,726	4,725					572	571	
quest8-n8	4,786	4,785		4,787	4,786	1			1	480	479	
questAB-n1	5,304	5,304		5,306	5,306		109	108	1	109	108	1

6. Sequential 512K, 1 Threads, 2 Outstanding I/O, (0% write / 100% read)

CSV FS	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat
Total	86,196	86,137	60	44,380	44,378	1		
quest8-n2	11,561	11,552	9	5,848	5,847		3.121	1.798
quest8-n3	10,511	10,503	8	5,507	5,506		3.485	3.136
quest8-n4	13,096	13,081	14	6,495	6,495		2.743	1.998
quest8-n5	9,260	9,257	2	4,854	4,853		3.959	6.171
quest8-n6	10,376	10,374	2	5,439	5,439		3.500	0.961
quest8-n7	9,818	9,813	4	5,145	5,145		3.714	1.155
quest8-n8	10,631	10,619	12	5,568	5,568		3.416	2.167
questAB-n1	10,945	10,936	8	5,525	5,525		3.450	5.351

SYS	CPU (%)
Total	173
quest8-n2	23
quest8-n3	23
quest8-n4	23
quest8-n5	21
quest8-n6	23
quest8-n7	23
quest8-n8	23
questAB-n1	15

SSB Cache	Hit/Sec	Miss/Sec	Remap/Sec	Cache (MB/s)	Read	Write	Destage (MB/s)	Update (MB/s)
Total	255,289			4	4	1,552	8	
quest8-n2	30,581			1	1	225	1	
quest8-n3	32,524			1	1	236	1	
quest8-n4	34,361			1	1	229	1	
quest8-n5	31,297			1	1	1	1	
quest8-n6	33,478			1	1	226	1	
quest8-n7	31,734			1	1	202	1	
quest8-n8	33,515			1	1	225	1	
questAB-n1	30,800			1	1	209	1	

SBL	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat
Total	254,129	253,941	188	44,386	44,382	4		
quest8-n2	33,492	33,465	27	5,850	5,849	1	2.107	0.872
quest8-n3	31,514	31,488	25	5,505	5,505		2.240	1.937
quest8-n4	37,217	37,171	46	6,496	6,495	1	1.994	1.148
quest8-n5	27,775	27,767	7	4,855	4,855		2.403	4.000
quest8-n6	31,133	31,127	6	5,439	5,439		2.231	0.495
quest8-n7	29,469	29,456	13	5,150	5,149		2.333	0.711
quest8-n8	31,887	31,852	35	5,568	5,567	1	2.220	0.976
questAB-n1	31,642	31,613	28	5,524	5,523		2.268	3.171

S2D BW	CSV(MB/s)	CSVRead	CSVWrite	SBL(MB/s)	SBLRead	SBLWrite	Disk(MB/s)	DiskRead	DiskWrite	Cache(MB/s)	CacheRead	CacheWrite
Total	44,380	44,378	1	44,386	44,382	4	3,290	3,285	4	3,290	3,286	4
quest8-n2	5,848	5,847		5,850	5,849	1	890	890	1	890	890	1
quest8-n3	5,507	5,506		5,505	5,505							
quest8-n4	6,495	6,495		6,496	6,495	1	1	1,132	1,131	1	1,132	1,131
quest8-n5	4,854	4,853		4,855	4,855		1	1	1	1	1,132	1,131
quest8-n6	5,439	5,439		5,439	5,439		1	1	1	1	1,265	1,265
quest8-n7	5,145	5,145		5,150	5,149		1,265	1,265				
quest8-n8	5,568	5,568		5,568	5,567	1						
questAB-n1	5,525	5,525		5,524	5,523							

7. Sequential 512K, 1 Threads, 4 Outstanding I/O, (0% write / 100% read)

CSV FS	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat
Total	90,761	90,676	86	46,581	46,580	2		
quest8-n2	12,633	12,617	16	6,498	6,497		5.999	6.493
quest8-n3	9,477	9,465	13	4,845	4,845		8.117	4.075
quest8-n4	13,988	13,979	10	7,213	7,213		5.332	4.358
quest8-n5	8,492	8,486	6	4,331	4,331		9.059	5.162
quest8-n6	10,136	10,127	9	5,192	5,192		7.544	6.949
quest8-n7	10,210	10,200	10	5,232	5,232		7.485	6.143
quest8-n8	11,014	11,004	10	5,653	5,653		6.905	2.939
questAB-n1	14,808	14,797	11	7,617	7,617		5.185	3.633

SYS	CPU (%)
Total	171
quest8-n2	23
quest8-n3	21
quest8-n4	23
quest8-n5	21
quest8-n6	21
quest8-n7	22
quest8-n8	21
questAB-n1	19

SSB Cache	Hit/Sec	Miss/Sec	Remap/Sec	Cache (MB/s)	Read	Write	Destage (MB/s)	Update (MB/s)
Total	264,853			1	1	3,430	7	
quest8-n2	34,302			1	1	198	1	
quest8-n3	31,259			1	1	1	1	
quest8-n4	32,190			1	1	199	1	
quest8-n5	33,466			1	1	224	1	
quest8-n6	33,483			1	1	178	1	
quest8-n7	32,639			1	1	210	1	
quest8-n8	34,182			1	1	238	1	
questAB-n1	33,142			1	1	203	1	

SBL	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat
Total	266,817	266,542	275	46,594	46,589	5		
quest8-n2	37,237	37,183	54	6,502	6,501	1	3.611	2.992
quest8-n3	27,764	27,720	43	4,848	4,847	1	4.273	1.932
quest8-n4	41,310	41,277	32	7,217	7,216	1	3.201	2.581
quest8-n5	24,806	24,786	19	4,328	4,328		4.793	2.011
quest8-n6	29,742	29,714	28	5,194	5,193		4.270	3.368
quest8-n7	29,954	29,925	30	5,230	5,229		4.217	2.329
quest8-n8	32,374	32,343	31	5,655	5,654	1	4.028	1.356
questAB-n1	43,630	43,594	36	7,621	7,621		3.160	1.503

S2D BW	CSV(MB/s)	CSVRead	CSVWrite	SBL(MB/s)	SBLRead	SBLWrite	Disk(MB/s)	DiskRead	DiskWrite	Cache(MB/s)	CacheRead	CacheWrite
Total	46,581	46,580	2	46,594	46,589	5	2,863	2,859	4	2,863	2,859	4
quest8-n2	6,498	6,497		6,502	6,501	1	1	1	1	1	1	1
quest8-n3	4,845	4,845		4,848	4,847	1	1	1	1	1	1	1
quest8-n4	7,213	7,213		7,217	7,216	1	1,380	1,379	1	1,380	1,379	1
quest8-n5	4,331	4,331		4,328	4,328		1	1	1	1	1	1
quest8-n6	5,192	5,192		5,194	5,193							
quest8-n7	5,232	5,232		5,230	5,229							
quest8-n8	5,653	5,653		5,655	5,654	1						
questAB-n1	7,617	7,617		7,621	7,621	1	1,480	1,479	1	1,480	1,479	1

12. Sequential 512K, 1 Threads, 8 Outstanding I/O, (100% write / 0% read)

CSV FS	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat				
Total	8,573	7,140	14,399	8,573	6	8,567						
quest8-n2	2,993	397	2,596	1,358		1,357	0.004	55.788				
quest8-n3	2,201		2,201	1,151		1,151	0.000	66.340				
quest8-n4	2,506		2,110	1,104		1,103	0.004	68.885				
quest8-n5	1,978		1,978	1,033		1,033	0.000	72.421				
quest8-n6	2,081	397	1,684	879		879	0.004	87.510				
quest8-n7	2,706	394	2,312	1,208		1,208	0.004	64.085				
quest8-n8	7,662	5,555	2,107	1,104	5	1,100	0.002	70.473				
questAB-n1	1,411		1,411	736		736	0.000	76.616				

SYS	CPU (%)											
Total	129											
quest8-n2	18											
quest8-n3	17											
quest8-n4	17											
quest8-n5	16											
quest8-n6	16											
quest8-n7	17											
quest8-n8	19											
questAB-n1	9											

SSB Cache	Hit/Sec	Miss/Sec	Remap/Sec	Cache (MB/s)	Read	Write	Destage (MB/s)	Update (MB/s)				
Total				4,987		4,987	3,233	313				
quest8-n2				1,005		1,005	1,134	48				
quest8-n3				869		869	44	46				
quest8-n4							1,039	43				
quest8-n5								42				
quest8-n6				953		953		43				
quest8-n7				1,261		1,261	1,060					
quest8-n8				899		899		47				
questAB-n1												

SBL	IOPS	Reads	Writes	BW (MB/s)	Read	Write	Read Lat (ms)	Write Lat				
Total	147,276		147,276	1,408		1,408						
quest8-n2	23,287		23,287				0.000	13.116				
quest8-n3	19,821		19,821	1,340		1,340	0.000	13.028				
quest8-n4	18,950		18,950				0.000	13.894				
quest8-n5	17,816		17,816				0.000	14.989				
quest8-n6	15,076		15,076				0.000	18.086				
quest8-n7	20,750		20,750				0.000	14.068				
quest8-n8	18,920		18,920				0.000	15.965				
questAB-n1	12,656		12,656	68		68	0.000	14.679				

S2D BW	CSV(MB/s)	CSVRead	CSVWrite	SBL(MB/s)	SBLRead	SBLWrite	Disk(MB/s)	DiskRead	Diskwrite	Cache(MB/s)	CacheRead	CacheWrite
Total	8,573	6	8,567	1,408		1,408	4,987		4,987	4,987		4,987
quest8-n2	1,358		1,357				1,005		1,005	1,005		1,005
quest8-n3	1,151		1,151	1,340	1,340		869		869	869		869
quest8-n4	1,104		1,103				1,005		1,005	1,005		1,005
quest8-n5	1,033		1,033				869		869	869		869
quest8-n6	879		879									
quest8-n7	1,208		1,208				953		953	953		953
quest8-n8	1,104	5	1,100				1,261		1,261	1,261		1,261
questAB-n1	736		736	68	68		899		899	899		899