

Your performance WILL vary

Worker count = 1

5/17/2013

Note: High IO rates/transfers at 100% seq, 100% read may be locality of reference of drive level cache

Seagate SAVIO 10K 300GB 2.5" SAS 3G RAW (Non-filesystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size for test	Test Step	Workload Pattern of test	Total Run Time Sec (with pauses)	Work Test Time Sec	Total Reads (IOPS)	(IOPS x Iosize) Total Read KB	Avg Read Resp ms	Total Writes (IOPS)	(Iosize x Writes) Total Write KB	Avg Write Resp ms	Total IOPs (R+W)	Total KB (R+W) data transfer	SAVIO 2.5" 10K Avg. Resp (R+W) ms	SAVIO 10K Avg. IOP Sec (R+W)	SAVIO 2.5" 10K Bandwidth KB Sec (R+W)
4KB	1	100% Seq 100% Read	480	300	8,072,528	32,290,112.0	0.0	-	-	-	8,072,528	32,290,112.0	0.0	26,908	107,633
4KB	2	60% Seq 100% Read	480	300	105,486	421,944.0	2.8	-	-	-	105,486	421,944.0	2.8	351	1,406
4KB	3	30% Seq 100% Read	480	300	61,079	244,316.0	4.9	-	-	-	61,079	244,316.0	4.9	203	814
4KB	4	0% Seq 100% Read	480	300	43,000	172,000.0	7.0	-	-	-	43,000	172,000.0	7.0	143	573
4KB	5	100% Seq 60% Read	480	300	1,769,138	7,076,552.0	0.0	1,176,769	4,707,076.0	0.2	2,945,907	11,783,628.0	0.1	9,819	39,278
4KB	6	60% Seq 60% Read	480	300	65,722	262,888.0	4.4	44,108	176,432.0	0.2	109,830	439,320.0	2.7	366	1,464
4KB	7	30% Seq 60% Read	480	300	39,712	158,848.0	7.4	26,396	105,584.0	0.3	66,108	264,432.0	4.5	220	881
4KB	8	0% Seq 60% Read	480	300	27,981	111,924.0	10.5	18,419	73,676.0	0.3	46,400	185,600.0	6.5	154	618
4KB	9	100% Seq 30% Read	480	300	676,324	2,705,296.0	0.0	1,579,019	6,316,076.0	0.2	2,255,343	9,021,372.0	0.1	7,517	30,071
4KB	10	60% Seq 30% Read	480	300	40,175	160,700.0	6.9	92,970	371,880.0	0.2	133,145	532,580.0	2.3	443	1,775
4KB	11	30% Seq 30% Read	480	300	23,766	95,064.0	12.0	55,295	221,180.0	0.3	79,061	316,244.0	3.8	263	1,054
4KB	12	0% Seq 30% Read	480	300	17,181	68,724.0	16.8	40,122	160,488.0	0.3	57,303	229,212.0	5.2	191	764
4KB	13	100% Seq 0% Read	480	300	-	-	-	1,684,744	6,738,976.0	0.2	1,684,744	6,738,976.0	0.2	5,615	22,463
4KB	14	60% Seq 0% Read	480	300	-	-	-	236,988	947,952.0	1.3	236,988	947,952.0	1.3	789	3,159
4KB	15	30% Seq 0% Read	480	300	-	-	-	126,882	507,528.0	2.4	126,882	507,528.0	2.4	422	1,691
4KB	16	0% Seq 0% Read	480	300	-	-	-	89,867	359,468.0	3.3	89,867	359,468.0	3.3	299	1,198

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8KB	18	100% Seq 100% Read	480	300	4,132,768	33,062,144.0	0.1	-	-	-	4,132,768	33,062,144.0	0.1	13,775	110,207
8KB	19	60% Seq 100% Read	480	300	103,561	828,488.0	2.9	-	-	-	103,561	828,488.0	2.9	345	2,761
8KB	20	30% Seq 100% Read	480	300	60,389	483,112.0	5.0	-	-	-	60,389	483,112.0	5.0	201	1,610
8KB	21	0% Seq 100% Read	480	300	42,446	339,568.0	7.1	-	-	-	42,446	339,568.0	7.1	141	1,131
8KB	22	100% Seq 60% Read	480	300	1,092,166	8,737,328.0	0.1	730,325	5,842,600.0	0.2	1,822,491	14,579,928.0	0.2	6,074	48,599
8KB	23	60% Seq 60% Read	480	300	63,612	508,896.0	4.5	42,708	341,664.0	0.3	106,320	850,560.0	2.8	354	2,835
8KB	24	30% Seq 60% Read	480	300	38,630	309,040.0	7.6	25,874	206,992.0	0.3	64,504	516,032.0	4.7	215	1,720
8KB	25	0% Seq 60% Read	480	300	27,733	221,864.0	10.6	18,351	146,808.0	0.3	46,084	368,672.0	6.5	153	1,228
8KB	26	100% Seq 30% Read	480	300	532,205	4,257,640.0	0.0	1,239,012	9,912,096.0	0.2	1,771,217	14,169,736.0	0.2	5,904	47,232
8KB	27	60% Seq 30% Read	480	300	38,500	308,000.0	7.2	90,463	723,704.0	0.3	128,963	1,031,704.0	2.3	429	3,439
8KB	28	30% Seq 30% Read	480	300	23,231	185,848.0	12.3	54,818	438,544.0	0.3	78,049	624,392.0	3.8	260	2,081
8KB	29	0% Seq 30% Read	480	300	16,968	135,744.0	17.0	39,737	317,896.0	0.3	56,705	453,640.0	5.3	189	1,512
8KB	30	100% Seq 0% Read	480	300	-	-	-	1,367,408	10,939,264.0	0.2	1,367,408	10,939,264.0	0.2	4,558	36,464
8KB	31	60% Seq 0% Read	480	300	-	-	-	216,208	1,729,664.0	1.4	216,208	1,729,664.0	1.4	720	5,765
8KB	32	30% Seq 0% Read	480	300	-	-	-	122,632	981,056.0	2.4	122,632	981,056.0	2.4	408	3,270
8KB	33	0% Seq 0% Read	480	300	-	-	-	86,266	690,128.0	3.5	86,266	690,128.0	3.5	287	2,300

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Seagate SAVIO 10K 300GB 2.5" SAS 3G RAW (Non-filessystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size for test	Test Step	Workload Pattern of test	Total Run Time Sec (with pauses)	Work Test Time Sec	Total Reads (IOPS)	(IOPS x Iosize) Total Read KB	Avg Read Resp ms	Total Writes (IOPS)	(Iosize x Writes) Total Write KB	Avg Write Resp ms	Total IOPs (R+W)	Total KB (R+W) data transfer	SAVIO 2.5" 10K Avg. Resp (R+W) ms	SAVIO 10K Avg. IOP Sec (R+W)	SAVIO 2.5" 10K Bandwidth KB Sec (R+W)
16KB	35	100% Seq 100% Read	480	300	2,085,304	33,364,864.0	0.1	-	-	-	2,085,304	33,364,864.0	0.1	6,951	111,216
16KB	36	60% Seq 100% Read	480	300	100,444	1,607,104.0	3.0	-	-	-	100,444	1,607,104.0	3.0	334	5,357
16KB	37	30% Seq 100% Read	480	300	59,475	951,600.0	5.0	-	-	-	59,475	951,600.0	5.0	198	3,172
16KB	38	0% Seq 100% Read	480	300	42,127	674,032.0	7.1	-	-	-	42,127	674,032.0	7.1	140	2,246
16KB	39	100% Seq 60% Read	480	300	629,636	10,074,176.0	0.3	420,638	6,730,208.0	0.3	1,050,274	16,804,384.0	0.3	3,500	56,014
16KB	40	60% Seq 60% Read	480	300	59,311	948,976.0	4.9	39,692	635,072.0	0.3	99,003	1,584,048.0	3.0	330	5,280
16KB	41	30% Seq 60% Read	480	300	37,955	607,280.0	7.7	25,441	407,056.0	0.3	63,396	1,014,336.0	4.7	211	3,381
16KB	42	0% Seq 60% Read	480	300	27,324	437,184.0	10.8	17,967	287,472.0	0.3	45,291	724,656.0	6.6	150	2,415
16KB	43	100% Seq 30% Read	480	300	352,660	5,642,560.0	0.2	823,879	13,182,064.0	0.3	1,176,539	18,824,624.0	0.3	3,921	62,748
16KB	44	60% Seq 30% Read	480	300	36,868	589,888.0	7.5	85,633	1,370,128.0	0.3	122,501	1,960,016.0	2.4	408	6,533
16KB	45	30% Seq 30% Read	480	300	22,249	355,984.0	12.8	52,708	843,328.0	0.3	74,957	1,199,312.0	4.0	249	3,997
16KB	46	0% Seq 30% Read	480	300	16,480	263,680.0	17.5	38,766	620,256.0	0.3	55,246	883,936.0	5.4	184	2,946
16KB	47	100% Seq 0% Read	480	300	-	-	-	1,129,393	18,070,288.0	0.3	1,129,393	18,070,288.0	0.3	3,764	60,234
16KB	48	60% Seq 0% Read	480	300	-	-	-	198,379	3,174,064.0	1.5	198,379	3,174,064.0	1.5	661	10,580
16KB	49	30% Seq 0% Read	480	300	-	-	-	117,912	1,886,592.0	2.5	117,912	1,886,592.0	2.5	393	6,288
16KB	50	0% Seq 0% Read	480	300	-	-	-	85,197	1,363,152.0	3.5	85,197	1,363,152.0	3.5	283	4,543

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IO Size for test	Test Step	Workload Pattern of test	Total Run Time Sec (with pauses)	Work Test Time Sec	Total Reads (IOPS)	(IOPS x Iosize) Total Read KB	Avg Read Resp ms	Total Writes (IOPS)	(Iosize x Writes) Total Write KB	Avg Write Resp ms	Total IOPs (R+W)	Total KB (R+W) data transfer	SAVIO 2.5" 10K Avg. Resp (R+W) ms	SAVIO 10K Avg. IOP Sec (R+W)	SAVIO 2.5" 10K Bandwidth KB Sec (R+W)
32KB	52	100% Seq 100% Read	480	300	1,043,584	33,394,688.0	0.3	-	-	-	1,043,584	33,394,688.0	0.3	3,478	111,315
32KB	53	60% Seq 100% Read	480	300	94,021	3,008,672.0	3.2	-	-	-	94,021	3,008,672.0	3.2	313	10,028
32KB	54	30% Seq 100% Read	480	300	57,530	1,840,960.0	5.2	-	-	-	57,530	1,840,960.0	5.2	191	6,136
32KB	55	0% Seq 100% Read	480	300	41,323	1,322,336.0	7.3	-	-	-	41,323	1,322,336.0	7.3	137	4,407
32KB	56	100% Seq 60% Read	480	300	352,171	11,269,472.0	0.6	234,327	7,498,464.0	0.3	586,498	18,767,936.0	0.5	1,954	62,559
32KB	57	60% Seq 60% Read	480	300	53,752	1,720,064.0	5.4	35,857	1,147,424.0	0.3	89,609	2,867,488.0	3.3	298	9,558
32KB	58	30% Seq 60% Read	480	300	35,220	1,127,040.0	8.3	23,458	750,656.0	0.3	58,678	1,877,696.0	5.1	195	6,258
32KB	59	0% Seq 60% Read	480	300	26,501	848,032.0	11.1	17,571	562,272.0	0.3	44,072	1,410,304.0	6.8	146	4,701
32KB	60	100% Seq 30% Read	480	300	191,994	6,143,808.0	0.8	445,757	14,264,224.0	0.3	637,751	20,408,032.0	0.5	2,125	68,026
32KB	61	60% Seq 30% Read	480	300	34,006	1,088,192.0	8.0	80,156	2,564,992.0	0.3	114,162	3,653,184.0	2.6	380	12,177
32KB	62	30% Seq 30% Read	480	300	21,428	685,696.0	13.2	50,047	1,601,504.0	0.3	71,475	2,287,200.0	4.2	238	7,624
32KB	63	0% Seq 30% Read	480	300	16,066	514,112.0	17.9	37,539	1,201,248.0	0.3	53,605	1,715,360.0	5.6	178	5,717
32KB	64	100% Seq 0% Read	480	300	-	-	-	929,181	29,733,792.0	0.3	929,181	29,733,792.0	0.3	3,097	99,112
32KB	65	60% Seq 0% Read	480	300	-	-	-	179,305	5,737,760.0	1.7	179,305	5,737,760.0	1.7	597	19,125
32KB	66	30% Seq 0% Read	480	300	-	-	-	111,085	3,554,720.0	2.7	111,085	3,554,720.0	2.7	370	11,849
32KB	67	0% Seq 0% Read	480	300	-	-	-	81,364	2,603,648.0	3.7	81,364	2,603,648.0	3.7	271	8,678

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64KB	69	100% Seq 100% Read	480	300	518,452	33,180,928.0	0.6	-	-	-	518,452	33,180,928.0	0.6	1,728	110,603
64KB	70	60% Seq 100% Read	480	300	81,500	5,216,000.0	3.7	-	-	-	81,500	5,216,000.0	3.7	271	17,386
64KB	71	30% Seq 100% Read	480	300	54,151	3,465,664.0	5.5	-	-	-	54,151	3,465,664.0	5.5	180	11,552
64KB	72	0% Seq 100% Read	480	300	39,794	2,546,816.0	7.5	-	-	-	39,794	2,546,816.0	7.5	132	8,489
64KB	73	100% Seq 60% Read	480	300	202,976	12,990,464.0	1.2	134,167	8,586,688.0	0.4	337,143	21,577,152.0	0.9	1,123	71,923
64KB	74	60% Seq 60% Read	480	300	47,527	3,041,728.0	6.0	31,421	2,010,944.0	0.4	78,948	5,052,672.0	3.8	263	16,842
64KB	75	30% Seq 60% Read	480	300	32,267	2,065,088.0	9.0	21,369	1,367,616.0	0.4	53,636	3,432,704.0	5.6	178	11,442
64KB	76	0% Seq 60% Read	480	300	25,484	1,630,976.0	11.5	16,725	1,070,400.0	0.4	42,209	2,701,376.0	7.1	140	9,004
64KB	77	100% Seq 30% Read	480	300	98,152	6,281,728.0	2.1	229,250	14,672,000.0	0.4	327,402	20,953,728.0	0.9	1,091	69,845
64KB	78	60% Seq 30% Read	480	300	28,918	1,850,752.0	9.3	67,820	4,340,480.0	0.4	96,738	6,191,232.0	3.1	322	20,637
64KB	79	30% Seq 30% Read	480	300	19,570	1,252,480.0	14.3	45,920	2,938,880.0	0.4	65,490	4,191,360.0	4.6	218	13,971
64KB	80	0% Seq 30% Read	480	300	15,268	977,152.0	18.6	35,354	2,262,656.0	0.4	50,622	3,239,808.0	5.9	168	10,799
64KB	81	100% Seq 0% Read	480	300	-	-	-	510,957	32,701,248.0	0.6	510,957	32,701,248.0	0.6	1,703	109,004
64KB	82	60% Seq 0% Read	480	300	-	-	-	146,356	9,366,784.0	2.0	146,356	9,366,784.0	2.0	487	31,222
64KB	83	30% Seq 0% Read	480	300	-	-	-	97,522	6,241,408.0	3.1	97,522	6,241,408.0	3.1	325	20,804
64KB	84	0% Seq 0% Read	480	300	-	-	-	75,254	4,816,256.0	4.0	75,254	4,816,256.0	4.0	250	16,054

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128KB	86	100% Seq 100% Read	480	300	270,812	34,663,936.0	1.1	-	-	-	270,812	34,663,936.0	1.1	902	115,546
128KB	87	60% Seq 100% Read	480	300	64,297	8,230,016.0	4.7	-	-	-	64,297	8,230,016.0	4.7	214	27,433
128KB	88	30% Seq 100% Read	480	300	45,448	5,817,344.0	6.6	-	-	-	45,448	5,817,344.0	6.6	151	19,391
128KB	89	0% Seq 100% Read	480	300	35,678	4,566,784.0	8.4	-	-	-	35,678	4,566,784.0	8.4	118	15,222
128KB	90	100% Seq 60% Read	480	300	96,310	12,327,680.0	2.7	64,100	8,204,800.0	0.6	160,410	20,532,480.0	1.9	534	68,441
128KB	91	60% Seq 60% Read	480	300	30,440	3,896,320.0	9.4	20,568	2,632,704.0	0.6	51,008	6,529,024.0	5.9	170	21,763
128KB	92	30% Seq 60% Read	480	300	21,973	2,812,544.0	13.2	14,491	1,854,848.0	0.6	36,464	4,667,392.0	8.2	121	15,557
128KB	93	0% Seq 60% Read	480	300	17,740	2,270,720.0	16.5	11,953	1,529,984.0	0.6	29,693	3,800,704.0	10.1	98	12,669
128KB	94	100% Seq 30% Read	480	300	49,719	6,364,032.0	4.6	115,231	14,749,568.0	0.6	164,950	21,113,600.0	1.8	549	70,378
128KB	95	60% Seq 30% Read	480	300	12,128	1,552,384.0	23.3	28,523	3,650,944.0	0.6	40,651	5,203,328.0	7.4	135	17,344
128KB	96	30% Seq 30% Read	480	300	8,223	1,052,544.0	35.0	19,171	2,453,888.0	0.6	27,394	3,506,432.0	11.0	91	11,688
128KB	97	0% Seq 30% Read	480	300	6,998	895,744.0	41.4	15,872	2,031,616.0	0.6	22,870	2,927,360.0	13.1	76	9,757
128KB	98	100% Seq 0% Read	480	300	-	-	-	252,390	32,305,920.0	1.2	252,390	32,305,920.0	1.2	841	107,686
128KB	99	60% Seq 0% Read	480	300	-	-	-	36,257	4,640,896.0	8.3	36,257	4,640,896.0	8.3	120	15,469
128KB	100	30% Seq 0% Read	480	300	-	-	-	24,549	3,142,272.0	12.2	24,549	3,142,272.0	12.2	81	10,474
128KB	101	0% Seq 0% Read	480	300	-	-	-	19,524	2,499,072.0	15.4	19,524	2,499,072.0	15.4	65	8,330

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Seagate SAVIO 10K 300GB 2.5" SAS 3G RAW (Non-filessystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size for test	Test Step	Workload Pattern of test	Total Run Time Sec (with pauses)	Work Test Time Sec	Total Reads (IOPS)	(IOPS x Iosize) Total Read KB	Avg Read Resp ms	Total Writes (IOPS)	(Iosize x Writes) Total Write KB	Avg Write Resp ms	Total IOPs (R+W)	Total KB (R+W) data transfer	SAVIO 2.5" 10K Avg. Resp (R+W) ms	SAVIO 10K Avg. IOP Sec (R+W)	SAVIO 2.5" 10K Bandwidth KB Sec (R+W)
256KB	103	100% Seq 100% Read	480	300	129,176	33,069,056.0	2.3	-	-	-	129,176	33,069,056.0	2.3	430	110,230
256KB	104	60% Seq 100% Read	480	300	44,797	11,468,032.0	6.7	-	-	-	44,797	11,468,032.0	6.7	149	38,226
256KB	105	30% Seq 100% Read	480	300	34,306	8,782,336.0	8.7	-	-	-	34,306	8,782,336.0	8.7	114	29,274
256KB	106	0% Seq 100% Read	480	300	28,650	7,334,400.0	10.5	-	-	-	28,650	7,334,400.0	10.5	95	24,448
256KB	107	100% Seq 60% Read	480	300	51,125	13,088,000.0	5.2	34,209	8,757,504.0	1.0	85,334	21,845,504.0	3.5	284	72,818
256KB	108	60% Seq 60% Read	480	300	21,936	5,615,616.0	13.0	14,884	3,810,304.0	1.0	36,820	9,425,920.0	8.1	122	31,419
256KB	109	30% Seq 60% Read	480	300	15,513	3,971,328.0	18.7	10,301	2,637,056.0	1.0	25,814	6,608,384.0	11.6	86	22,027
256KB	110	0% Seq 60% Read	480	300	12,634	3,234,304.0	23.1	8,540	2,186,240.0	1.0	21,174	5,420,544.0	14.2	70	18,068
256KB	111	100% Seq 30% Read	480	300	24,470	6,264,320.0	10.0	56,530	14,471,680.0	1.0	81,000	20,736,000.0	3.7	270	69,120
256KB	112	60% Seq 30% Read	480	300	9,482	2,427,392.0	29.3	22,482	5,755,392.0	1.0	31,964	8,182,784.0	9.4	106	27,275
256KB	113	30% Seq 30% Read	480	300	6,681	1,710,336.0	42.6	15,314	3,920,384.0	1.0	21,995	5,630,720.0	13.6	73	18,769
256KB	114	0% Seq 30% Read	480	300	5,632	1,441,792.0	50.9	13,193	3,377,408.0	1.0	18,825	4,819,200.0	15.9	62	16,064
256KB	115	100% Seq 0% Read	480	300	-	-	-	131,570	33,681,920.0	2.3	131,570	33,681,920.0	2.3	438	112,273
256KB	116	60% Seq 0% Read	480	300	-	-	-	33,419	8,555,264.0	9.0	33,419	8,555,264.0	9.0	111	28,517
256KB	117	30% Seq 0% Read	480	300	-	-	-	21,050	5,388,800.0	14.1	21,050	5,388,800.0	14.1	70	17,962
256KB	118	0% Seq 0% Read	480	300	-	-	-	18,215	4,663,040.0	16.5	18,215	4,663,040.0	16.5	60	15,543

Your performance WILL vary

Worker count = 1

5/17/2013

Note: High IO rates/transfers at 100% seq, 100% read may be locality of reference of drive level cache

Seagate SAVIO 10K 300GB 2.5" SAS 3G RAW (Non-filessystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size for test	Test Step	Workload Pattern of test	Total Run Time Sec (with pauses)	Work Test Time Sec	Total Reads (IOPS)	(IOPS x Iosize) Total Read KB	Avg Read Resp ms	Total Writes (IOPS)	(Iosize x Writes) Total Write KB	Avg Write Resp ms	Total IOPs (R+W)	Total KB (R+W) data transfer	SAVIO 2.5" 10K Avg. Resp (R+W) ms	SAVIO 10K Avg. IOP Sec (R+W)	SAVIO 2.5" 10K Bandwidth KB Sec (R+W)
512KB	120	100% Seq 100% Read	480	300	56,615	28,986,880.0	5.3	-	-	-	56,615	28,986,880.0	5.3	188	96,622
512KB	121	60% Seq 100% Read	480	300	30,359	15,543,808.0	9.9	-	-	-	30,359	15,543,808.0	9.9	101	51,812
512KB	122	30% Seq 100% Read	480	300	26,779	13,710,848.0	11.2	-	-	-	26,779	13,710,848.0	11.2	89	45,702
512KB	123	0% Seq 100% Read	480	300	23,499	12,031,488.0	12.8	-	-	-	23,499	12,031,488.0	12.8	78	40,104
512KB	124	100% Seq 60% Read	480	300	25,893	13,257,216.0	10.4	17,344	8,880,128.0	1.7	43,237	22,137,344.0	6.9	144	73,791
512KB	125	60% Seq 60% Read	480	300	16,555	8,476,160.0	16.9	11,107	5,686,784.0	1.7	27,662	14,162,944.0	10.8	92	47,209
512KB	126	30% Seq 60% Read	480	300	12,954	6,632,448.0	22.0	8,690	4,449,280.0	1.8	21,644	11,081,728.0	13.9	72	36,939
512KB	127	0% Seq 60% Read	480	300	11,146	5,706,752.0	25.7	7,514	3,847,168.0	1.8	18,660	9,553,920.0	16.1	62	31,846
512KB	128	100% Seq 30% Read	480	300	12,698	6,501,376.0	19.6	29,746	15,229,952.0	1.7	42,444	21,731,328.0	7.1	141	72,437
512KB	129	60% Seq 30% Read	480	300	7,533	3,856,896.0	35.8	17,542	8,981,504.0	1.7	25,075	12,838,400.0	12.0	83	42,794
512KB	130	30% Seq 30% Read	480	300	5,637	2,886,144.0	49.2	13,014	6,663,168.0	1.8	18,651	9,549,312.0	16.1	62	31,831
512KB	131	0% Seq 30% Read	480	300	4,876	2,496,512.0	57.3	11,744	6,012,928.0	1.8	16,620	8,509,440.0	18.1	55	28,364
512KB	132	100% Seq 0% Read	480	300	-	-	-	61,780	31,631,360.0	4.9	61,780	31,631,360.0	4.9	205	105,437
512KB	133	60% Seq 0% Read	480	300	-	-	-	24,812	12,703,744.0	12.1	24,812	12,703,744.0	12.1	82	42,345
512KB	134	30% Seq 0% Read	480	300	-	-	-	17,762	9,094,144.0	16.9	17,762	9,094,144.0	16.9	59	30,313
512KB	135	0% Seq 0% Read	480	300	-	-	-	16,190	8,289,280.0	18.5	16,190	8,289,280.0	18.5	53	27,630

Your performance WILL vary

Worker count = 1

5/17/2013

Note: High IO rates/transfers at 100% seq, 100% read may be locality of reference of drive level cache

Seagate SAVIO 10K 300GB 2.5" SAS 3G RAW (Non-filesystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size for test	Test Step	Workload Pattern of test	Total Run Time Sec (with pauses)	Work Test Time Sec	Total Reads (IOPS)	(IOPS x Iosize) Total Read KB	Avg Read Resp ms	Total Writes (IOPS)	(Iosize x Writes) Total Write KB	Avg Write Resp ms	Total IOPs (R+W)	Total KB (R+W) data transfer	SAVIO 2.5" 10K Avg. Resp (R+W) ms	SAVIO 10K Avg. IOP Sec (R+W)	SAVIO 2.5" 10K Bandwidth KB Sec (R+W)
1024KB	137	100% Seq 100% Read	480	300	34,680	35,512,320.0	8.7	-	-	-	34,680	35,512,320.0	8.7	115	118,374
1024KB	138	60% Seq 100% Read	480	300	21,013	21,517,312.0	14.3	-	-	-	21,013	21,517,312.0	14.3	70	71,724
1024KB	139	30% Seq 100% Read	480	300	18,794	19,245,056.0	16.0	-	-	-	18,794	19,245,056.0	16.0	62	64,150
1024KB	140	0% Seq 100% Read	480	300	17,510	17,930,240.0	17.1	-	-	-	17,510	17,930,240.0	17.1	58	59,767
1024KB	141	100% Seq 60% Read	480	300	15,222	15,587,328.0	17.6	10,182	10,426,368.0	3.2	25,404	26,013,696.0	11.8	84	86,712
1024KB	142	60% Seq 60% Read	480	300	10,346	10,594,304.0	26.8	6,967	7,134,208.0	3.2	17,313	17,728,512.0	17.3	57	59,095
1024KB	143	30% Seq 60% Read	480	300	9,104	9,322,496.0	30.8	6,006	6,150,144.0	3.2	15,110	15,472,640.0	19.9	50	51,575
1024KB	144	0% Seq 60% Read	480	300	8,537	8,741,888.0	33.0	5,703	5,839,872.0	3.2	14,240	14,581,760.0	21.1	47	48,605
1024KB	145	100% Seq 30% Read	480	300	7,719	7,904,256.0	31.6	17,916	18,345,984.0	3.1	25,635	26,250,240.0	11.7	85	87,500
1024KB	146	60% Seq 30% Read	480	300	4,995	5,114,880.0	52.7	11,488	11,763,712.0	3.2	16,483	16,878,592.0	18.2	54	56,261
1024KB	147	30% Seq 30% Read	480	300	4,153	4,252,672.0	64.6	9,900	10,137,600.0	3.2	14,053	14,390,272.0	21.3	46	47,967
1024KB	148	0% Seq 30% Read	480	300	3,976	4,071,424.0	68.1	9,106	9,324,544.0	3.2	13,082	13,395,968.0	22.9	43	44,653
1024KB	149	100% Seq 0% Read	480	300	-	-	-	33,026	33,818,624.0	9.1	33,026	33,818,624.0	9.1	110	112,728
1024KB	150	60% Seq 0% Read	480	300	-	-	-	17,955	18,385,920.0	16.7	17,955	18,385,920.0	16.7	59	61,286
1024KB	151	30% Seq 0% Read	480	300	-	-	-	13,825	14,156,800.0	21.7	13,825	14,156,800.0	21.7	46	47,189
1024KB	152	0% Seq 0% Read	480	300	-	-	-	12,725	13,030,400.0	23.6	12,725	13,030,400.0	23.6	42	43,434

Your performance WILL vary

Worker count = 1

5/17/2013

Note: High IO rates/transfers at 100% seq, 100% read may be locality of reference of drive level cache

Seagate SAVIO 10K 300GB 2.5" SAS 3G RAW (Non-filesystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size for test	Test Step	Workload Pattern of test	Total Run Time Sec (with pauses)	Work Test Time Sec	Total Reads (IOPS)	(IOPS x Iosize) Total Read KB	Avg Read Resp ms	Total Writes (IOPS)	(Iosize x Writes) Total Write KB	Avg Write Resp ms	Total IOPS (R+W)	Total KB (R+W) data transfer	SAVIO 2.5" 10K Avg. Resp (R+W) ms	SAVIO 10K Avg. IOP Sec (R+W)	SAVIO 2.5" 10K Bandwidth KB Sec (R+W)
2048KB	154	100% Seq 100% Read	480	300	16,047	32,864,256.0	18.7	-	-	-	16,047	32,864,256.0	18.7	53	109,547
2048KB	155	60% Seq 100% Read	480	300	12,443	25,483,264.0	24.1	-	-	-	12,443	25,483,264.0	24.1	41	84,944
2048KB	156	30% Seq 100% Read	480	300	11,243	23,025,664.0	26.7	-	-	-	11,243	23,025,664.0	26.7	37	76,752
2048KB	157	0% Seq 100% Read	480	300	11,442	23,433,216.0	26.2	-	-	-	11,442	23,433,216.0	26.2	38	78,110
2048KB	158	100% Seq 60% Read	480	300	7,693	15,755,264.0	34.7	5,195	10,639,360.0	6.3	12,888	26,394,624.0	23.3	42	87,982
2048KB	159	60% Seq 60% Read	480	300	6,800	13,926,400.0	39.9	4,596	9,412,608.0	6.2	11,396	23,339,008.0	26.3	37	77,796
2048KB	160	30% Seq 60% Read	480	300	5,802	11,882,496.0	47.5	3,921	8,030,208.0	6.2	9,723	19,912,704.0	30.9	32	66,375
2048KB	161	0% Seq 60% Read	480	300	5,686	11,644,928.0	48.5	3,850	7,884,800.0	6.2	9,536	19,529,728.0	31.5	31	65,099
2048KB	162	100% Seq 30% Read	480	300	4,227	8,656,896.0	56.3	10,041	20,563,968.0	6.2	14,268	29,220,864.0	21.0	47	97,402
2048KB	163	60% Seq 30% Read	480	300	2,912	5,963,776.0	88.0	7,093	14,526,464.0	6.1	10,005	20,490,240.0	30.0	33	68,300
2048KB	164	30% Seq 30% Read	480	300	2,582	5,287,936.0	100.4	6,116	12,525,568.0	6.7	8,698	17,813,504.0	34.5	28	59,378
2048KB	165	0% Seq 30% Read	480	300	2,505	5,130,240.0	104.9	5,980	12,247,040.0	6.2	8,485	17,377,280.0	35.4	28	57,924
2048KB	166	100% Seq 0% Read	480	300	-	-	-	14,959	30,636,032.0	20.1	14,959	30,636,032.0	20.1	49	102,120
2048KB	167	60% Seq 0% Read	480	300	-	-	-	8,995	18,421,760.0	33.3	8,995	18,421,760.0	33.3	29	61,405
2048KB	168	30% Seq 0% Read	480	300	-	-	-	8,741	17,901,568.0	34.3	8,741	17,901,568.0	34.3	29	59,671
2048KB	169	0% Seq 0% Read	480	300	-	-	-	8,248	16,891,904.0	36.4	8,248	16,891,904.0	36.4	27	56,306