

Your performance WILL vary

Worker count = 1

11/14/2013

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

Seagate Enterprise Enhanced 15K 600GB 2.5" 6Gb SAS RAW (Non-filesystem)

Seagate Ent. Enhanced 15K

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	STX Ent. Enhanced 15K Resp (R+W) ms	STX Ent. Enhanced 15K Avg. IOP Sec (R+W)	STX Ent. Enhanced 15K Bandwidth KB Sec (R+W)
4KB	1	100% Seq 100% Read	480	300	16,151,872	64,607,488.0	0.0	-	-	-	16,151,872	64,607,488.0	0.0	53,839	215,358
4KB	2	60% Seq 100% Read	480	300	144,131	576,524.0	2.1	-	-	-	144,131	576,524.0	2.1	480	1,921
4KB	3	30% Seq 100% Read	480	300	83,596	334,384.0	3.6	-	-	-	83,596	334,384.0	3.6	278	1,114
4KB	4	0% Seq 100% Read	480	300	58,384	233,536.0	5.1	-	-	-	58,384	233,536.0	5.1	194	778
4KB	5	100% Seq 60% Read	480	300	108,361	433,444.0	0.0	72,502	290,008.0	4.1	180,863	723,452.0	1.7	602	2,411
4KB	6	60% Seq 60% Read	480	300	53,078	212,312.0	2.0	35,317	141,268.0	5.4	88,395	353,580.0	3.4	294	1,178
4KB	7	30% Seq 60% Read	480	300	40,649	162,596.0	3.6	26,916	107,664.0	5.7	67,565	270,260.0	4.4	225	900
4KB	8	0% Seq 60% Read	480	300	33,746	134,984.0	5.1	22,550	90,200.0	5.7	56,296	225,184.0	5.3	187	750
4KB	9	100% Seq 30% Read	480	300	31,208	124,832.0	0.0	73,127	292,508.0	4.1	104,335	417,340.0	2.9	347	1,391
4KB	10	60% Seq 30% Read	480	300	21,395	85,580.0	2.0	49,764	199,056.0	5.2	71,159	284,636.0	4.2	237	948
4KB	11	30% Seq 30% Read	480	300	18,248	72,992.0	3.5	42,961	171,844.0	5.5	61,209	244,836.0	4.9	204	816
4KB	12	0% Seq 30% Read	480	300	16,157	64,628.0	5.0	38,320	153,280.0	5.7	54,477	217,908.0	5.5	181	726
4KB	13	100% Seq 0% Read	480	300	-	-	-	73,930	295,720.0	4.1	73,930	295,720.0	4.1	246	985
4KB	14	60% Seq 0% Read	480	300	-	-	-	61,659	246,636.0	4.9	61,659	246,636.0	4.9	205	822
4KB	15	30% Seq 0% Read	480	300	-	-	-	53,610	214,440.0	5.6	53,610	214,440.0	5.6	178	714
4KB	16	0% Seq 0% Read	480	300	-	-	-	52,879	211,516.0	5.7	52,879	211,516.0	5.7	176	705

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8KB	35	100% Seq 100% Read	480	300	8,328,864	66,630,912.0	0.0	-	-	-	8,328,864	66,630,912.0	0.0	27,762	222,103
8KB	36	60% Seq 100% Read	480	300	142,764	1,142,112.0	2.1	-	-	-	142,764	1,142,112.0	2.1	475	3,807
8KB	37	30% Seq 100% Read	480	300	82,636	661,088.0	3.6	-	-	-	82,636	661,088.0	3.6	275	2,203
8KB	38	0% Seq 100% Read	480	300	57,893	463,144.0	5.2	-	-	-	57,893	463,144.0	5.2	192	1,543
8KB	39	100% Seq 60% Read	480	300	107,537	860,296.0	0.0	71,207	569,656.0	4.2	178,744	1,429,952.0	1.7	595	4,766
8KB	40	60% Seq 60% Read	480	300	53,643	429,144.0	2.1	35,152	281,216.0	5.4	88,795	710,360.0	3.4	295	2,367
8KB	41	30% Seq 60% Read	480	300	40,636	325,088.0	3.6	27,238	217,904.0	5.6	67,874	542,992.0	4.4	226	1,809
8KB	42	0% Seq 60% Read	480	300	33,722	269,776.0	5.1	22,278	178,224.0	5.8	56,000	448,000.0	5.4	186	1,493
8KB	43	100% Seq 30% Read	480	300	31,571	252,568.0	0.0	72,889	583,112.0	4.1	104,460	835,680.0	2.9	348	2,785
8KB	44	60% Seq 30% Read	480	300	21,004	168,032.0	2.0	49,321	394,568.0	5.2	70,325	562,600.0	4.3	234	1,875
8KB	45	30% Seq 30% Read	480	300	17,847	142,776.0	3.6	42,593	340,744.0	5.5	60,440	483,520.0	5.0	201	1,611
8KB	46	0% Seq 30% Read	480	300	16,296	130,368.0	5.1	37,968	303,744.0	5.7	54,264	434,112.0	5.5	180	1,447
8KB	47	100% Seq 0% Read	480	300	-	-	-	73,596	588,768.0	4.1	73,596	588,768.0	4.1	245	1,962
8KB	48	60% Seq 0% Read	480	300	-	-	-	58,009	464,072.0	5.2	58,009	464,072.0	5.2	193	1,546
8KB	49	30% Seq 0% Read	480	300	-	-	-	54,947	439,576.0	5.5	54,947	439,576.0	5.5	183	1,465
8KB	50	0% Seq 0% Read	480	300	-	-	-	52,771	422,168.0	5.7	52,771	422,168.0	5.7	175	1,407

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16KB	52	100% Seq 100% Read	480	300	4,187,963	67,007,408.0	0.1	-	-	-	4,187,963	67,007,408.0	0.1	13,959	223,358
16KB	53	60% Seq 100% Read	480	300	138,246	2,211,936.0	2.2	-	-	-	138,246	2,211,936.0	2.2	460	7,373
16KB	54	30% Seq 100% Read	480	300	81,550	1,304,800.0	3.7	-	-	-	81,550	1,304,800.0	3.7	271	4,349
16KB	55	0% Seq 100% Read	480	300	57,490	919,840.0	5.2	-	-	-	57,490	919,840.0	5.2	191	3,066
16KB	56	100% Seq 60% Read	480	300	102,725	1,643,600.0	0.0	69,071	1,105,136.0	4.3	171,796	2,748,736.0	1.7	572	9,162
16KB	57	60% Seq 60% Read	480	300	52,548	840,768.0	2.0	35,136	562,176.0	5.5	87,684	1,402,944.0	3.4	292	4,676
16KB	58	30% Seq 60% Read	480	300	40,289	644,624.0	3.7	26,570	425,120.0	5.8	66,859	1,069,744.0	4.5	222	3,565
16KB	59	0% Seq 60% Read	480	300	33,248	531,968.0	5.1	22,256	356,096.0	5.8	55,504	888,064.0	5.4	185	2,960
16KB	60	100% Seq 30% Read	480	300	30,253	484,048.0	0.0	71,260	1,140,160.0	4.2	101,513	1,624,208.0	3.0	338	5,414
16KB	61	60% Seq 30% Read	480	300	20,779	332,464.0	2.1	48,488	775,808.0	5.3	69,267	1,108,272.0	4.3	230	3,694
16KB	62	30% Seq 30% Read	480	300	17,722	283,552.0	3.6	41,222	659,552.0	5.7	58,944	943,104.0	5.1	196	3,143
16KB	63	0% Seq 30% Read	480	300	16,253	260,048.0	5.1	37,506	600,096.0	5.8	53,759	860,144.0	5.6	179	2,867
16KB	64	100% Seq 0% Read	480	300	-	-	-	72,386	1,158,176.0	4.1	72,386	1,158,176.0	4.1	241	3,860
16KB	65	60% Seq 0% Read	480	300	-	-	-	57,992	927,872.0	5.2	57,992	927,872.0	5.2	193	3,092
16KB	66	30% Seq 0% Read	480	300	-	-	-	53,329	853,264.0	5.6	53,329	853,264.0	5.6	177	2,844
16KB	67	0% Seq 0% Read	480	300	-	-	-	52,124	833,984.0	5.8	52,124	833,984.0	5.8	173	2,779

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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	STX Ent. Enhanced 15K Resp (R+W) ms	STX Ent. Enhanced 15K Avg. IOP Sec (R+W)	STX Ent. Enhanced 15K Bandwidth KB Sec (R+W)
32KB	69	100% Seq 100% Read	480	300	2,120,476	67,855,232.0	0.1	-	-	-	2,120,476	67,855,232.0	0.1	7,068	226,184
32KB	70	60% Seq 100% Read	480	300	131,187	4,197,984.0	2.3	-	-	-	131,187	4,197,984.0	2.3	437	13,993
32KB	71	30% Seq 100% Read	480	300	79,269	2,536,608.0	3.8	-	-	-	79,269	2,536,608.0	3.8	264	8,455
32KB	72	0% Seq 100% Read	480	300	56,539	1,809,248.0	5.3	-	-	-	56,539	1,809,248.0	5.3	188	6,030
32KB	73	100% Seq 60% Read	480	300	97,389	3,116,448.0	0.1	64,864	2,075,648.0	4.5	162,253	5,192,096.0	1.9	540	17,306
32KB	74	60% Seq 60% Read	480	300	50,034	1,601,088.0	2.2	33,297	1,065,504.0	5.8	83,331	2,666,592.0	3.6	277	8,888
32KB	75	30% Seq 60% Read	480	300	39,433	1,261,856.0	3.7	26,312	841,984.0	5.9	65,745	2,103,840.0	4.6	219	7,012
32KB	76	0% Seq 60% Read	480	300	32,616	1,043,712.0	5.2	21,912	701,184.0	5.9	54,528	1,744,896.0	5.5	181	5,816
32KB	77	100% Seq 30% Read	480	300	29,184	933,888.0	0.0	69,153	2,212,896.0	4.3	98,337	3,146,784.0	3.1	327	10,489
32KB	78	60% Seq 30% Read	480	300	20,450	654,400.0	2.1	47,753	1,528,096.0	5.4	68,203	2,182,496.0	4.4	227	7,274
32KB	79	30% Seq 30% Read	480	300	17,296	553,472.0	3.7	40,905	1,308,960.0	5.8	58,201	1,862,432.0	5.2	194	6,208
32KB	80	0% Seq 30% Read	480	300	15,943	510,176.0	5.2	36,748	1,175,936.0	5.9	52,691	1,686,112.0	5.7	175	5,620
32KB	81	100% Seq 0% Read	480	300	-	-	-	69,943	2,238,176.0	4.3	69,943	2,238,176.0	4.3	233	7,460
32KB	82	60% Seq 0% Read	480	300	-	-	-	56,387	1,804,384.0	5.3	56,387	1,804,384.0	5.3	187	6,014
32KB	83	30% Seq 0% Read	480	300	-	-	-	51,818	1,658,176.0	5.8	51,818	1,658,176.0	5.8	172	5,527
32KB	84	0% Seq 0% Read	480	300	-	-	-	51,014	1,632,448.0	5.9	51,014	1,632,448.0	5.9	170	5,441

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64KB	86	100% Seq 100% Read	480	300	1,052,402	67,353,728.0	0.3	-	-	-	1,052,402	67,353,728.0	0.3	3,508	224,512
64KB	87	60% Seq 100% Read	480	300	120,145	7,689,280.0	2.5	-	-	-	120,145	7,689,280.0	2.5	400	25,630
64KB	88	30% Seq 100% Read	480	300	75,766	4,849,024.0	4.0	-	-	-	75,766	4,849,024.0	4.0	252	16,163
64KB	89	0% Seq 100% Read	480	300	55,301	3,539,264.0	5.4	-	-	-	55,301	3,539,264.0	5.4	184	11,797
64KB	90	100% Seq 60% Read	480	300	87,267	5,585,088.0	0.2	58,883	3,768,512.0	4.8	146,150	9,353,600.0	2.1	487	31,178
64KB	91	60% Seq 60% Read	480	300	46,364	2,967,296.0	2.3	30,621	1,959,744.0	6.2	76,985	4,927,040.0	3.9	256	16,423
64KB	92	30% Seq 60% Read	480	300	38,083	2,437,312.0	3.8	25,359	1,622,976.0	6.1	63,442	4,060,288.0	4.7	211	13,534
64KB	93	0% Seq 60% Read	480	300	31,681	2,027,584.0	5.4	20,996	1,343,744.0	6.2	52,677	3,371,328.0	5.7	175	11,237
64KB	94	100% Seq 30% Read	480	300	27,865	1,783,360.0	0.1	64,923	4,155,072.0	4.6	92,788	5,938,432.0	3.2	309	19,794
64KB	95	60% Seq 30% Read	480	300	19,306	1,235,584.0	2.2	45,252	2,896,128.0	5.7	64,558	4,131,712.0	4.6	215	13,772
64KB	96	30% Seq 30% Read	480	300	16,341	1,045,824.0	3.8	38,850	2,486,400.0	6.1	55,191	3,532,224.0	5.4	183	11,774
64KB	97	0% Seq 30% Read	480	300	15,133	968,512.0	5.3	35,745	2,287,680.0	6.1	50,878	3,256,192.0	5.9	169	10,853
64KB	98	100% Seq 0% Read	480	300	-	-	-	66,281	4,241,984.0	4.5	66,281	4,241,984.0	4.5	220	14,139
64KB	99	60% Seq 0% Read	480	300	-	-	-	55,007	3,520,448.0	5.5	55,007	3,520,448.0	5.5	183	11,734
64KB	100	30% Seq 0% Read	480	300	-	-	-	50,427	3,227,328.0	5.9	50,427	3,227,328.0	5.9	168	10,757
64KB	101	0% Seq 0% Read	480	300	-	-	-	49,259	3,152,576.0	6.1	49,259	3,152,576.0	6.1	164	10,508

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128KB	86	100% Seq 100% Read	480	300	532,696	68,185,088.0	0.6	-	-	-	532,696	68,185,088.0	0.6	1,775	227,283
128KB	87	60% Seq 100% Read	480	300	99,771	12,770,688.0	3.0	-	-	-	99,771	12,770,688.0	3.0	332	42,568
128KB	88	30% Seq 100% Read	480	300	70,862	9,070,336.0	4.2	-	-	-	70,862	9,070,336.0	4.2	236	30,234
128KB	89	0% Seq 100% Read	480	300	52,498	6,719,744.0	5.7	-	-	-	52,498	6,719,744.0	5.7	174	22,399
128KB	90	100% Seq 60% Read	480	300	69,530	8,899,840.0	0.6	46,113	5,902,464.0	5.6	115,643	14,802,304.0	2.6	385	49,341
128KB	91	60% Seq 60% Read	480	300	42,681	5,463,168.0	2.6	28,581	3,658,368.0	6.5	71,262	9,121,536.0	4.2	237	30,405
128KB	92	30% Seq 60% Read	480	300	34,827	4,457,856.0	4.1	23,252	2,976,256.0	6.7	58,079	7,434,112.0	5.2	193	24,780
128KB	93	0% Seq 60% Read	480	300	29,792	3,813,376.0	5.6	19,814	2,536,192.0	6.6	49,606	6,349,568.0	6.0	165	21,165
128KB	94	100% Seq 30% Read	480	300	24,887	3,185,536.0	0.4	57,907	7,412,096.0	5.0	82,794	10,597,632.0	3.6	275	35,325
128KB	95	60% Seq 30% Read	480	300	18,100	2,316,800.0	2.4	42,483	5,437,824.0	6.0	60,583	7,754,624.0	5.0	201	25,848
128KB	96	30% Seq 30% Read	480	300	15,681	2,007,168.0	4.1	36,402	4,659,456.0	6.5	52,083	6,666,624.0	5.8	173	22,222
128KB	97	0% Seq 30% Read	480	300	14,034	1,796,352.0	5.7	33,514	4,289,792.0	6.6	47,548	6,086,144.0	6.3	158	20,287
128KB	98	100% Seq 0% Read	480	300	-	-	-	59,226	7,580,928.0	5.1	59,226	7,580,928.0	5.1	197	25,269
128KB	99	60% Seq 0% Read	480	300	-	-	-	49,196	6,297,088.0	6.1	49,196	6,297,088.0	6.1	163	20,990
128KB	100	30% Seq 0% Read	480	300	-	-	-	47,653	6,099,584.0	6.3	47,653	6,099,584.0	6.3	158	20,331
128KB	101	0% Seq 0% Read	480	300	-	-	-	45,875	5,872,000.0	6.5	45,875	5,872,000.0	6.5	152	19,573

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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	STX Ent. Enhanced 15K Resp (R+W) ms	STX Ent. Enhanced 15K Avg. IOP Sec (R+W)	STX Ent. Enhanced 15K Bandwidth KB Sec (R+W)
256KB	103	100% Seq 100% Read	480	300	258,783	66,248,448.0	1.2	-	-	-	258,783	66,248,448.0	1.2	862	220,828
256KB	104	60% Seq 100% Read	480	300	76,691	19,632,896.0	3.9	-	-	-	76,691	19,632,896.0	3.9	255	65,442
256KB	105	30% Seq 100% Read	480	300	57,443	14,705,408.0	5.2	-	-	-	57,443	14,705,408.0	5.2	191	49,018
256KB	106	0% Seq 100% Read	480	300	46,779	11,975,424.0	6.4	-	-	-	46,779	11,975,424.0	6.4	155	39,918
256KB	107	100% Seq 60% Read	480	300	52,688	13,488,128.0	1.5	34,737	8,892,672.0	6.4	87,425	22,380,800.0	3.4	291	74,602
256KB	108	60% Seq 60% Read	480	300	32,856	8,411,136.0	3.8	22,113	5,660,928.0	7.9	54,969	14,072,064.0	5.5	183	46,906
256KB	109	30% Seq 60% Read	480	300	29,492	7,549,952.0	5.1	19,607	5,019,392.0	7.7	49,099	12,569,344.0	6.1	163	41,897
256KB	110	0% Seq 60% Read	480	300	26,243	6,718,208.0	6.3	17,421	4,459,776.0	7.7	43,664	11,177,984.0	6.9	145	37,259
256KB	111	100% Seq 30% Read	480	300	19,975	5,113,600.0	1.6	47,950	12,275,200.0	5.6	67,925	17,388,800.0	4.4	226	57,962
256KB	112	60% Seq 30% Read	480	300	15,115	3,869,440.0	3.6	35,725	9,145,600.0	6.9	50,840	13,015,040.0	5.9	169	43,383
256KB	113	30% Seq 30% Read	480	300	13,179	3,373,824.0	5.0	30,886	7,906,816.0	7.6	44,065	11,280,640.0	6.8	146	37,602
256KB	114	0% Seq 30% Read	480	300	12,483	3,195,648.0	6.3	29,383	7,522,048.0	7.5	41,866	10,717,696.0	7.2	139	35,725
256KB	115	100% Seq 0% Read	480	300	-	-	-	47,514	12,163,584.0	6.3	47,514	12,163,584.0	6.3	158	40,545
256KB	116	60% Seq 0% Read	480	300	-	-	-	42,636	10,914,816.0	7.0	42,636	10,914,816.0	7.0	142	36,382
256KB	117	30% Seq 0% Read	480	300	-	-	-	41,954	10,740,224.0	7.1	41,954	10,740,224.0	7.1	139	35,800
256KB	118	0% Seq 0% Read	480	300	-	-	-	40,303	10,317,568.0	7.4	40,303	10,317,568.0	7.4	134	34,391

Your performance WILL vary

Worker count = 1

11/14/2013

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

Seagate Enterprise Enhanced 15K 600GB 2.5" 6Gb SAS 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	STX Ent. Enhanced 15K Resp (R+W) ms	STX Ent. Enhanced 15K Avg. IOP Sec (R+W)	STX Ent. Enhanced 15K Bandwidth KB Sec (R+W)
512KB	120	100% Seq 100% Read	480	300	145,302	74,394,624.0	2.1	-	-	-	145,302	74,394,624.0	2.1	484	247,982
512KB	121	60% Seq 100% Read	480	300	56,238	28,793,856.0	5.3	-	-	-	56,238	28,793,856.0	5.3	187	95,979
512KB	122	30% Seq 100% Read	480	300	45,231	23,158,272.0	6.6	-	-	-	45,231	23,158,272.0	6.6	150	77,194
512KB	123	0% Seq 100% Read	480	300	40,119	20,540,928.0	7.5	-	-	-	40,119	20,540,928.0	7.5	133	68,469
512KB	124	100% Seq 60% Read	480	300	36,345	18,608,640.0	2.8	24,080	12,328,960.0	8.3	60,425	30,937,600.0	5.0	201	103,125
512KB	125	60% Seq 60% Read	480	300	26,229	13,429,248.0	5.1	17,504	8,962,048.0	9.5	43,733	22,391,296.0	6.9	145	74,637
512KB	126	30% Seq 60% Read	480	300	23,496	12,029,952.0	6.3	15,914	8,147,968.0	9.5	39,410	20,177,920.0	7.6	131	67,259
512KB	127	0% Seq 60% Read	480	300	21,933	11,229,696.0	7.4	14,514	7,431,168.0	9.4	36,447	18,660,864.0	8.2	121	62,202
512KB	128	100% Seq 30% Read	480	300	15,845	8,112,640.0	2.8	37,143	19,017,216.0	6.9	52,988	27,129,856.0	5.7	176	90,432
512KB	129	60% Seq 30% Read	480	300	12,303	6,299,136.0	4.7	28,666	14,676,992.0	8.5	40,969	20,976,128.0	7.3	136	69,920
512KB	130	30% Seq 30% Read	480	300	10,761	5,509,632.0	6.2	25,299	12,953,088.0	9.2	36,060	18,462,720.0	8.3	120	61,542
512KB	131	0% Seq 30% Read	480	300	10,479	5,365,248.0	7.4	23,947	12,260,864.0	9.3	34,426	17,626,112.0	8.7	114	58,753
512KB	132	100% Seq 0% Read	480	300	-	-	-	35,236	18,040,832.0	8.5	35,236	18,040,832.0	8.5	117	60,136
512KB	133	60% Seq 0% Read	480	300	-	-	-	32,366	16,571,392.0	9.3	32,366	16,571,392.0	9.3	107	55,237
512KB	134	30% Seq 0% Read	480	300	-	-	-	33,013	16,902,656.0	9.1	33,013	16,902,656.0	9.1	110	56,342
512KB	135	0% Seq 0% Read	480	300	-	-	-	32,433	16,605,696.0	9.2	32,433	16,605,696.0	9.2	108	55,352

Your performance WILL vary

Worker count = 1

11/14/2013

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

Seagate Enterprise Enhanced 15K 600GB 2.5" 6Gb SAS 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	STX Ent. Enhanced 15K Resp (R+W) ms	STX Ent. Enhanced 15K Avg. IOP Sec (R+W)	STX Ent. Enhanced 15K Bandwidth KB Sec (R+W)
1024KB	137	100% Seq 100% Read	480	300	64,430	65,976,320.0	4.7	-	-	-	64,430	65,976,320.0	4.7	214	219,921
1024KB	138	60% Seq 100% Read	480	300	32,120	32,890,880.0	9.3	-	-	-	32,120	32,890,880.0	9.3	107	109,636
1024KB	139	30% Seq 100% Read	480	300	25,934	26,556,416.0	11.6	-	-	-	25,934	26,556,416.0	11.6	86	88,521
1024KB	140	0% Seq 100% Read	480	300	20,966	21,469,184.0	14.3	-	-	-	20,966	21,469,184.0	14.3	69	71,563
1024KB	141	100% Seq 60% Read	480	300	22,254	22,788,096.0	5.5	14,817	15,172,608.0	12.0	37,071	37,960,704.0	8.1	123	126,535
1024KB	142	60% Seq 60% Read	480	300	17,158	17,569,792.0	8.4	11,501	11,777,024.0	13.5	28,659	29,346,816.0	10.5	95	97,822
1024KB	143	30% Seq 60% Read	480	300	15,279	15,645,696.0	10.7	10,039	10,279,936.0	13.5	25,318	25,925,632.0	11.8	84	86,418
1024KB	144	0% Seq 60% Read	480	300	13,989	14,324,736.0	12.4	9,368	9,592,832.0	13.5	23,357	23,917,568.0	12.8	77	79,725
1024KB	145	100% Seq 30% Read	480	300	10,833	11,092,992.0	5.2	24,693	25,285,632.0	9.9	35,526	36,378,624.0	8.4	118	121,262
1024KB	146	60% Seq 30% Read	480	300	8,399	8,600,576.0	7.5	19,903	20,380,672.0	11.9	28,302	28,981,248.0	10.6	94	96,604
1024KB	147	30% Seq 30% Read	480	300	7,628	7,811,072.0	9.3	17,810	18,237,440.0	12.8	25,438	26,048,512.0	11.8	84	86,828
1024KB	148	0% Seq 30% Read	480	300	7,143	7,314,432.0	11.0	16,814	17,217,536.0	13.2	23,957	24,531,968.0	12.5	79	81,773
1024KB	149	100% Seq 0% Read	480	300	-	-	-	30,342	31,070,208.0	9.9	30,342	31,070,208.0	9.9	101	103,567
1024KB	150	60% Seq 0% Read	480	300	-	-	-	26,365	26,997,760.0	11.4	26,365	26,997,760.0	11.4	87	89,992
1024KB	151	30% Seq 0% Read	480	300	-	-	-	23,432	23,994,368.0	12.8	23,432	23,994,368.0	12.8	78	79,981
1024KB	152	0% Seq 0% Read	480	300	-	-	-	23,216	23,773,184.0	12.9	23,216	23,773,184.0	12.9	77	79,243

Your performance WILL vary

Worker count = 1

11/14/2013

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

Seagate Enterprise Enhanced 15K 600GB 2.5" 6Gb SAS 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	STX Ent. Enhanced 15K Resp (R+W) ms	STX Ent. Enhanced 15K Avg. IOP Sec (R+W)	STX Ent. Enhanced 15K Bandwidth KB Sec (R+W)
2048KB	154	100% Seq 100% Read	480	300	30,133	61,712,384.0	10.0	-	-	-	30,133	61,712,384.0	10.0	100	205,707
2048KB	155	60% Seq 100% Read	480	300	21,713	44,468,224.0	13.8	-	-	-	21,713	44,468,224.0	13.8	72	148,227
2048KB	156	30% Seq 100% Read	480	300	18,317	37,513,216.0	16.4	-	-	-	18,317	37,513,216.0	16.4	61	125,044
2048KB	157	0% Seq 100% Read	480	300	15,938	32,641,024.0	18.8	-	-	-	15,938	32,641,024.0	18.8	53	108,803
2048KB	158	100% Seq 60% Read	480	300	13,731	28,121,088.0	9.4	9,260	18,964,480.0	18.5	22,991	47,085,568.0	13.0	76	156,951
2048KB	159	60% Seq 60% Read	480	300	11,222	22,982,656.0	13.1	7,507	15,374,336.0	20.3	18,729	38,356,992.0	16.0	62	127,856
2048KB	160	30% Seq 60% Read	480	300	10,199	20,887,552.0	15.2	6,930	14,192,640.0	20.9	17,129	35,080,192.0	17.5	57	116,933
2048KB	161	0% Seq 60% Read	480	300	9,620	19,701,760.0	16.9	6,553	13,420,544.0	21.0	16,173	33,122,304.0	18.5	53	110,407
2048KB	162	100% Seq 30% Read	480	300	5,697	11,667,456.0	11.2	13,315	27,269,120.0	17.7	19,012	38,936,576.0	15.8	63	129,788
2048KB	163	60% Seq 30% Read	480	300	4,771	9,771,008.0	13.3	10,946	22,417,408.0	21.6	15,717	32,188,416.0	19.1	52	107,294
2048KB	164	30% Seq 30% Read	480	300	4,903	10,041,344.0	14.2	11,363	23,271,424.0	20.3	16,266	33,312,768.0	18.4	54	111,042
2048KB	165	0% Seq 30% Read	480	300	4,700	9,625,600.0	15.5	10,969	22,464,512.0	20.7	15,669	32,090,112.0	19.1	52	106,967
2048KB	166	100% Seq 0% Read	480	300	-	-	-	17,983	36,829,184.0	16.7	17,983	36,829,184.0	16.7	59	122,763
2048KB	167	60% Seq 0% Read	480	300	-	-	-	15,735	32,225,280.0	19.1	15,735	32,225,280.0	19.1	52	107,417
2048KB	168	30% Seq 0% Read	480	300	-	-	-	14,869	30,451,712.0	20.2	14,869	30,451,712.0	20.2	49	101,505
2048KB	169	0% Seq 0% Read	480	300	-	-	-	14,779	30,267,392.0	20.3	14,779	30,267,392.0	20.3	49	100,891