

Run	Threads	Buckets	Temp1	Temp2	Destination	Total Time (s)	Total Time (mins)	Phase 1 (s)	Phase 2 (s)	Phase 3 (s)	Phase 4 (s)	P1 (mins)	P2 (mins)	P3 (mins)	P4 (mins)	Copy Time (s)	Copy Time (mins)	Avg Speed (MB/s)
System: 2x Xeon E5-2670 v2 - 2.9Ghz All Core Boost (20c/40threads), 128gb DDR3 1866Mhz RAM, Ubuntu 20.04.2 LTS																		
#1 - 1x SAS Temp	35	256	1x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	temp1	5522.57	1:32:03	840.112	2344.91	2256.64	80.8254	0:14:00	0:39:05	0:37:37	0:01:21	-	-	-
#2 - 2x SAS Temp	35	256	2x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	3573.87	0:59:34	789.638	1294.72	1414.88	74.5464	0:13:10	0:21:35	0:23:35	0:01:15	663.021	0:11:03	156.546
#3 - 5x SAS Temp	35	256	5x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2371.93	0:39:32	785.151	738.371	775.382	72.9419	0:13:05	0:12:18	0:12:55	0:01:13	651.651	0:10:52	159.217
#4 - 1x SAS Temp	35	512	1x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	6431.71	1:47:12	988.302	2903.21	2460.29	79.8169	0:16:28	0:48:23	0:41:00	0:01:20	766.317	0:12:46	135.431
#5 - 2x SAS Temp	35	512	2x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	3670.03	1:01:10	833.622	1342.63	1426.44	68.2456	0:13:54	0:22:23	0:23:46	0:01:08	712.276	0:11:52	145.721
#6 - 5x SAS Temp	35	512	5x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2462.37	0:41:02	828.832	767.587	800.019	65.8309	0:13:49	0:12:48	0:13:20	0:01:06	703.647	0:11:44	147.508
#7 - 8x SAS Temp	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2146.43	0:35:46	822.038	638.59	611.316	74.4023	0:13:42	0:10:39	0:10:11	0:01:14	712.274	0:11:52	145.722
#8 - 8x SAS Temp	35	512	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2255.28	0:37:35	915.424	646.244	627.389	66.2245	0:15:15	0:10:46	0:10:27	0:01:06	737.385	0:12:17	140.759
#9 - 8x SAS Temp 12 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2161.03	0:36:01	807.298	645.64	635.154	72.8586	0:13:27	0:10:46	0:10:35	0:01:13	834.753	0:13:55	124.338
#9 - 8x SAS Temp 12 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2207.8	0:36:48	839.054	661.404	633.089	74.1792	0:13:59	0:11:01	0:10:33	0:01:14	847.979	0:14:08	122.375
#9 - 8x SAS Temp 12 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2239.72	0:37:20	827.681	695.121	642.215	74.6121	0:13:48	0:11:35	0:10:42	0:01:15	892.469	0:14:52	116.297
#9 - 8x SAS Temp 12 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2169.24	0:36:09	792.836	678.811	622.886	74.6303	0:13:13	0:11:19	0:10:23	0:01:15	911.374	0:15:11	113.871
#9 - 8x SAS Temp 12 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2307.82	0:38:28	842.856	761.988	626.415	76.4908	0:14:03	0:12:42	0:10:26	0:01:16	1060.02	0:17:40	97.9087
#9 - 8x SAS Temp 12 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2275.9	0:37:56	787.877	712.658	700.525	74.7673	0:13:08	0:11:53	0:11:41	0:01:15	1075.28	0:17:55	96.5277
#9 - 8x SAS Temp 12 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2261.77	0:37:42	801.708	745.275	635.649	79.0615	0:13:22	0:12:25	0:10:36	0:01:19	1107.3	0:18:27	93.7366
#9 - 8x SAS Temp 12 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2334.02	0:38:54	847.882	750.791	660.44	74.8274	0:14:08	0:12:31	0:11:00	0:01:15	1228.74	0:20:29	84.4606
#9 - 8x SAS Temp 12 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2269.32	0:37:49	787.897	752.46	654.097	74.7799	0:13:08	0:12:32	0:10:54	0:01:15	1268.5	0:21:09	81.7963
#9 - 8x SAS Temp 12 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2325.09	0:38:45	823.751	756.011	671.413	73.8435	0:13:44	0:12:36	0:11:11	0:01:14	1420.22	0:23:40	73.0806
#9 - 8x SAS Temp 12 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2602.51	0:43:23	794.709	1011.99	720.743	74.9945	0:13:15	0:16:52	0:12:01	0:01:15	1439.31	0:23:59	72.1109
#9 - 8x SAS Temp 12 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm11 (7.2k SAS - DAS via H200E)	2436.92	0:40:37	813.997	880.035	667.837	74.9676	0:13:34	0:14:40	0:11:08	0:01:15	-	-	-
AVERAGE TIME (min):							0:38:19					0:13:34	0:12:34	0:10:56	0:01:15		0:18:19	
#10 - 8x SAS Temp	38	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2267.78	0:37:48	800.317	677.854	716.527	73.0046	0:13:20	0:11:18	0:11:57	0:01:13	670.844	0:11:11	154.715
#11 - 8x SAS Temp	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2332.42	0:38:52	798.419	781.258	674.758	77.8992	0:13:18	0:13:01	0:11:15	0:01:18	661.784	0:11:02	156.773
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2200.62	0:36:41	837.669	660.161	625.69	77.0111	0:13:58	0:11:00	0:10:26	0:01:17	764.18	0:12:44	135.824
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2210.15	0:36:50	826.636	667.39	638.721	77.3229	0:13:47	0:11:07	0:10:39	0:01:17	799.312	0:13:19	129.813
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2315.85	0:38:36	853.269	745.041	639.132	78.3241	0:14:13	0:12:25	0:10:39	0:01:18	795.942	0:13:16	130.391
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2259.28	0:37:39	806.854	719.554	653.817	78.9751	0:13:27	0:12:00	0:10:54	0:01:19	815.898	0:13:36	127.204
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2293.48	0:38:13	834.898	727.268	652.294	78.9499	0:13:55	0:12:07	0:10:52	0:01:19	811.126	0:13:31	127.935
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2272.01	0:37:52	817.708	700.726	674.326	79.1703	0:13:38	0:11:41	0:11:14	0:01:19	820.7	0:13:41	126.465
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2227.23	0:37:07	800.802	688.319	658.748	79.2887	0:13:21	0:11:28	0:10:59	0:01:19	828.887	0:13:49	125.221
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2263.12	0:37:43	809.511	724.529	650.544	78.4582	0:13:30	0:12:05	0:10:51	0:01:18	877.614	0:14:38	118.269
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2312.78	0:38:33	870.509	707.641	655.244	79.3084	0:14:31	0:11:48	0:10:55	0:01:19	902.692	0:15:03	114.983

#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2316.91	0:38:37	848.119	725.093	665.243	78.3774	0:14:08	0:12:05	0:11:05	0:01:18	932.087	0:15:32	111.357
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2390.27	0:39:50	832.676	721.104	755.52	80.8984	0:13:53	0:12:01	0:12:36	0:01:21	1030.73	0:17:11	100.697
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2325.31	0:38:45	849.693	738.794	657.713	79.0262	0:14:10	0:12:19	0:10:58	0:01:19	1035.48	0:17:15	100.234
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2382.89	0:39:43	853.049	764.179	684.302	81.288	0:14:13	0:12:44	0:11:24	0:01:21	1077.62	0:17:58	96.3169
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2429.76	0:40:30	859.16	786.768	702.701	81.0588	0:14:19	0:13:07	0:11:43	0:01:21	1268.61	0:21:09	81.8117
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2499.53	0:41:40	792.234	909.399	716.328	81.4861	0:13:12	0:15:09	0:11:56	0:01:21	1315.04	0:21:55	78.9283
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2377.05	0:39:37	826.185	809.782	664.807	76.1951	0:13:46	0:13:30	0:11:05	0:01:16	1320.84	0:22:01	78.582
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2328.4	0:38:48	856.983	739.485	654.041	77.8118	0:14:17	0:12:19	0:10:54	0:01:18	1434.29	0:23:54	72.3391
#12 - 8x SAS Temp 18 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm12 (7.2k SAS - DAS via H200E)	2282.49	0:38:02	793.787	773.199	637.496	77.9353	0:13:14	0:12:53	0:10:37	0:01:18	968.287	0:16:08	107.182
AVERAGE TIMES (min):							0:38:36					0:13:52	0:12:19	0:11:06	0:01:19		0:16:29	
#13 8x SAS Temp	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min) (switch to write-back cache from here on)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2210.16	0:36:50	797.502	673.051	664.158	75.3674	0:13:18	0:11:13	0:11:04	0:01:15	650.966	0:10:51	159.371
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2222.76	0:37:03	825.023	664.887	659.525	73.2409	0:13:45	0:11:05	0:11:00	0:01:13	764.804	0:12:45	135.663
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2195.52	0:36:36	800.195	660.366	660.563	74.3077	0:13:20	0:11:00	0:11:01	0:01:14	779.222	0:12:59	133.191
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2271.91	0:37:52	832.38	715.532	651.397	72.5163	0:13:52	0:11:56	0:10:51	0:01:13	781.275	0:13:01	132.844
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2183.52	0:36:24	801.976	658.986	649.934	72.549	0:13:22	0:10:59	0:10:50	0:01:13	804.216	0:13:24	129.063
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2289.62	0:38:10	817.385	732.26	666.232	73.6612	0:13:37	0:12:12	0:11:06	0:01:14	813.521	0:13:34	127.574
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2293.81	0:38:14	810.789	721.061	686.07	75.8182	0:13:31	0:12:01	0:11:26	0:01:16	807.246	0:13:27	128.561
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2354.8	0:39:15	797.672	765.73	716.527	74.7956	0:13:18	0:12:46	0:11:57	0:01:15	825.468	0:13:45	125.725
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2344.08	0:39:04	806.996	796.096	667.251	73.6567	0:13:27	0:13:16	0:11:07	0:01:14	858.131	0:14:18	120.953
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2309.43	0:38:29	896.983	665.988	671.21	75.1653	0:14:57	0:11:06	0:11:11	0:01:15	884.497	0:14:44	117.312
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2317.95	0:38:38	818.188	752.362	673.324	73.9876	0:13:38	0:12:32	0:11:13	0:01:14	873.924	0:14:34	118.743
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2259.25	0:37:39	867.263	665.343	652.826	73.7376	0:14:27	0:11:05	0:10:53	0:01:14	928.784	0:15:29	111.752
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2276.39	0:37:56	845.895	694.046	663.596	72.7771	0:14:06	0:11:34	0:11:04	0:01:13	1044.87	0:17:25	99.3373
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2277.82	0:37:58	823.223	712.241	669.123	73.1525	0:13:43	0:11:52	0:11:09	0:01:13	1048.18	0:17:28	99.0089
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2343.89	0:39:04	821.965	773.508	675.043	73.2967	0:13:42	0:12:54	0:11:15	0:01:13	1171.19	0:19:31	88.6221
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2274.44	0:37:54	796.365	733.24	670.712	74.0461	0:13:16	0:12:13	0:11:11	0:01:14	1204.81	0:20:05	86.1255
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2316.5	0:38:37	793.434	771.846	677.479	73.6603	0:13:13	0:12:52	0:11:17	0:01:14	1266.2	0:21:06	81.9671
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2305.33	0:38:25	838.133	762.438	632.306	72.3701	0:13:58	0:12:42	0:10:32	0:01:12	1391.59	0:23:12	74.5818
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2396.91	0:39:57	823.198	839.419	659.938	74.271	0:13:43	0:13:59	0:11:00	0:01:14	1405.29	0:23:25	73.8594
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2327.46	0:38:47	816.344	751.522	685.541	73.9646	0:13:36	0:12:32	0:11:26	0:01:14	1264.61	0:21:05	82.0352
#14 - 8x SAS Temp 20 in row	35	256	8x 900GB 10k SAS (RAID 0 - H710 Min)	110 Gb RAM Drive	Farm13 (7.2k SAS - DAS via H200E)	2403.42	0:40:03	896.564	755.611	679.415	71.7608	0:14:57	0:12:36	0:11:19	0:01:12	855.144	0:14:15	121.375
AVERAGE TIMES (min):							0:38:18					0:13:46	0:12:10	0:11:08	0:01:14		0:16:29	