

Out [1]: [Show Code](#)

Overall Metric Sums

	label	TPCH wall time	TPC-DS wall time	TPCH CPU time	TPC-DS CPU time	TPCH peak memory	TPC-DS peak memory
0	base	0	903.065167	0	82592.716500	0	0.929 TiB
1	128_buffer_size	0	897.691333	0	81312.952833	0	0.930 TiB

Tags

	Tag	Label	Color
0	baseline-oss-6_r6g_8xlarge-420-hive_sf1000_orc_part-s3022	base	y
1	higher_buffer_size-oss-6_r6g_8xlarge-420-hive_sf1000_orc_part-s3021	128_buffer_size	c

FAILED QUERIES

base

	benchmark	query	mean_duration	std_dev
--	-----------	-------	---------------	---------

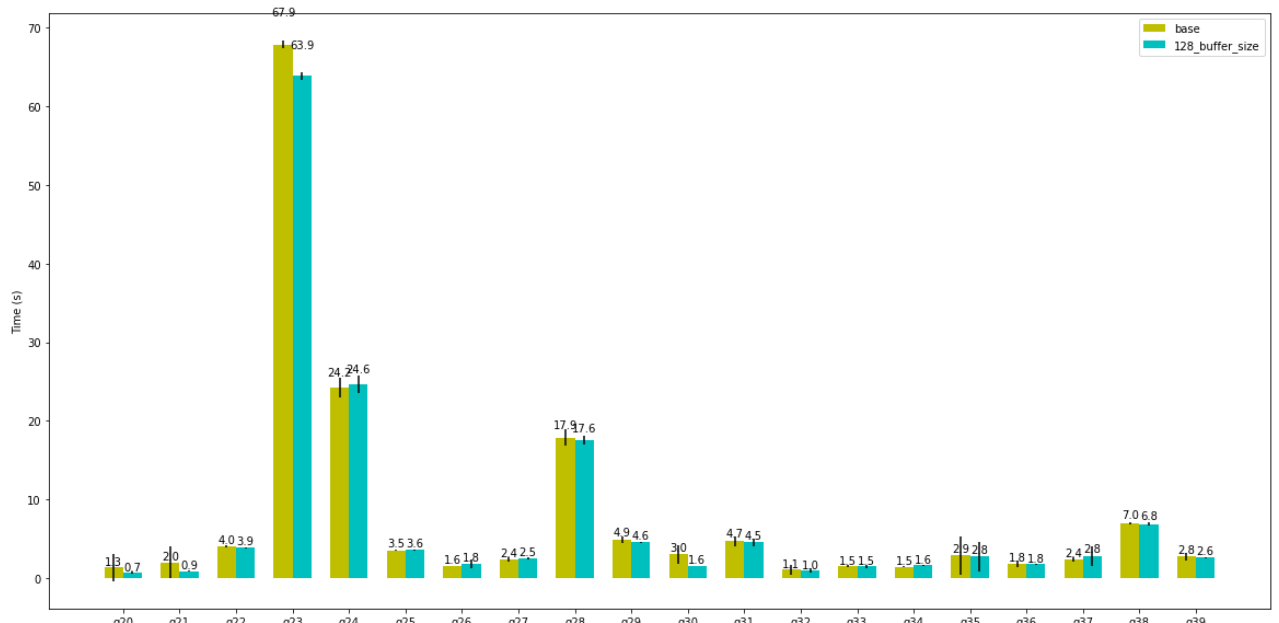
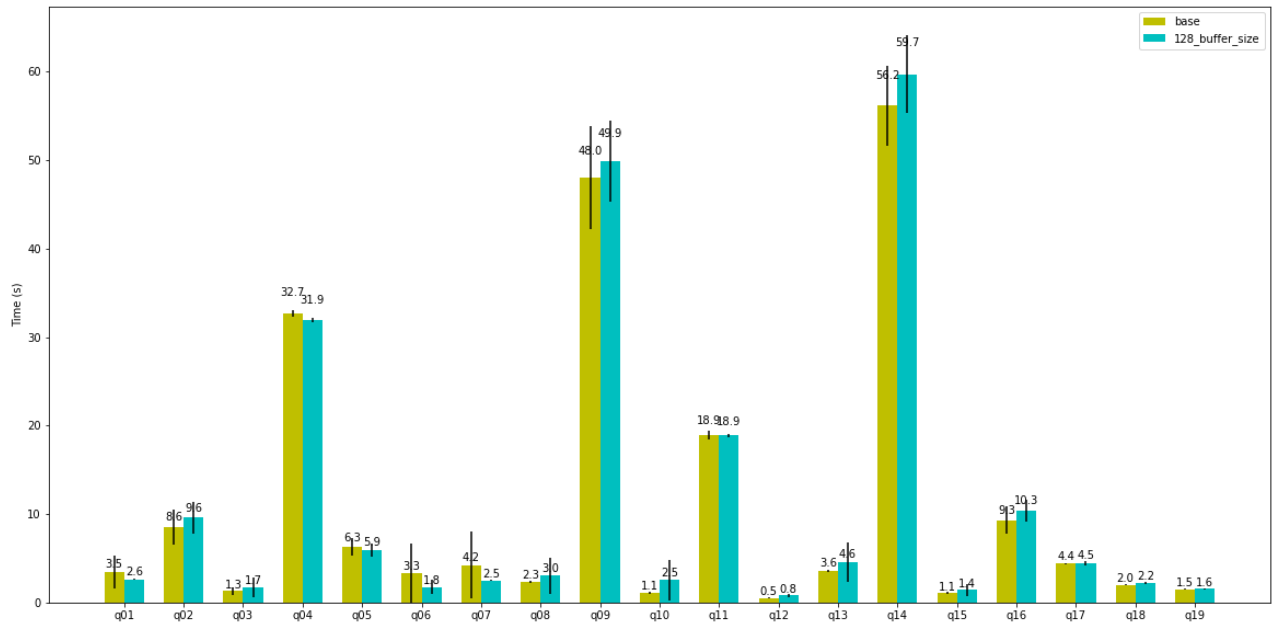
128_buffer_size

	benchmark	query	mean_duration	std_dev
--	-----------	-------	---------------	---------

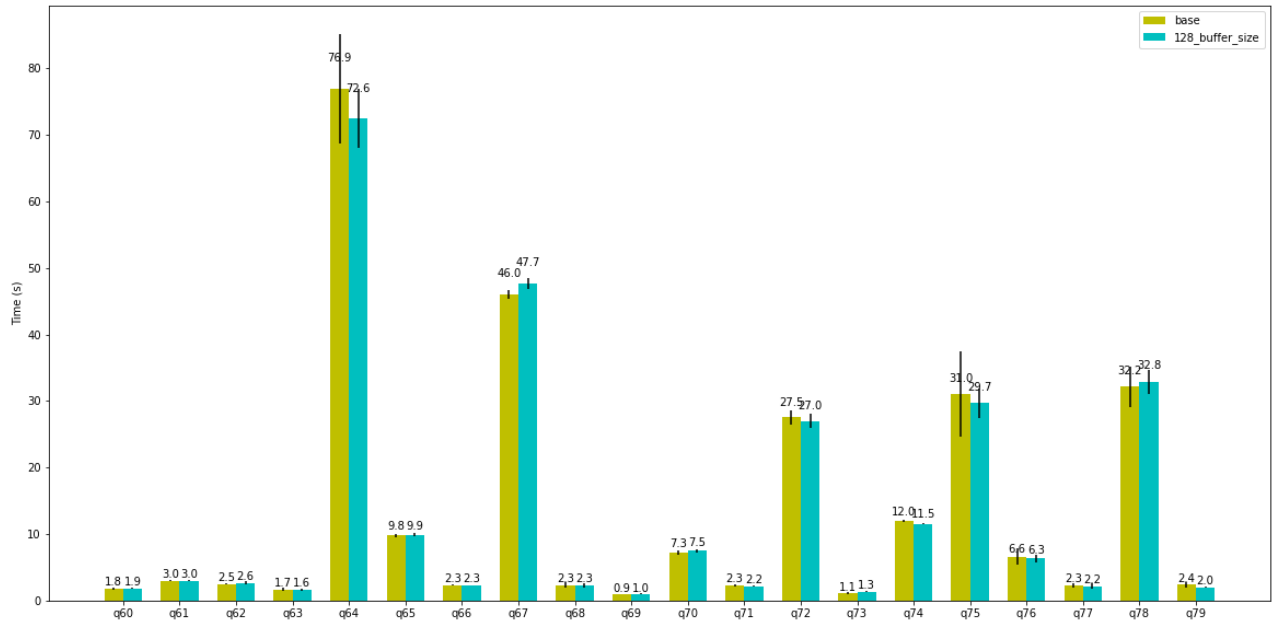
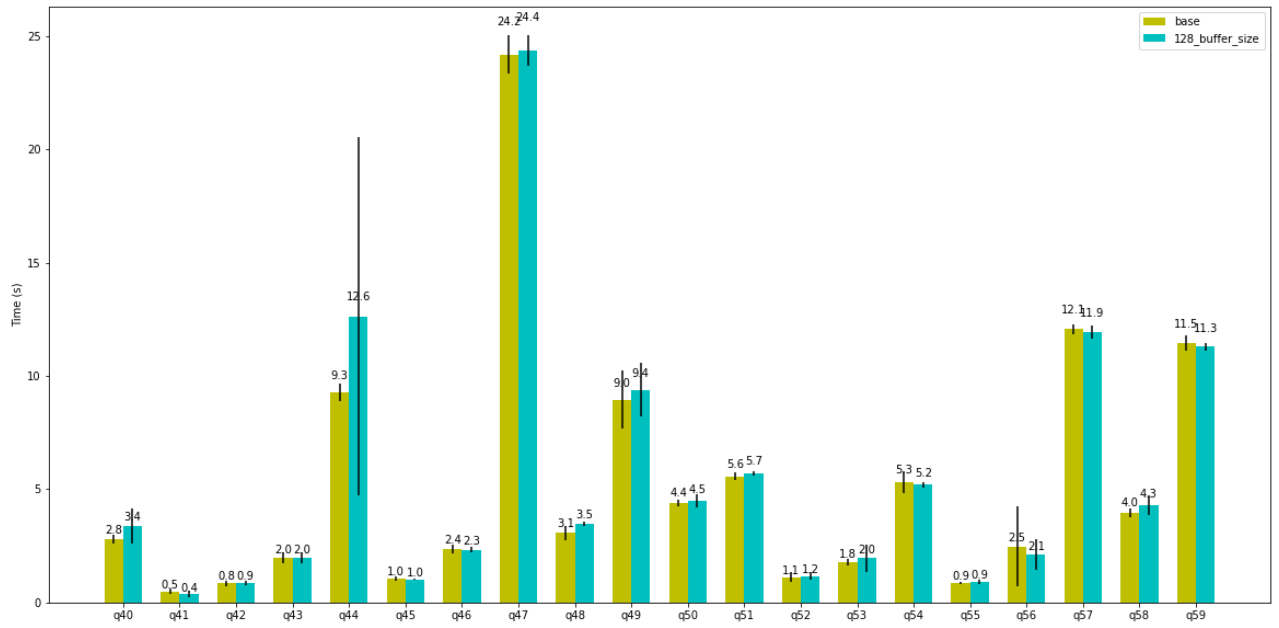
0	presto/tpcds	q93	27773.0	2346.369195
---	--------------	-----	---------	-------------

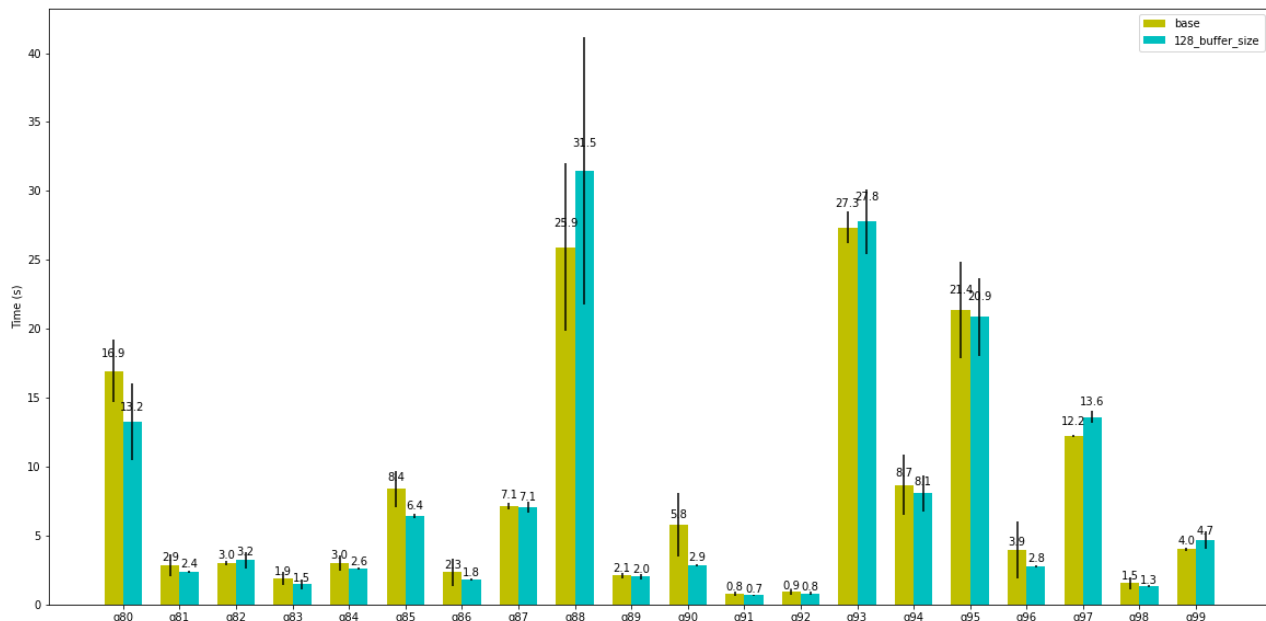
TPC-H Comparison (DURATION)

TPC-DS Comparison (DURATION)



Benchmarks comparison-Gaurav





	query	base mean	base std.dev	128_buffer_size mean	128_buffer_size std.dev
0	presto/tpcds: q01	3.467167	1.866297	2.631000	0.097622
1	presto/tpcds: q02	8.579167	1.984085	9.590500	1.755009
2	presto/tpcds: q03	1.292833	0.448170	1.710333	1.153285
3	presto/tpcds: q04	32.722333	0.376760	31.945833	0.235189
4	presto/tpcds: q05	6.308667	1.005311	5.932833	0.710403
5	presto/tpcds: q06	3.338333	3.330872	1.752667	0.802331
6	presto/tpcds: q07	4.227333	3.754640	2.496833	0.057970
7	presto/tpcds: q08	2.329000	0.128675	3.030833	2.003073
8	presto/tpcds: q09	48.024333	5.787281	49.923333	4.574793
9	presto/tpcds: q10	1.102500	0.166240	2.542833	2.312452
10	presto/tpcds: q11	18.931333	0.550296	18.907667	0.185158
11	presto/tpcds: q12	0.524333	0.031046	0.814000	0.210805
12	presto/tpcds: q13	3.608333	0.138370	4.594833	2.212097
13	presto/tpcds: q14	56.186000	4.516861	59.714000	4.419698
14	presto/tpcds: q15	1.093667	0.119530	1.404500	0.641360
15	presto/tpcds: q16	9.300167	1.569981	10.336500	1.253878
16	presto/tpcds: q17	4.380167	0.101956	4.458500	0.281883
17	presto/tpcds: q18	2.018667	0.074266	2.188833	0.148867
18	presto/tpcds: q19	1.515667	0.028661	1.551500	0.077211
19	presto/tpcds: q20	1.341167	1.761353	0.720667	0.154109
20	presto/tpcds: q21	2.009167	2.052591	0.902167	0.091833
21	presto/tpcds: q22	4.031000	0.093289	3.851500	0.111513

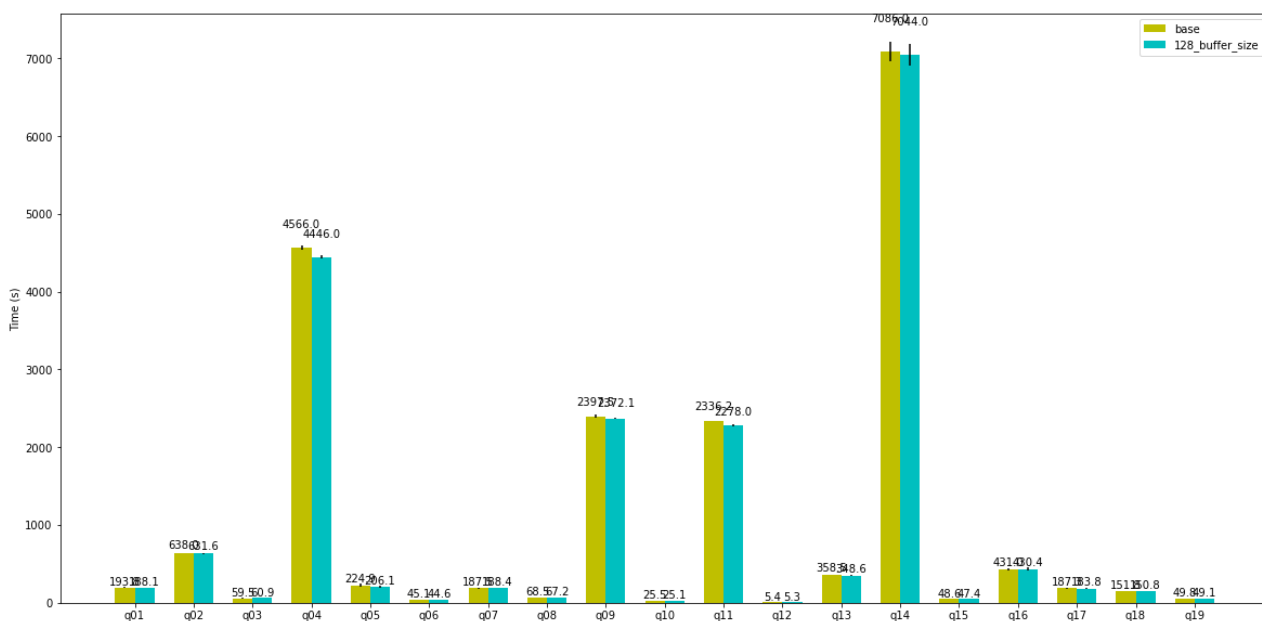
	query	base mean	base std.dev	128_buffer_size mean	128_buffer_size std.dev
22	presto/tpcds: q23	67.854500	0.528042	63.876167	0.489223
23	presto/tpcds: q24	24.243667	1.280556	24.637500	1.135231
24	presto/tpcds: q25	3.537333	0.077164	3.583000	0.094431
25	presto/tpcds: q26	1.554667	0.041998	1.843333	0.585664
26	presto/tpcds: q27	2.369333	0.222832	2.458833	0.148038
27	presto/tpcds: q28	17.857500	1.064948	17.553500	0.529030
28	presto/tpcds: q29	4.883667	0.473173	4.560667	0.051868
29	presto/tpcds: q30	3.018000	1.227066	1.560667	0.022178
30	presto/tpcds: q31	4.702000	0.666617	4.547667	0.515886
31	presto/tpcds: q32	1.094333	0.614833	0.967000	0.271309
32	presto/tpcds: q33	1.497333	0.161930	1.488333	0.159024
33	presto/tpcds: q34	1.452833	0.069217	1.624833	0.089484
34	presto/tpcds: q35	2.900500	2.417513	2.761667	1.892330
35	presto/tpcds: q36	1.826833	0.357935	1.755333	0.062324
36	presto/tpcds: q37	2.384500	0.333256	2.847000	1.241944
37	presto/tpcds: q38	6.986500	0.188634	6.848167	0.202083
38	presto/tpcds: q39	2.751333	0.471726	2.634167	0.083017
39	presto/tpcds: q40	2.798167	0.190297	3.369833	0.785644
40	presto/tpcds: q41	0.487833	0.133246	0.379667	0.166236
41	presto/tpcds: q42	0.846667	0.111787	0.882333	0.095347
42	presto/tpcds: q43	1.971667	0.235305	1.984833	0.242411
43	presto/tpcds: q44	9.273833	0.387070	12.614667	7.904194
44	presto/tpcds: q45	1.046333	0.099045	1.021667	0.035121
45	presto/tpcds: q46	2.362833	0.182552	2.333167	0.099058
46	presto/tpcds: q47	24.180333	0.852882	24.362833	0.663711
47	presto/tpcds: q48	3.073167	0.305830	3.464667	0.107178
48	presto/tpcds: q49	8.952333	1.273968	9.388667	1.190970
49	presto/tpcds: q50	4.372333	0.146585	4.495000	0.297283
50	presto/tpcds: q51	5.566500	0.172785	5.706000	0.096588
51	presto/tpcds: q52	1.115500	0.218021	1.164667	0.182489
52	presto/tpcds: q53	1.787833	0.152119	1.953833	0.594646
53	presto/tpcds: q54	5.313667	0.470016	5.188500	0.132024
54	presto/tpcds: q55	0.850333	0.060062	0.905000	0.107685
55	presto/tpcds: q56	2.474833	1.776205	2.115333	0.673059
56	presto/tpcds: q57	12.055000	0.234229	11.932000	0.274910

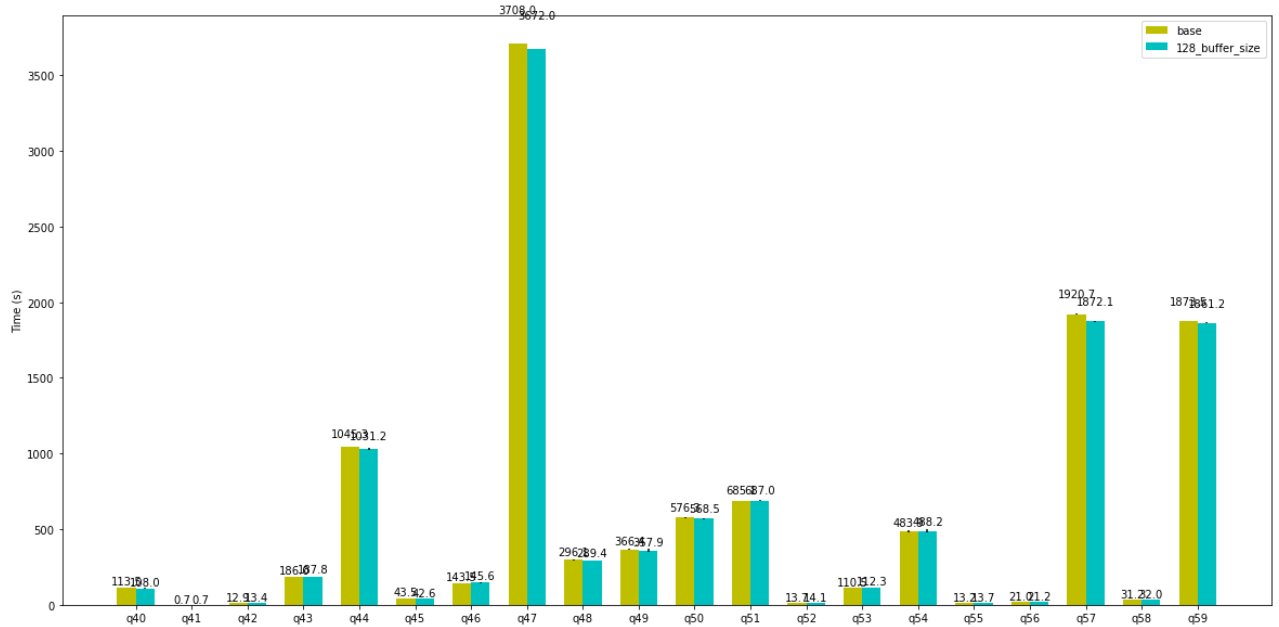
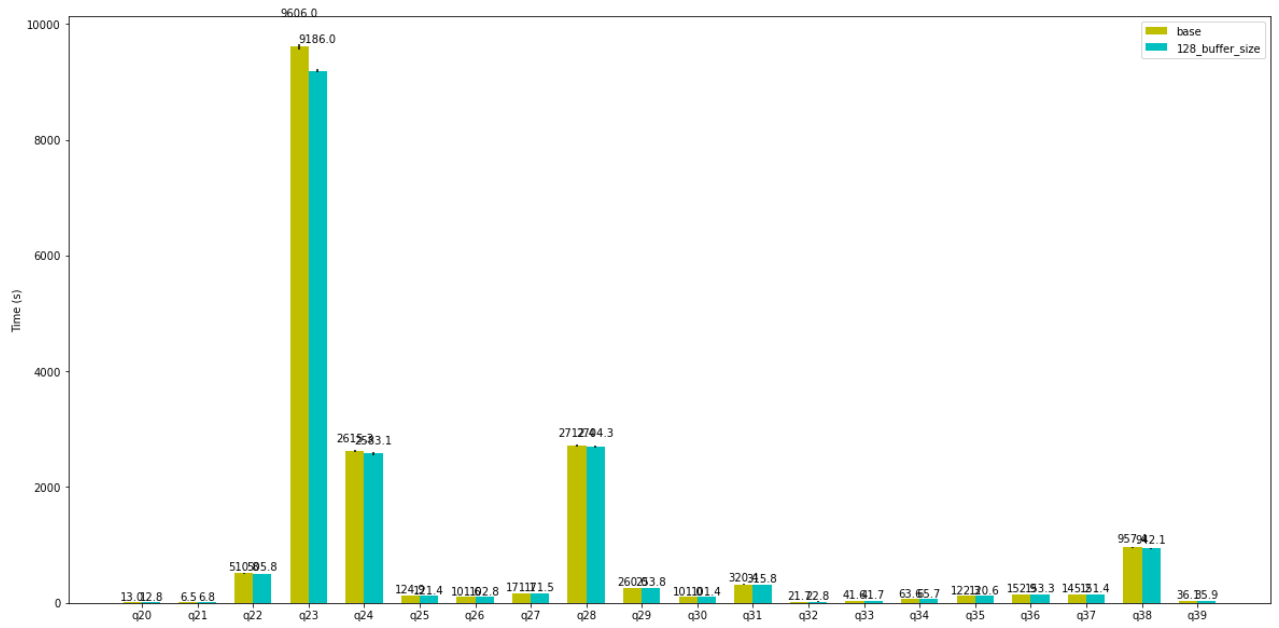
	query	base mean	base std.dev	128_buffer_size mean	128_buffer_size std.dev
57	presto/tpcds: q58	3.952333	0.208528	4.297667	0.423664
58	presto/tpcds: q59	11.453667	0.348240	11.290167	0.167348
59	presto/tpcds: q60	1.805667	0.192287	1.857333	0.145887
60	presto/tpcds: q61	2.996667	0.051048	2.991667	0.074594
61	presto/tpcds: q62	2.513167	0.110706	2.649833	0.204395
62	presto/tpcds: q63	1.680333	0.187367	1.618167	0.109487
63	presto/tpcds: q64	76.916167	8.245806	72.562500	4.435592
64	presto/tpcds: q65	9.796000	0.218660	9.867500	0.228343
65	presto/tpcds: q66	2.289167	0.087066	2.262833	0.061723
66	presto/tpcds: q67	45.962667	0.640660	47.670333	0.806760
67	presto/tpcds: q68	2.326667	0.357891	2.276333	0.325984
68	presto/tpcds: q69	0.947333	0.060487	0.985667	0.080827
69	presto/tpcds: q70	7.272167	0.334399	7.461500	0.261786
70	presto/tpcds: q71	2.250833	0.127369	2.160000	0.098071
71	presto/tpcds: q72	27.531500	1.029040	26.998500	1.047926
72	presto/tpcds: q73	1.067667	0.136437	1.346667	0.058428
73	presto/tpcds: q74	11.950667	0.202670	11.537500	0.082646
74	presto/tpcds: q75	31.024667	6.376186	29.664000	2.236015
75	presto/tpcds: q76	6.588333	1.211511	6.323833	0.531981
76	presto/tpcds: q77	2.264000	0.296502	2.150833	0.452418
77	presto/tpcds: q78	32.152667	3.091306	32.825000	1.825519
78	presto/tpcds: q79	2.376667	0.365511	2.021333	0.076772
79	presto/tpcds: q80	16.947667	2.233467	13.247833	2.798828
80	presto/tpcds: q81	2.855000	0.808238	2.392000	0.064928
81	presto/tpcds: q82	3.006167	0.155619	3.207500	0.603380
82	presto/tpcds: q83	1.890333	0.500395	1.457167	0.325275
83	presto/tpcds: q84	3.025000	0.560791	2.595167	0.095514
84	presto/tpcds: q85	8.373833	1.278930	6.426000	0.133457
85	presto/tpcds: q86	2.329667	0.961330	1.832333	0.074325
86	presto/tpcds: q87	7.139833	0.211342	7.060667	0.406801
87	presto/tpcds: q88	25.930000	6.067475	31.464000	9.682385
88	presto/tpcds: q89	2.098167	0.198046	2.038500	0.191721
89	presto/tpcds: q90	5.801833	2.300968	2.850000	0.095096
90	presto/tpcds: q91	0.792167	0.151063	0.682000	0.022405
91	presto/tpcds: q92	0.916500	0.193118	0.813333	0.085815

	query	base mean	base std.dev	128_buffer_size mean	128_buffer_size std.dev
92	presto/tpcds: q93	27.325000	1.153096	27.773000	2.346369
93	presto/tpcds: q94	8.686667	2.168652	8.057333	1.290306
94	presto/tpcds: q95	21.356500	3.513500	20.852333	2.810571
95	presto/tpcds: q96	3.932500	2.063345	2.759000	0.075837
96	presto/tpcds: q97	12.215000	0.100882	13.585333	0.431958
97	presto/tpcds: q98	1.543000	0.417378	1.306667	0.079987
98	presto/tpcds: q99	4.006000	0.121235	4.659833	0.661349

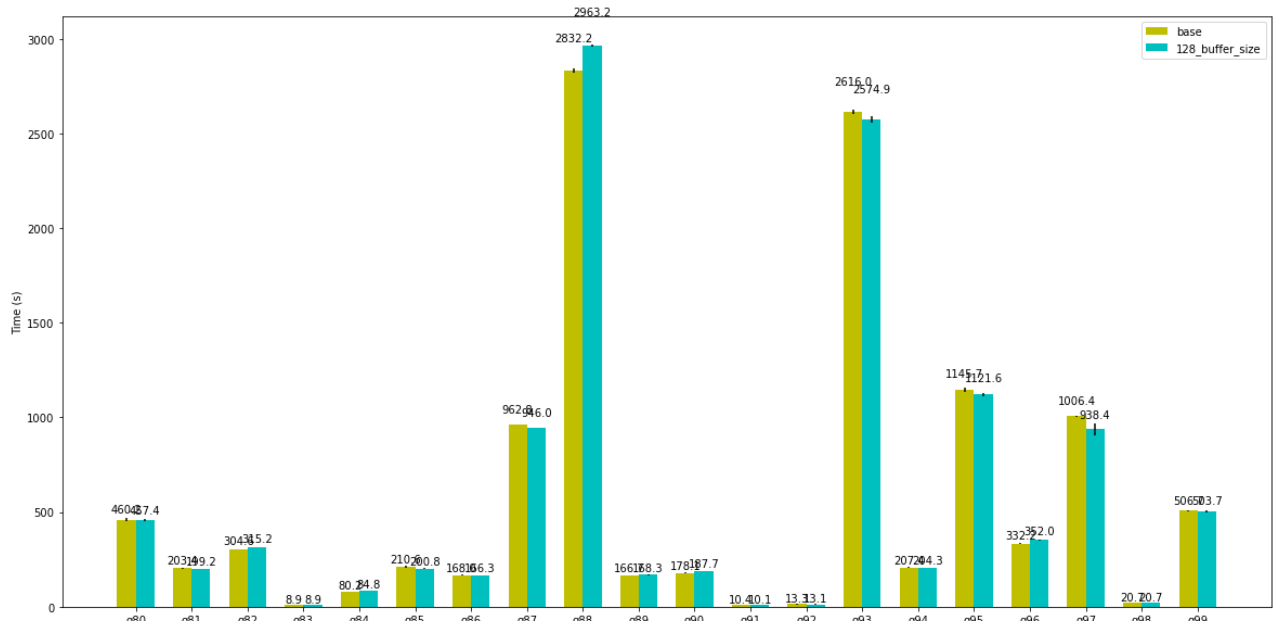
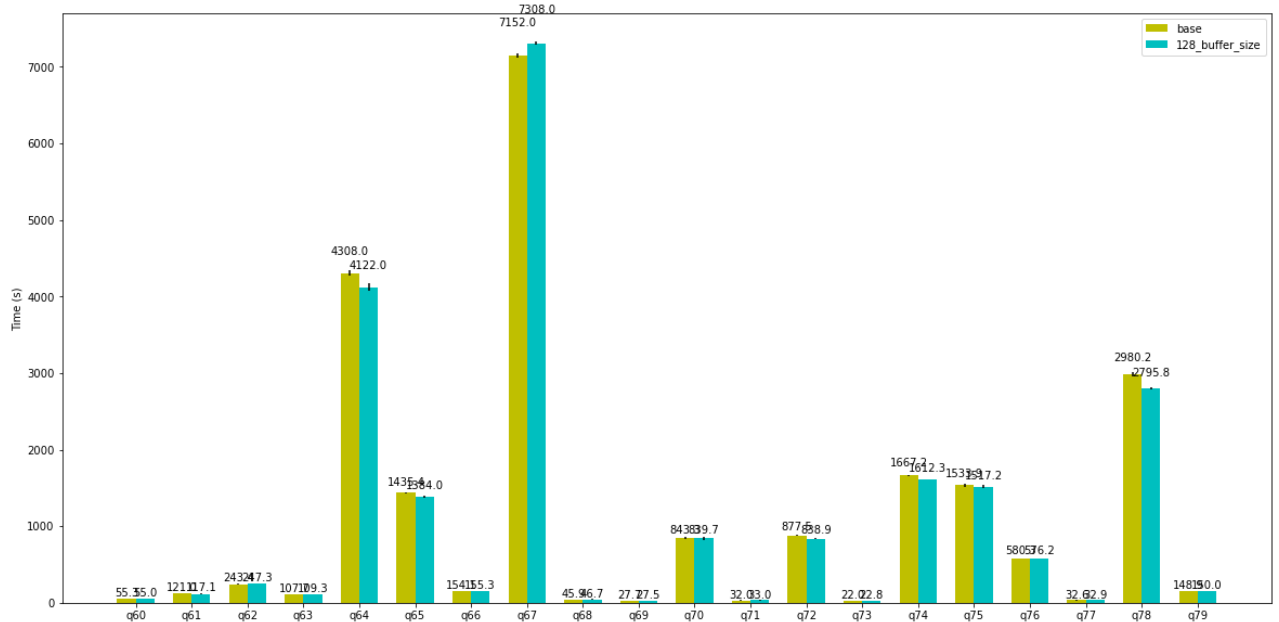
TPC-H Comparison (CPU)

TPC-DS Comparison (CPU)





Benchmarks comparison-Gaurav



	query	base mean	base std.dev	128_buffer_size mean	128_buffer_size std.dev
0	presto/tpcds: q01	193.800000	7.279560	188.100000	1.769746
1	presto/tpcds: q02	638.000000	1.239355	631.600000	0.489898
2	presto/tpcds: q03	59.458333	0.816760	60.890000	0.523641
3	presto/tpcds: q04	4566.000000	27.099815	4446.000000	19.718012
4	presto/tpcds: q05	224.900000	23.757020	206.100000	20.409704
5	presto/tpcds: q06	45.118333	0.821618	44.596667	0.699219

	query	base mean	base std.dev	128_buffer_size mean	128_buffer_size std.dev
6	presto/tpcds: q07	187.500000	3.846557	188.400000	0.379473
7	presto/tpcds: q08	68.500000	1.950385	67.200000	1.200000
8	presto/tpcds: q09	2397.500000	23.950198	2372.100000	11.159032
9	presto/tpcds: q10	25.541667	0.264607	25.141667	0.492033
10	presto/tpcds: q11	2336.200000	2.359661	2278.000000	13.143516
11	presto/tpcds: q12	5.360000	0.050596	5.326667	0.044121
12	presto/tpcds: q13	358.500000	2.034699	348.600000	8.013988
13	presto/tpcds: q14	7086.000000	127.618181	7044.000000	141.579660
14	presto/tpcds: q15	48.630000	0.200400	47.360000	0.379051
15	presto/tpcds: q16	431.000000	16.952168	430.400000	20.075059
16	presto/tpcds: q17	187.300000	6.354526	183.800000	4.337741
17	presto/tpcds: q18	151.800000	0.379473	150.800000	1.682855
18	presto/tpcds: q19	49.800000	0.460130	49.100000	0.794984
19	presto/tpcds: q20	13.018333	0.193330	12.846667	0.144037
20	presto/tpcds: q21	6.545000	0.061563	6.820000	0.121491
21	presto/tpcds: q22	510.800000	3.051557	505.800000	2.656313
22	presto/tpcds: q23	9606.000000	42.085627	9186.000000	27.099815
23	presto/tpcds: q24	2615.300000	19.107590	2583.100000	29.769716
24	presto/tpcds: q25	124.900000	4.146806	121.400000	2.297825
25	presto/tpcds: q26	101.600000	0.309839	102.800000	0.489898
26	presto/tpcds: q27	171.100000	0.961249	171.500000	0.451664
27	presto/tpcds: q28	2712.400000	14.792971	2704.300000	19.465970
28	presto/tpcds: q29	260.000000	0.489898	253.800000	0.536656
29	presto/tpcds: q30	101.000000	1.682855	101.400000	2.007984
30	presto/tpcds: q31	320.400000	4.359817	315.800000	3.144519
31	presto/tpcds: q32	21.738333	0.776361	22.846667	2.999424

	query	base mean	base std.dev	128_buffer_size mean	128_buffer_size std.dev
32	presto/tpcds: q33	41.581667	0.733142	41.710000	0.363648
33	presto/tpcds: q34	63.600000	0.000000	65.700000	0.328634
34	presto/tpcds: q35	122.300000	3.115766	120.600000	3.035787
35	presto/tpcds: q36	152.900000	0.451664	153.300000	0.734847
36	presto/tpcds: q37	145.200000	1.073313	151.400000	0.619677
37	presto/tpcds: q38	957.400000	3.344249	942.100000	5.208839
38	presto/tpcds: q39	36.120000	0.221269	35.863333	0.516165
39	presto/tpcds: q40	113.500000	1.756132	108.000000	2.112818
40	presto/tpcds: q41	0.701500	0.009028	0.726167	0.008010
41	presto/tpcds: q42	12.888333	0.051153	13.390000	0.050200
42	presto/tpcds: q43	186.000000	0.657267	187.800000	0.536656
43	presto/tpcds: q44	1045.300000	1.836301	1031.200000	5.335166
44	presto/tpcds: q45	43.463333	0.878150	42.588333	0.980478
45	presto/tpcds: q46	143.500000	0.589915	145.600000	1.117139
46	presto/tpcds: q47	3708.000000	0.000000	3672.000000	0.000000
47	presto/tpcds: q48	296.100000	0.985901	289.400000	0.309839
48	presto/tpcds: q49	366.400000	3.167333	357.900000	10.976885
49	presto/tpcds: q50	576.300000	2.676565	568.500000	4.453762
50	presto/tpcds: q51	685.100000	1.628496	687.000000	3.129217
51	presto/tpcds: q52	13.736667	0.103086	14.135000	0.131567
52	presto/tpcds: q53	110.500000	0.451664	112.300000	1.672124
53	presto/tpcds: q54	483.900000	8.092218	488.200000	9.136301
54	presto/tpcds: q55	13.170000	0.115065	13.696667	0.051251

	query	base mean	base std.dev	128_buffer_size mean	128_buffer_size std.dev
55	presto/tpcds: q56	20.970000	0.275608	21.163333	0.239972
56	presto/tpcds: q57	1920.700000	1.628496	1872.100000	1.836301
57	presto/tpcds: q58	31.240000	0.191311	31.970000	0.864153
58	presto/tpcds: q59	1873.500000	0.909945	1861.200000	3.756594
59	presto/tpcds: q60	55.285000	0.383341	55.031667	0.332591
60	presto/tpcds: q61	121.000000	0.309839	117.100000	0.451664
61	presto/tpcds: q62	243.400000	2.328948	247.300000	1.537530
62	presto/tpcds: q63	107.700000	0.328634	109.300000	0.244949
63	presto/tpcds: q64	4308.000000	37.180640	4122.000000	49.622576
64	presto/tpcds: q65	1435.400000	9.159913	1384.000000	8.782710
65	presto/tpcds: q66	154.100000	0.244949	155.300000	0.244949
66	presto/tpcds: q67	7152.000000	29.393877	7308.000000	22.768399
67	presto/tpcds: q68	45.930000	0.565332	46.651667	0.370374
68	presto/tpcds: q69	27.741667	0.199842	27.548333	0.177586
69	presto/tpcds: q70	843.300000	14.115948	839.700000	19.344767
70	presto/tpcds: q71	32.011667	1.234835	32.950000	1.727426
71	presto/tpcds: q72	877.500000	6.278535	838.900000	7.752935
72	presto/tpcds: q73	21.965000	0.082644	22.820000	0.106583
73	presto/tpcds: q74	1667.200000	6.525029	1612.300000	4.865799
74	presto/tpcds: q75	1533.900000	22.896899	1517.200000	17.507941
75	presto/tpcds: q76	580.300000	3.486546	576.200000	2.831254
76	presto/tpcds: q77	32.631667	0.305511	32.871667	0.300494
77	presto/tpcds: q78	2980.200000	27.113096	2795.800000	12.503440

	query	base mean	base std.dev	128_buffer_size mean	128_buffer_size std.dev
78	presto/tpcds: q79	148.900000	1.337161	150.000000	1.073313
79	presto/tpcds: q80	460.200000	7.655586	457.400000	8.037910
80	presto/tpcds: q81	203.400000	2.656313	199.200000	2.007984
81	presto/tpcds: q82	304.600000	0.309839	315.200000	0.903327
82	presto/tpcds: q83	8.910000	1.014041	8.856667	0.564754
83	presto/tpcds: q84	80.200000	1.806654	84.800000	0.489898
84	presto/tpcds: q85	210.600000	5.019960	200.800000	3.730952
85	presto/tpcds: q86	168.000000	0.758947	166.300000	0.451664
86	presto/tpcds: q87	962.800000	2.297825	946.000000	2.201817
87	presto/tpcds: q88	2832.200000	10.158740	2963.200000	6.763431
88	presto/tpcds: q89	166.700000	0.244949	168.300000	0.328634
89	presto/tpcds: q90	178.100000	1.714643	187.700000	0.451664
90	presto/tpcds: q91	10.380000	1.181271	10.050000	0.945135
91	presto/tpcds: q92	13.316667	0.450807	13.141667	0.380600
92	presto/tpcds: q93	2616.000000	9.895454	2574.900000	15.092117
93	presto/tpcds: q94	207.400000	0.979796	204.300000	0.827043
94	presto/tpcds: q95	1145.700000	13.388204	1121.600000	7.745967
95	presto/tpcds: q96	332.200000	2.328948	352.000000	0.489898
96	presto/tpcds: q97	1006.400000	3.344249	938.400000	30.718594
97	presto/tpcds: q98	20.663333	0.206559	20.660000	0.699714
98	presto/tpcds: q99	506.700000	0.629285	503.700000	3.029851

TPC-H Comparison (peak Memory)

TPC-DS Comparison (peak Memory)

