

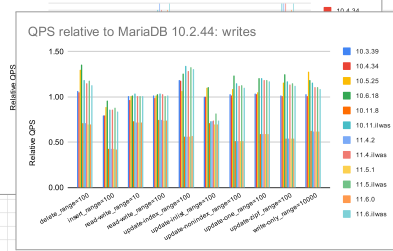
	10.3.39	10.4.34	10.5.25	10.6.18	10.11.8	10.11.ilwas	11.4.2	11.4.ilwas	11.5.1	11.5.ilwas	11.6.0	11.6.ilwas
hot-points_range	1.02	0.98	0.86	0.92	0.97	0.97	0.98	0.96	0.98	0.98	0.97	0.97
point-query_pre_r	0.98	0.97	0.92	0.93	0.93	0.93	0.92	0.92	0.92	0.92	0.91	0.92
point-query_rang	0.98	0.97	0.93	0.93	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.93
points-covered-p	1.01	0.99	0.89	0.93	0.86	0.87	0.86	0.86	0.87	0.87	0.86	0.87
points-covered-pi	1.01	0.99	0.91	0.94	0.88	0.89	0.88	0.87	0.87	0.87	0.87	0.88
points-covered-si	0.99	0.97	0.91	0.97	1.00	1.01	0.96	0.96	0.96	0.97	0.96	0.95
points-covered-si	0.99	0.97	0.91	0.98	1.01	1.01	0.96	0.96	0.97	0.96	0.96	0.96
points-notcovered	1.01	0.99	0.90	0.94	0.87	0.88	0.87	0.87	0.88	0.87	0.87	0.88
points-notcovered	1.01	0.99	0.91	0.95	0.89	0.90	0.88	0.88	0.88	0.88	0.88	0.89
points-notcovered	1.01	1.00	0.94	1.00	0.98	0.98	0.95	0.96	0.96	0.96	0.96	0.96
points-notcovered	1.00	0.99	0.93	0.99	0.97	0.97	0.94	0.94	0.95	0.94	0.94	0.94
random-points_pr	1.00	0.96	0.91	0.92	0.91	0.91	0.91	0.91	0.92	0.91	0.91	0.91
random-points_pr	1.01	0.99	0.90	0.94	0.87	0.88	0.87	0.87	0.88	0.87	0.87	0.88
random-points_pr	1.00	1.00	0.89	0.94	0.87	0.86	0.87	0.87	0.87	0.87	0.87	0.87
random-points_r	0.99	0.95	0.92	0.92	0.91	0.92	0.91	0.91	0.91	0.91	0.91	0.91
random-points_r	1.01	0.99	0.91	0.95	0.89	0.89	0.88	0.88	0.87	0.88	0.88	0.89
random-points_r	1.00	1.00	0.91	0.96	0.89	0.89	0.88	0.88	0.88	0.88	0.88	0.89
range-covered-pl	0.98	0.94	0.94	0.93	0.93	0.95	0.94	0.93	0.94	0.94	0.94	0.94
range-covered-pl	0.98	0.93	0.94	0.93	0.93	0.95	0.93	0.93	0.94	0.94	0.94	0.93
range-covered-si	0.98	0.94	0.92	0.93	0.93	0.94	0.93	0.93	0.93	0.93	0.93	0.92
range-covered-si	0.99	0.95	0.92	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
range-notcovered	0.98	0.93	0.94	0.94	0.94	0.95	0.94	0.95	0.94	0.95	0.94	0.94
range-notcovered	0.98	0.94	0.94	0.94	0.95	0.95	0.94	0.94	0.95	0.94	0.93	0.94
range-notcovered	1.02	1.01	0.91	0.96	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
range-notcovered	1.02	1.01	0.93	0.97	0.88	0.89	0.88	0.87	0.87	0.87	0.88	0.89
scan_range=100	0.97	0.99	1.08	1.15	1.21	1.15	1.16	1.25	1.20	1.19	1.25	1.25
read-only_pre_rar	0.98	0.95	0.92	0.93	0.93	0.93	0.92	0.93	0.92	0.92	0.91	0.92
read-only_pre_rar	0.98	0.95	0.93	0.94	0.93	0.94	0.94	0.94	0.93	0.93	0.93	0.94
read-only_pre_rar	1.02	0.98	1.01	1.01	1.01	1.03	1.04	1.03	1.01	1.00	1.03	1.04
read-only_range	0.98	0.95	0.92	0.93	0.92	0.92	0.92	0.92	0.92	0.92	0.91	0.92
read-only_range	0.98	0.95	0.93	0.94	0.94	0.94	0.94	0.94	0.94	0.93	0.93	0.94
read-only_range	1.02	0.98	1.01	1.02	1.01	1.04	1.04	1.04	1.01	1.00	1.03	1.04
delete_range=10	1.07	1.05	1.30	1.36	0.71	1.19	0.71	1.15	0.70	1.18	0.70	1.13
insert_range=100	0.80	0.80	0.89	0.96	0.43	0.86	0.43	0.86	0.43	0.88	0.42	0.84
read-write_range	1.01	0.97	1.01	1.02	0.73	1.04	0.72	1.01	0.72	1.01	0.72	1.01
read-write_range	1.02	0.99	1.02	1.03	0.75	1.04	0.75	1.03	0.74	1.01	0.74	1.02
update-index_rar	1.19	1.18	1.07	1.26	0.56	1.34	0.56	1.29	0.56	1.33	0.57	1.31
update-intel_ran	1.00	1.00	1.10	1.11	0.71	0.73	0.73	0.74	0.70	0.82	0.70	0.74
update-nonindex	1.03	1.02	1.09	1.24	0.51	1.15	0.51	1.12	0.51	1.13	0.51	1.10
update-one_rang	1.04	1.03	1.05	1.21	0.59	1.21	0.59	1.19	0.59	1.19	0.59	1.17
update-zipf_rang	1.02	1.01	1.16	1.25	0.54	1.17	0.54	1.14	0.54	1.15	0.54	1.12
write-only_range	1.03	1.01	1.28	1.19	0.63	1.16	0.62	1.11	0.62	1.11	0.62	1.09
11.4.2 min												
point-1	0.86	0.98	0.92	0.93								
point-2	0.87	0.91	0.89	0.88								
range-1	0.87	1.18	0.95	0.93								
range-2	0.92	1.04	0.97	0.94								
writes	0.43	0.75	0.62	0.61								
11.4.ilwas min												
point-1	0.86	0.96	0.92	0.93								
point-2	0.87	0.91	0.89	0.88								
range-1	0.87	1.25	0.95	0.93								
range-2	0.92	1.04	0.97	0.94								
writes	0.74	1.29	1.06	1.12								

QPS relative to MariaDB 10.2.44: point queries, part 1

QPS relative to MariaDB 10.2.44: point queries, part 2

QPS relative to MariaDB 10.2.44: range queries, part 1

QPS relative to MariaDB 10.2.44: range queries, part 2



	MariaDB			
hot-points_range	1.27			
point-query.pre_r	1.08			
point-query_rang	1.09			
points-covered-p	1.05			
points-covered-p	1.05			
points-covered-si	1.08			
points-covered-si	1.07			
points-notcovere	1.07			
points-notcovere	1.07			
points-notcovere	1.10			
points-notcovere	1.08			
	MariaDB			
random-points.pr	1.09			
random-points.pr	1.07			
random-points.pr	1.06			
random-points_r	1.08			
random-points_r	1.07			
random-points_r	1.06			
	MariaDB			
range-covered-pl	1.11			
range-covered-pl	1.12			
range-covered-si	1.06			
range-covered-si	1.06			
range-notcoverec	1.16			
range-notcoverec	1.16			
range-notcoverec	1.03			
range-notcoverec	1.04			
scan_range=100	1.35			
	MariaDB			
read-only.pre_rar	1.10			
read-only.pre_rar	1.11			
read-only.pre_rar	1.37			
read-only_range:	1.10			
read-only_range:	1.11			
read-only_range:	1.37			
	MariaDB			
delete_range=10	1.45			
insert_range=100	1.22			
read-write_range	1.22			
read-write_range	1.22			
update-index_rar	2.06			
update-inlist_ran	0.83			

update-nonindex	1.36			
update-one_range	1.47			
update-zipf_range	1.37			
write-only_range	1.44			
MariaDB	min	max	avg	median
point-1	1.05	1.27	1.09	1.08
point-2	1.06	1.09	1.07	1.07
range-1	1.03	1.35	1.12	1.11
range-2	1.10	1.37	1.19	1.11
writes	0.83	2.06	1.36	1.37