Database Test 3 Report

These results are not comparable to TPC Benchmark(TM) H Results.

Summary

- Date: Fri May 27 16:35:36 UTC 2022
- Database Size: 10 GB
- Database Manager: PostgreSQL 14.3
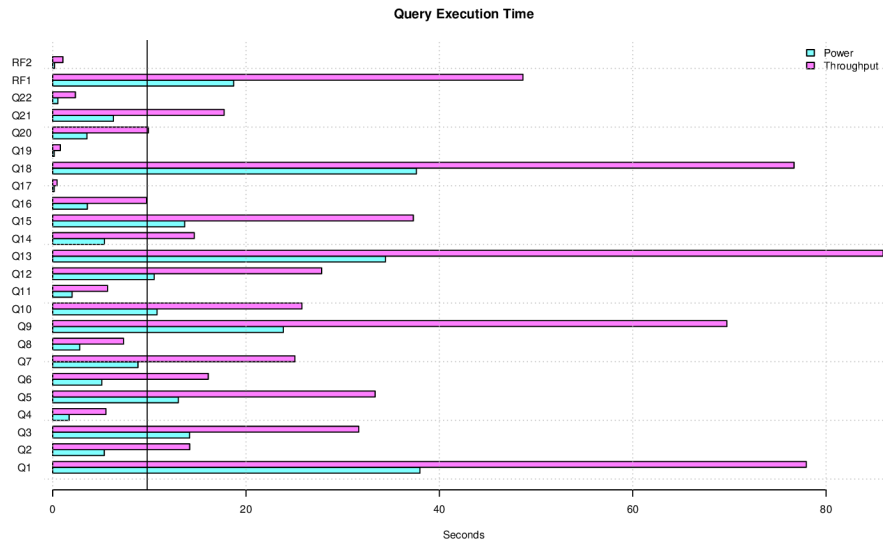- Operating System: 5.15.41-gentoo-x86_64-zbkstdxg5
- Notes:

Metrics

Composite Score	5480.077					
Load Test Time (hours)	.15	CPU	Memory	Blockdev	Network	Swap
Power Test Score	7623.442	CPU	Memory	Blockdev	Network	Swap
Throughput Test Score	3939.33	CPU	Memory	Blockdev	Network	Swap

Query Times

Query Execution Time

Power Test

- Seed: 527162057

Duration (seconds)	Query Start Time Query End Time	RF1 Start Time RF1 End Time	RF2 Start Time RF2 End Time
268.01	2022-05-27 16:21:20.69 2022-05-27 16:25:29.73	2022-05-27 16:21:01.95 2022-05-27 16:21:20.68	2022-05-27 16:25:29.75 2022-05-27 16:25:29.94

Query	Response Time (seconds)		
1	37.99	Plan	Result
2	5.34	Plan	Result
3	14.17	Plan	Result
4	1.70	Plan	Result
5	12.99	Plan	Result
6	5.08	Plan	Result
7	8.82	Plan	Result
8	2.80	Plan	Result
9	23.86	Plan	Result
10	10.79	Plan	Result

Query	Response Time (seconds)	
11	2.01	Plan | Result
12	10.50	Plan | Result
13	34.43	Plan | Result
14	5.36	Plan | Result
15	13.66	Plan | Result
16	3.58	Plan | Result
17	0.15	Plan | Result
18	37.62	Plan | Result
19	0.16	Plan | Result
20	3.55	Plan | Result
21	6.28	Plan | Result
22	0.54	Plan | Result
RF1	18.73	Result
RF2	0.19	Result

Throughput Test

Stream execution summary:

Stream Seed	Duration (seconds)	Query Start Time Query End Time	RF1 Start Time RF1 End Time	RF2 Start Time RF2 End Time
1	595.44	2022-05-27 16:25:57.57	2022-05-27 16:25:34.24	2022-05-27 16:26:24.10
527162058		2022-05-27 16:26:32.85	2022-05-27 16:26:24.02	2022-05-27 16:26:25.07
2	599.77	2022-05-27 16:25:34.47	2022-05-27 16:26:25.26	2022-05-27 16:27:11.61
527162059		2022-05-27 16:25:49.87	2022-05-27 16:27:11.51	2022-05-27 16:27:12.62
3	601.87	2022-05-27 16:25:34.47	2022-05-27 16:27:12.77	2022-05-27 16:28:02.76
527162060		2022-05-27 16:25:42.45	2022-05-27 16:28:02.69	2022-05-27 16:28:03.95

Query execution duration (seconds) (Click **P** for plans and **R** for results):

Stream	Q1	Q2	Q3	Q4	Q5	Q6	Q7
1	76.15 P R	13.59 P R	35.28 P R	4.70 P R	31.25 P R	15.54 P R	28.15 P R
2	72.05 P R	15.15 P R	34.34 P R	5.10 P R	30.89 P R	15.40 P R	20.49 P R

Stream	Q1	Q2	Q3	Q4	Q5	Q6	Q7
3	85.65 P R	13.78 P R	25.35 P R	6.72 P R	37.93 P R	17.33 P R	26.53 P R
Min	72.05	13.59	25.35	4.70	30.89	15.40	20.49
Max	85.65	15.15	35.28	6.72	37.93	17.33	28.15
Avg	77.95	14.17	31.66	5.51	33.36	16.09	25.06

Stream	Q8	Q9	Q10	Q11	Q12	Q13	Q14
1	7.51 P R	58.20 P R	21.87 P R	4.82 P R	27.06 P R	77.92 P R	14.54 P R
2	6.48 P R	94.37 P R	31.67 P R	5.71 P R	25.07 P R	76.69 P R	15.88 P R
3	7.98 P R	56.65 P R	23.82 P R	6.51 P R	31.33 P R	103.12 P R	13.52 P R
Min	6.48	56.65	21.87	4.82	25.07	76.69	13.52
Max	7.98	94.37	31.67	6.51	31.33	103.12	15.88
Avg	7.32	69.74	25.79	5.68	27.82	85.91	14.65

Stream	Q15	Q16	Q17	Q18	Q19	Q20	Q21
1	34.67 P R	7.83 P R	0.40 P R	94.47 P R	0.60 P R	10.78 P R	22.92 P R
2	46.00 P R	11.41 P R	0.28 P R	63.96 P R	0.78 P R	7.73 P R	15.05 P R
3	31.25 P R	9.87 P R	0.69 P R	71.64 P R	1.00 P R	11.18 P R	15.22 P R
Min	31.25	7.83	0.28	63.96	0.60	7.73	15.05
Max	46.00	11.41	0.69	94.47	1.00	11.18	22.92
Avg	37.30	9.71	0.46	76.69	0.79	9.90	17.73

Stream	Q22	RF1	RF2
1	3.14 P R	49.78 R	0.97 R
2	1.86 P R	46.25 R	1.01 R
3	2.04 P R	49.92 R	1.19 R
Min	1.86	46.25	0.97
Max	3.14	49.92	1.19
Avg	2.35	48.65	1.06

PostgreSQL Report

Load Test

- Database Settings
- Per Process Statistics: autovacum bgwriter checkpointer logger logical statscollector walwriter

Power Test

- Database Settings
- Per Process Statistics: autovacum bgwriter checkpointer logger logical statscollector walwriter

Throughput Test

- Database Settings
- Per Process Statistics: autovacum bgwriter checkpointer logger logical statscollector walwriter