

Database Test 3 Report

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

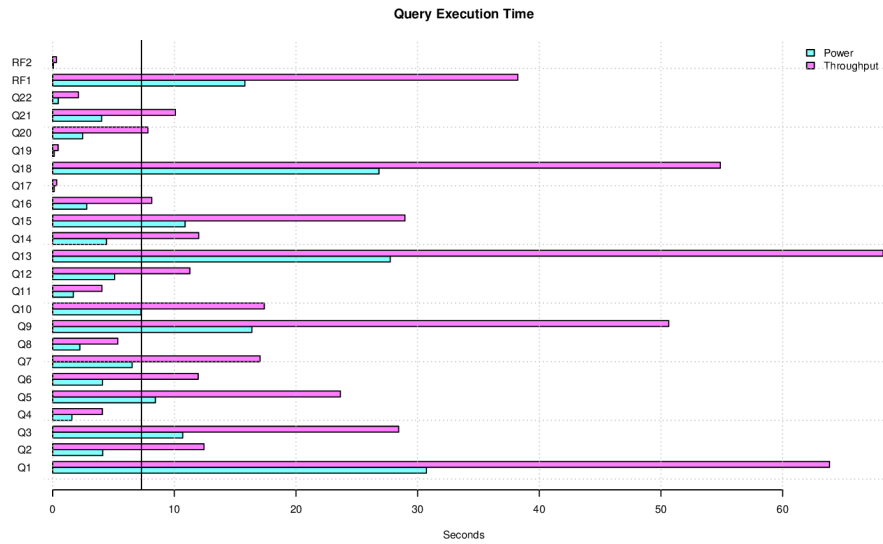
Summary

- Date: Thu May 26 01:23:11 UTC 2022
- Database Size: 10 GB
- Database Manager: PostgreSQL 14.3
- Operating System: 5.15.41-gentoo-x86_64-zbkstdxg5
- Notes:

Metrics

Composite	7432.09				
Score					
Load	.13	CPU	Memory	Blockdev	Network Swap
Test					
Time					
(hours)					
Power	10530.24	CPU	Memory	Blockdev	Network Swap
Test					
Score					
Throughput	5245.47	CPU	Memory	Blockdev	Network Swap
Test					
Score					

Query Times



Power Test

- Seed: 526011208

Duration (seconds)	Query Start Time	RF1 Start Time	RF2 Start Time
	Query End Time	RF1 End Time	RF2 End Time
203.82	2022-05-26	2022-05-26	2022-05-26
	01:12:28.88	01:12:13.07	01:15:36.81
	2022-05-26	2022-05-26	2022-05-26
	01:15:35.44	01:12:28.86	01:15:36.86

Query Response Time (seconds)

1	30.72	Plan	Result
2	4.12	Plan	Result
3	10.69	Plan	Result
4	1.58	Plan	Result
5	8.44	Plan	Result
6	4.09	Plan	Result
7	6.53	Plan	Result
8	2.23	Plan	Result
9	16.38	Plan	Result
10	7.25	Plan	Result

Query Response Time (seconds)			
11	1.70	Plan	Result
12	5.08	Plan	Result
13	27.74	Plan	Result
14	4.43	Plan	Result
15	10.88	Plan	Result
16	2.80	Plan	Result
17	0.12	Plan	Result
18	26.82	Plan	Result
19	0.12	Plan	Result
20	2.46	Plan	Result
21	4.03	Plan	Result
22	0.46	Plan	Result
RF1	15.80	Result	
RF2	0.06	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	450.69	2022-05-26 01:15:52.71	2022-05-26 01:15:38.96	2022-05-26 01:16:15.65
526011209		2022-05-26 01:16:18.83	2022-05-26 01:16:15.62	2022-05-26 01:16:15.97
2	451.64	2022-05-26 01:15:39.22	2022-05-26 01:16:16.17	2022-05-26 01:16:54.58
526011210		2022-05-26 01:15:50.50	2022-05-26 01:16:54.49	2022-05-26 01:16:54.90
3	443.95	2022-05-26 01:15:39.21	2022-05-26 01:16:55.09	2022-05-26 01:17:34.88
526011211		2022-05-26 01:15:44.80	2022-05-26 01:17:34.80	2022-05-26 01:17:35.15

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

Stream	Q1	Q2	Q3	Q4	Q5	Q6	Q7
1	62.37 P R	10.33 P R	26.12 P R	2.62 P R	26.62 P R	11.34 P R	18.03 P R
2	58.89 P R	15.62 P R	29.01 P R	4.52 P R	20.38 P R	11.27 P R	14.78 P R

Stream	Q1	Q2	Q3	Q4	Q5	Q6	Q7
3	70.31 P R	11.36 P R	30.19 P R	5.11 P R	23.96 P R	13.26 P R	18.33 P R
Min	58.89	10.33	26.12	2.62	20.38	11.27	14.78
Max	70.31	15.62	30.19	5.11	26.62	13.26	18.33
Avg	63.85	12.44	28.44	4.08	23.66	11.96	17.04

Stream	Q8	Q9	Q10	Q11	Q12	Q13	Q14
1	5.93 P R	46.23 P R	14.44 P R	4.36 P R	12.10 P R	62.93 P R	12.39 P R
2	4.52 P R	68.01 P R	22.90 P R	3.65 P R	12.25 P R	62.08 P R	13.31 P R
3	5.58 P R	37.68 P R	14.84 P R	4.16 P R	9.48 P R	79.79 P R	10.31 P R
Min	4.52	37.68	14.44	3.65	9.48	62.08	10.31
Max	5.93	68.01	22.90	4.36	12.25	79.79	13.31
Avg	5.35	50.64	17.39	4.05	11.28	68.27	12.00

Stream	Q15	Q16	Q17	Q18	Q19	Q20	Q21
1	27.49 P R	7.32 P R	0.31 P R	70.11 P R	0.38 P R	7.61 P R	13.38 P R
2	33.42 P R	8.87 P R	0.32 P R	46.48 P R	0.61 P R	8.22 P R	6.43 P R
3	25.95 P R	8.24 P R	0.38 P R	48.05 P R	0.34 P R	7.67 P R	10.45 P R
Min	25.95	7.32	0.31	46.48	0.34	7.61	6.43
Max	33.42	8.87	0.38	70.11	0.61	8.22	13.38
Avg	28.96	8.14	0.34	54.88	0.44	7.84	10.09

Stream	Q22	RF1	RF2
1	3.20 P R	36.67 R	0.32 R
2	1.52 P R	38.32 R	0.32 R
3	1.62 P R	39.71 R	0.28 R
Min	1.52	36.67	0.28
Max	3.20	39.71	0.32
Avg	2.12	38.23	0.31

PostgreSQL Report

Load Test

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

Power Test

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

Throughput Test

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