Issuer and Verifier Postgres Metrics

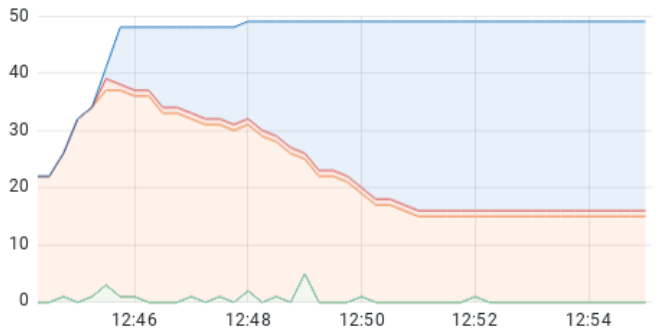
Performance metrics for Postgres (based on: https://grafana.com/grafana/dashboards/6742 and https://grafana.com/grafana/dashboards/455)

Thu Mar 3 12:44:17 UTC 2022
to
Thu Mar 3 12:55:06 UTC 2022

Version	Max Conne…	Shared Buffers	Effective Cache	Maintenance Wor…	Work Mem	Max WAL S…
13.1.0	100	128 MiB	4 GiB	64 MiB	4 MiB	1.0 GiB

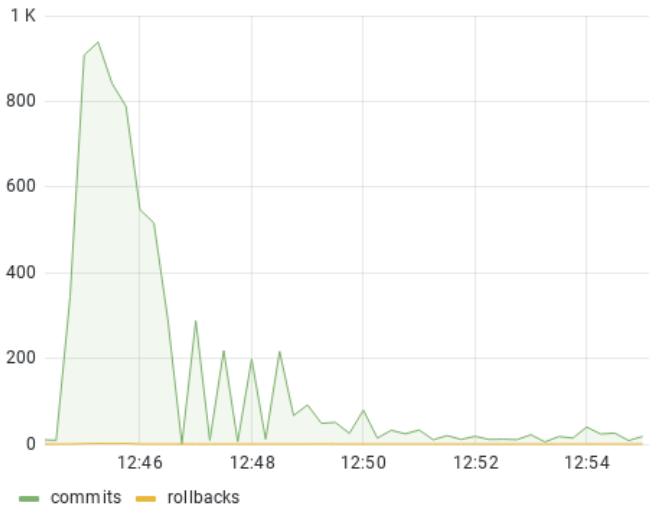
Random P…	Seq Page C…	Max Worker Proc…	Max Parallel Wor…
4	1	8	8

Connections

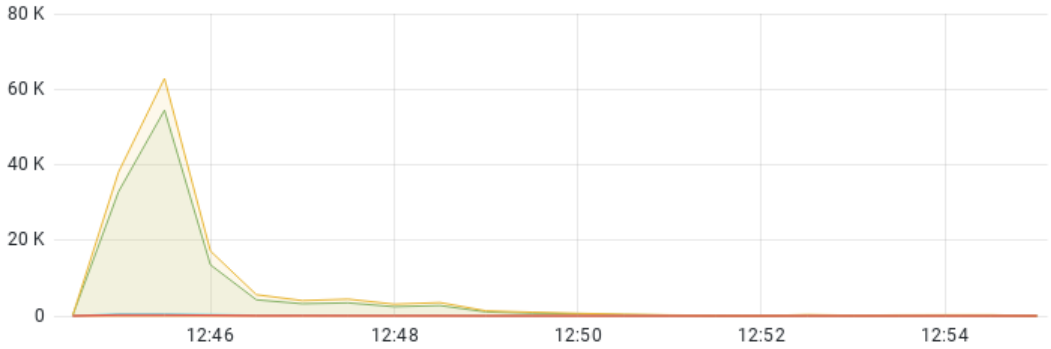


	min	max	avg	current
active	0	5	0.432	0
idle	14	36	22.3	15
idle in transaction	0	2	0.909	1
idle in transaction (aborted)	0	33	22.5	33

Transactions (per Minute)

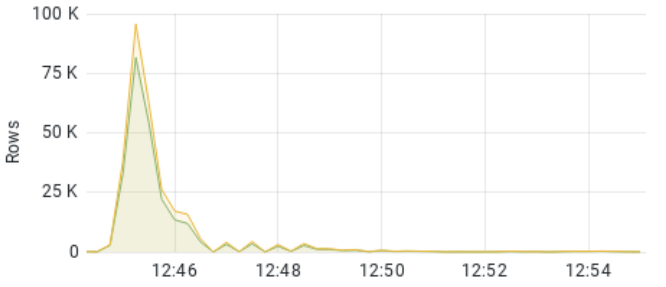


Rows (per Minute)



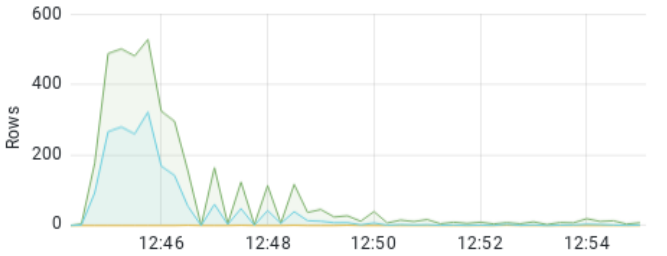
	min	max	avg
fetched	31.9	54.4 K	5.48 K
returned	33.8	62.9 K	6.55 K
inserted	4.80	487	100
updated	0	0.867	0.197
deleted	1.53	266	45.2

Read Stats (per Minute)



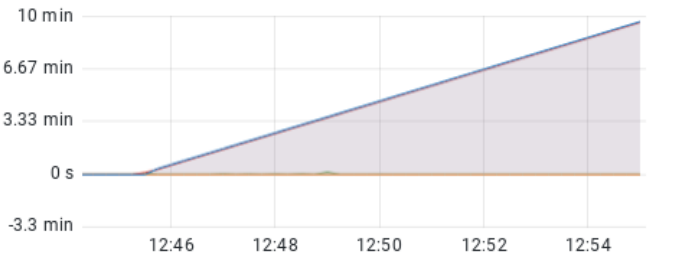
	min	max	avg	current
SELECT (index scan)	0	81.6 K	5.52 K	31.9
SELECT (table scan)	0	95.6 K	6.57 K	33.8

Change Stats (per Minute)



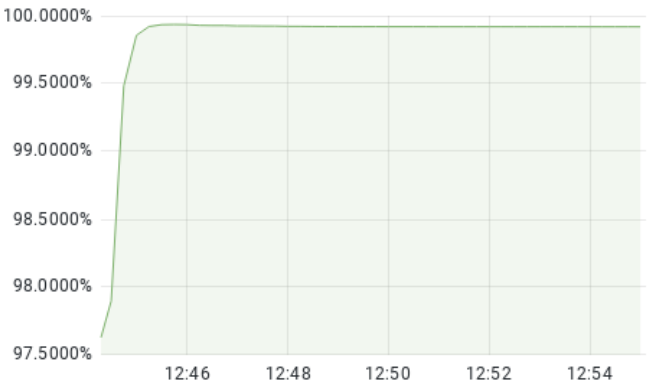
	min	max	avg	current
INSERT	0	527	87.9	8.20
UPDATE	0	0.867	0.0985	0
DELETE	0	322	42.7	1.53

Longest Transaction

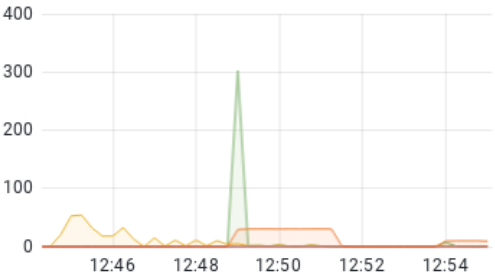


	min	max	av
max_tx_duration [active]	-1.1 ms	9.71 s	531
max_tx_duration [idle in transaction]	0 s	9.58 min	4.28 n
max_tx_duration [idle in transaction (aborted)]	0 s	9.64 min	4.33 n

Cache Hit Rate

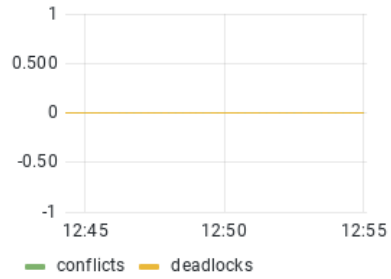


Buffers - bgwriter (per Minute)

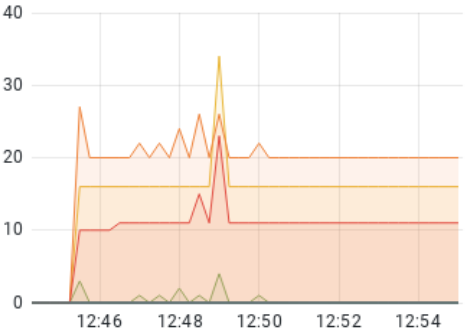


	min	max	avg	current
buffers_backend	0	302	7.38	1.07
buffers_alloc	0	54.1	7.37	1.07
backend_fsync	0	0	0	0
buffers_checkpoint	0	30.3	7.99	9.47
buffers_clean	0	0	0	0

Conflicts/Deadlocks (per Minute)

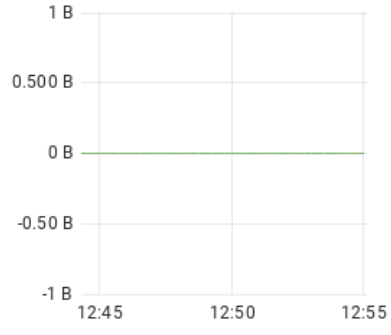


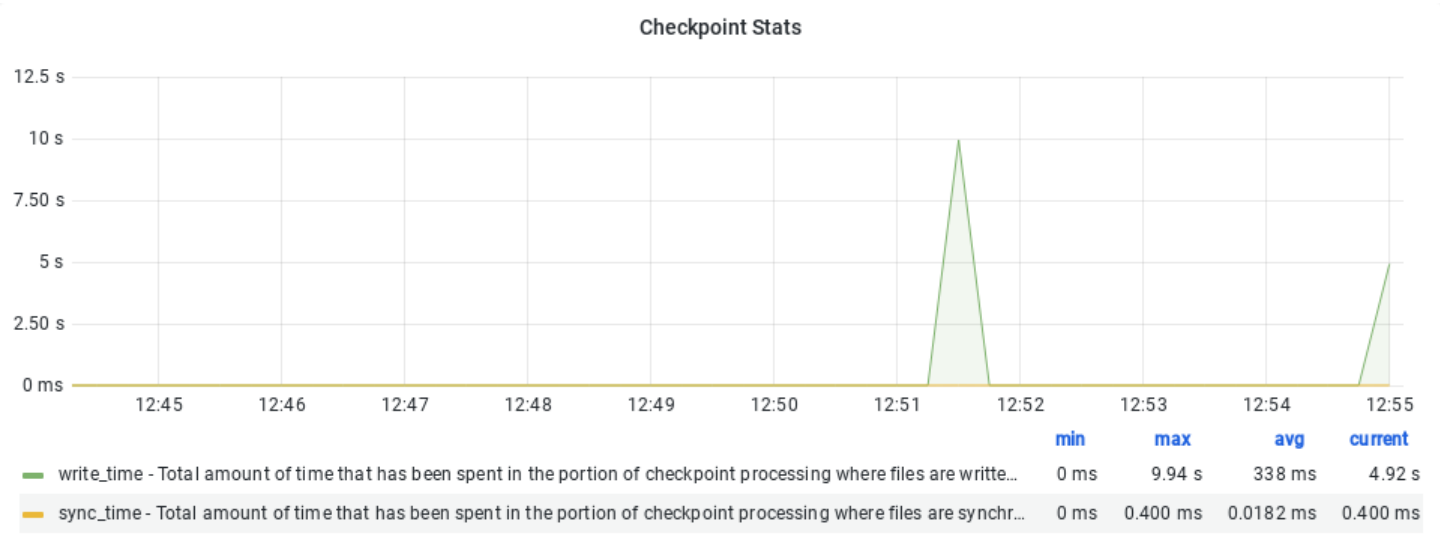
Lock Tables



	min	max	avg	current
accessexclusivelock	0	4	0	0
accesssharelock	0	34	15	16
exclusivelock	0	0	0	0
rowexclusivelock	0	27	18	20
rowsharelock	0	23	10	11
sharelock	0	0	0	0
sharerowexclusivelock	0	0	0	0
shareupdateexclusivelock	0	0	0	0

Temp File




Checkpoint Stats
12.5 s
10 s
7.50 s
5 s
2.50 s
0 ms
12:45
12:46
12:47
12:48
12:49
12:50
12:51
12:52
12:53
12:54
12:55
min
max
avg
current
write_time - Total amount of time that has been spent in the portion of checkpoint processing where files are writte...
0 ms
9.94 s
338 ms
4.92 s
sync_time - Total amount of time that has been spent in the portion of checkpoint processing where files are synchr...
0 ms
0.400 ms
0.0182 ms
0.400 ms