# Issuer and Verifier Postgres Metrics

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

Tue Mar 8 05:48:42 UTC 2022
to
Tue Mar 8 06:01:40 UTC 2022

Version	Max Conne…	Shared Buffers	Effective Cache	Maintenance Wor…	Work Mem	Max WAL S…
13.6.0	**100**	**128** MiB	**4** GiB	**64** MiB	**4** MiB	**1.0** GiB
13.6.0						
13.6.0						

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

Connections

	min	max	avg	current
idle	20	20	20	20
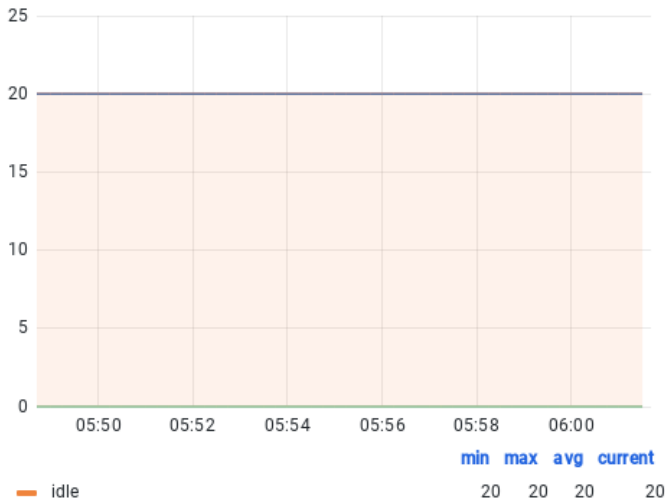
Transactions (per Minute)

commits — rollbacks

Rows (per Minute)

		min	max	avg
fetched		0	605	157
returned		0	605	198
inserted		0	31.7	12.3
updated		0	0.867	0.225
deleted		0	1.53	0.398

Read Stats (per Minute)

	min	max	avg	current
SELECT (index scan)	0	1.06 K	148	0
SELECT (table scan)	0	1.06 K	169	0

Change Stats (per Minute)

	min	max	avg	current
INSERT	0	31.7	12.4	0
UPDATE	0	0.867	0.114	0
DELETE	0	1.53	0.209	0
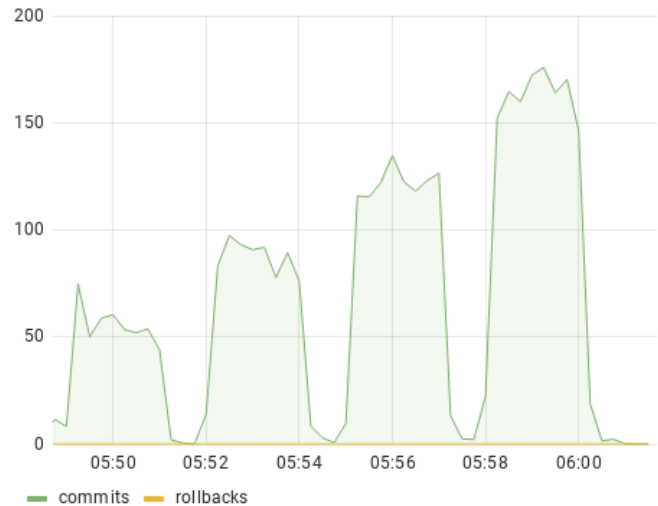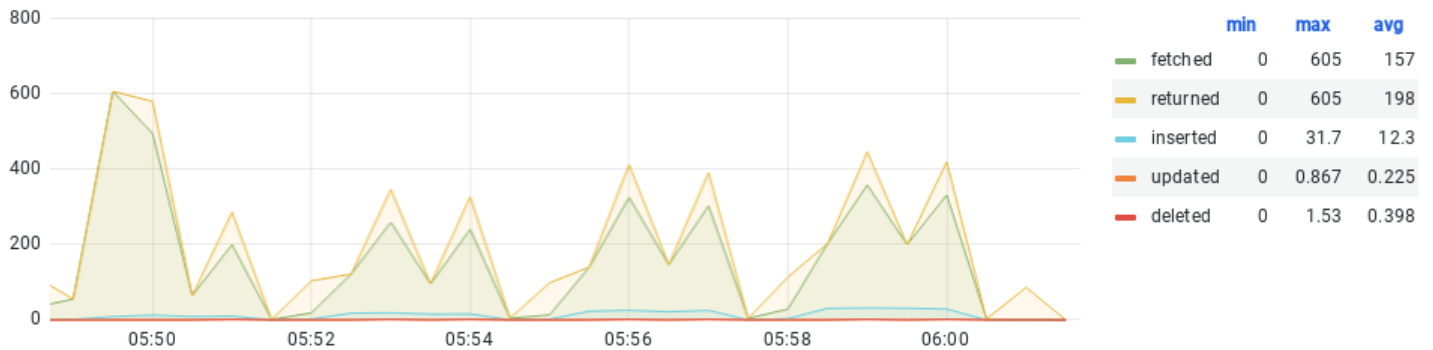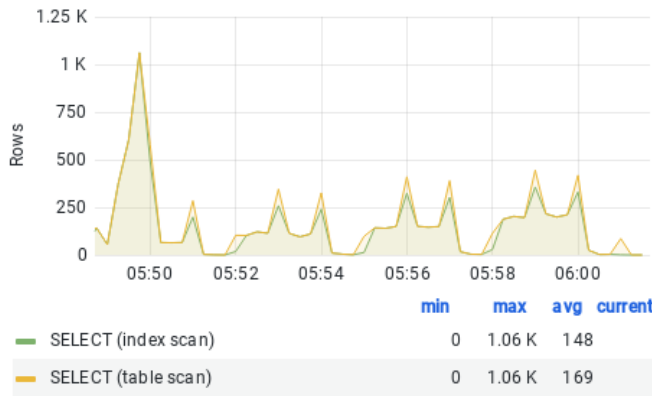
Longest Transaction

min	max	avg	current
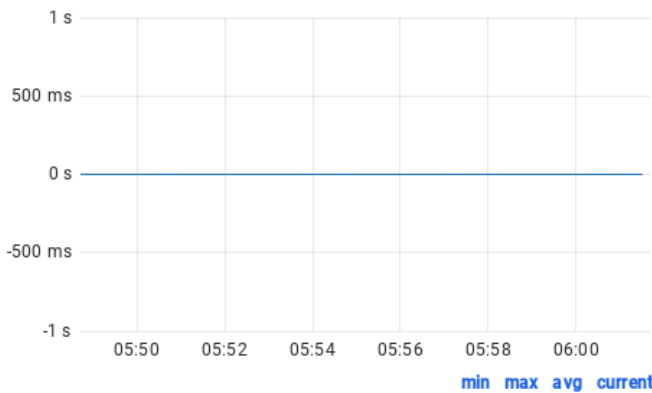
Cache Hit Rate
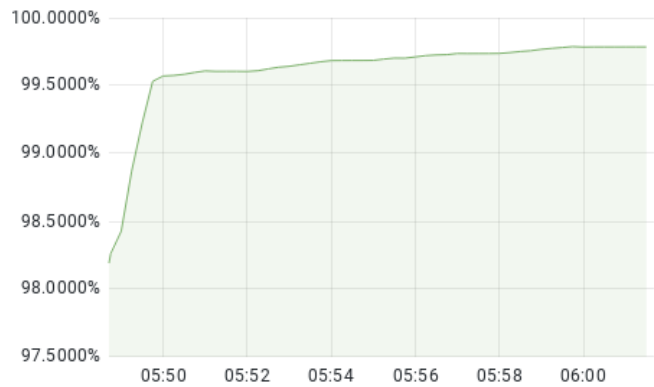
Buffers - bgwriter (per Minute)

	min	max	avg	current
buffers_backend	0	147	6.93	0
buffers_alloc	0	50.7	8.01	0
backend_fsync	0	0	0	0
buffers_checkpoint	0	21.7	7.24	0
buffers_clean	0	0	0	0
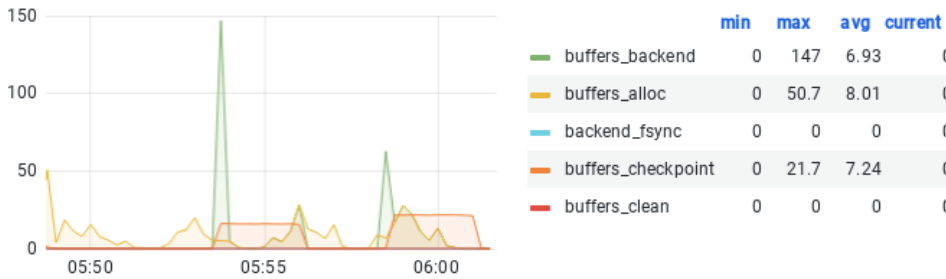
Conflicts/Deadlocks (per Minute)

conflicts   deadlocks

Lock Tables

	min	max	avg	current
accessexclusivelock	0	0	0	0
accesssharelock	0	0	0	0
exclusivelock	0	0	0	0
rowexclusivelock	0	4	0	0
rowsharelock	0	4	0	0
sharelock	0	0	0	0
sharerowexclusivelock	0	0	0	0
shareupdateexclusivelock	0	0	0	0
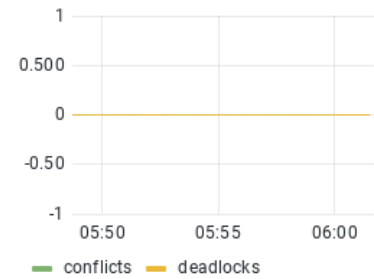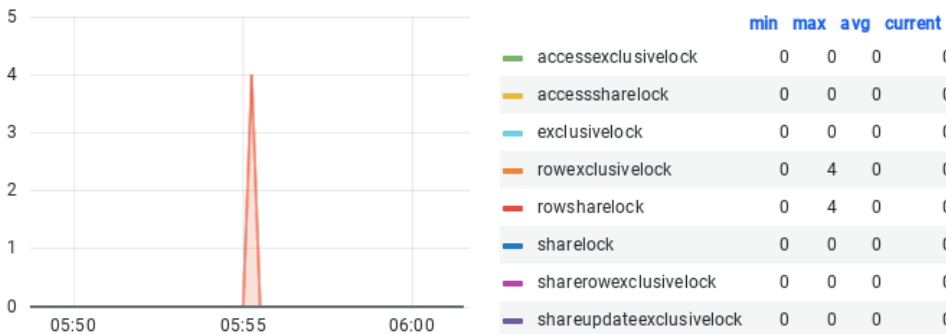
Temp File

Checkpoint Stats

	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	9.99 s	376 ms	0 ms
sync_time - Total amount of time that has been spent in the portion of checkpoint processing where files are synchr…	0 ms	5.87 ms	0.224 ms	0 ms