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 Apr 21 05:08:21 UTC 2022
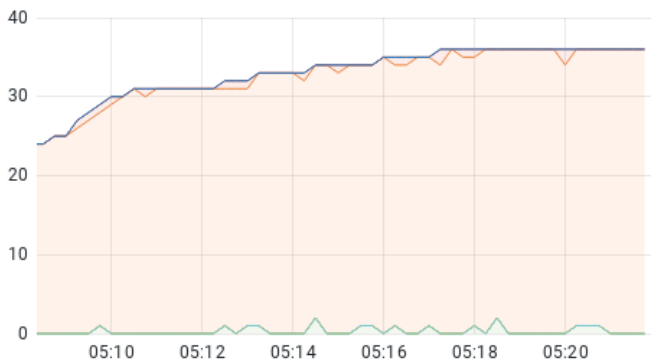to
Thu Apr 21 05:21:53 UTC 2022

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	2	0.291	0
idle	24	36	32.4	36
idle in transaction	0	2	0.327	0

Transactions (per Minute)
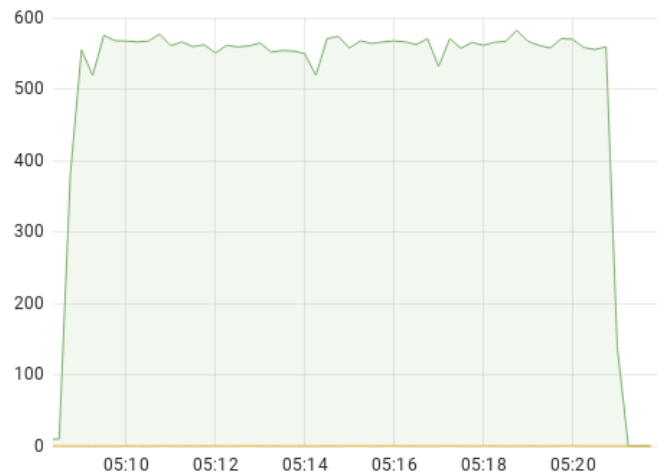
commits — rollbacks

Rows (per Minute)
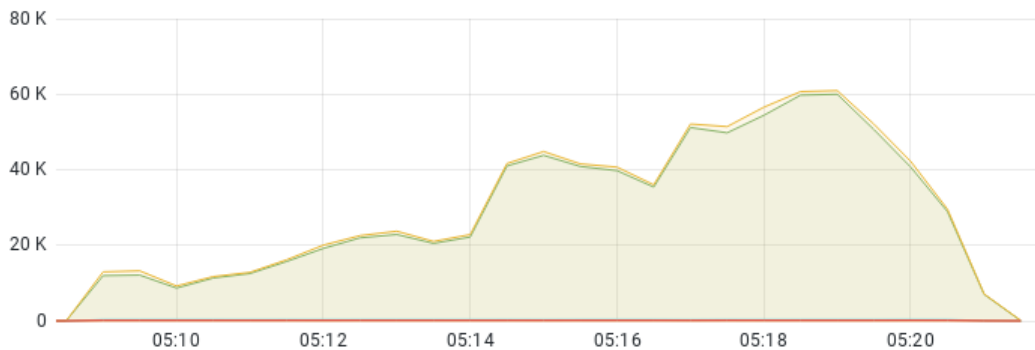
	min	max	avg
fetched	1.87	60.0 K	27.9 K
returned	2	61.0 K	28.7 K
inserted	0	324	270
updated	0	33.1	27.6
deleted	0	187	154

Read Stats (per Minute)

	min	max	avg	current
SELECT (index scan)	0	61.9 K	29.0 K	0
SELECT (table scan)	0	62.6 K	29.9 K	0

Change Stats (per Minute)

	min	max	avg	current
INSERT	0	324	276	0
UPDATE	0	33.1	28.2	0
DELETE	0	187	157	0

Longest Transaction

	min	max	avg	current
max_tx_duration [active]	-1.2 ms	13.8 ms	341 µs	0 s
max_tx_duration [idle in transaction]	-101 µs	13.3 ms	1.66 ms	0 s
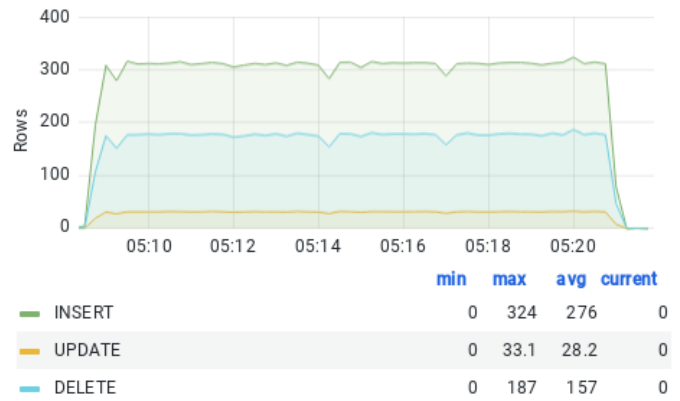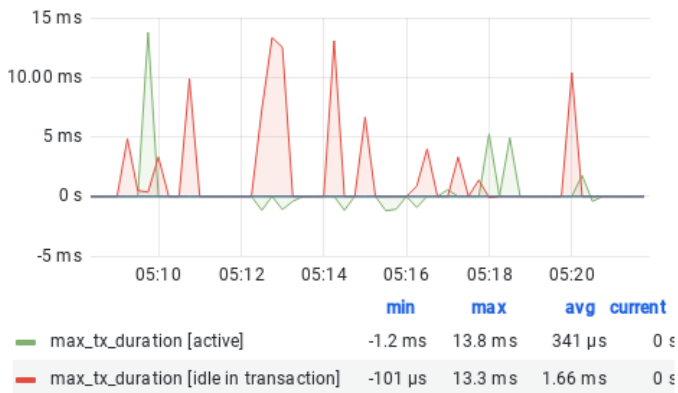
Cache Hit Rate
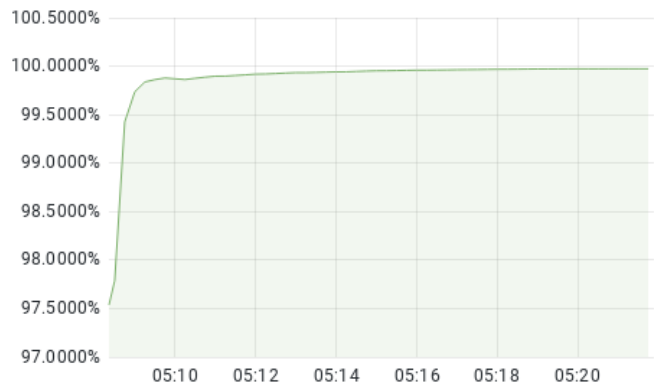
Buffers - bgwriter (per Minute)

	min	max	avg	current
buffers_backend	0	305	12.2	0
buffers_alloc	0	37.9	12.6	0
backend_fsync	0	0	0	0
buffers_checkpoint	0	40	12.9	0
buffers_clean	0	0	0	0
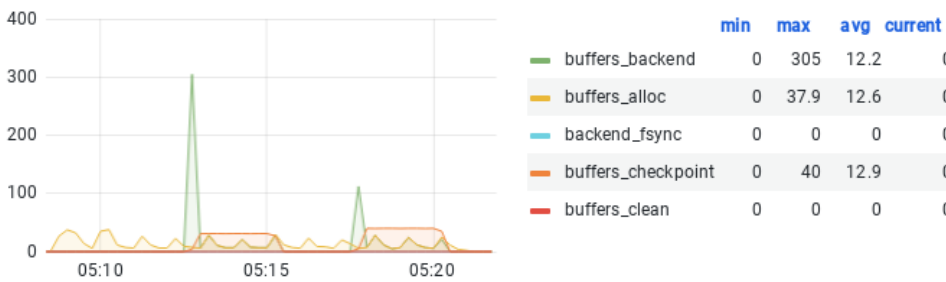
Conflicts/Deadlocks (per Minute)

conflicts   deadlocks

Lock Tables

	min	max	avg	current
accessexclusivelock	0	0	0	0
accesssharelock	0	10	2	0
exclusivelock	0	0	0	0
rowexclusivelock	0	13	1	0
rowsharelock	0	6	1	0
sharelock	0	0	0	0
sharerowexclusivelock	0	0	0	0
shareupdateexclusivelock	0	0	0	0
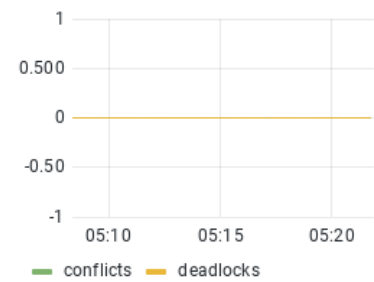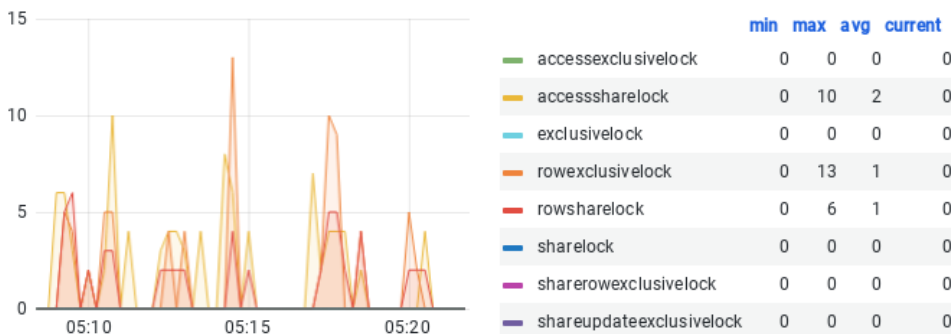
Temp File

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	10.00 s	363 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	3.07 ms	0.0861 ms	0 ms