Issuer and Verifier Postgres Metrics

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

Mon Apr 25 09:57:11 UTC 2022
to
Mon Apr 25 10:06:51 UTC 2022

Version	Max Conne...	Shared Buffers	Effective Cache	Maintenance Wor...	Work Mem	Max WAL S...
13.1.0	350	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
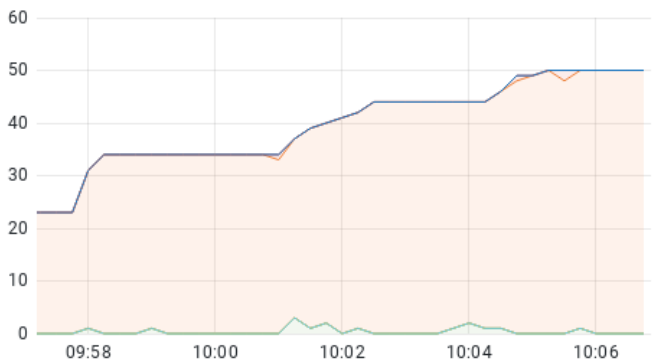
	min	max	avg	current
active	0	3	0.375	0
idle	23	50	38.9	50
idle in transaction	0	2	0.100	0

Transactions (per Minute)
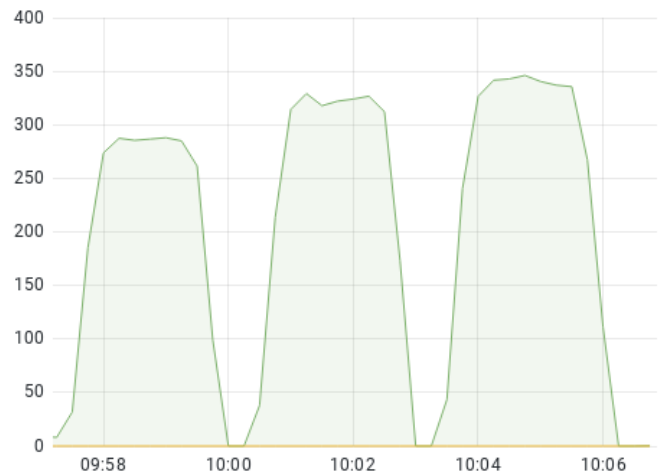
commits   rollbacks

Rows (per Minute)
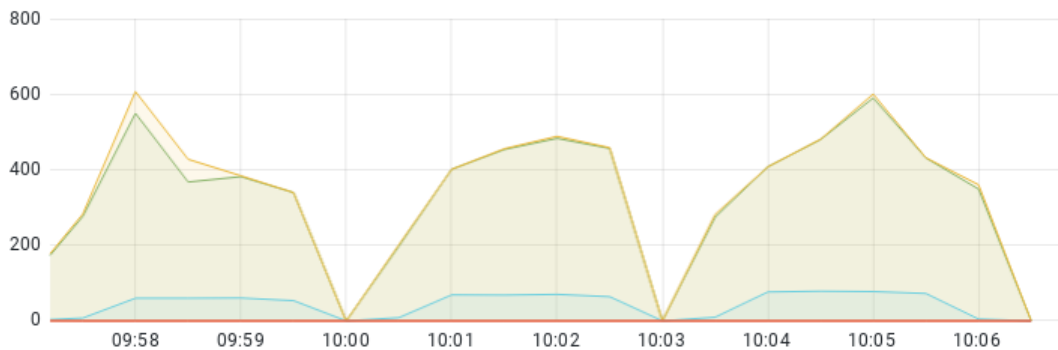
	min	max	avg
fetched	0	590	327
returned	0	607	336
inserted	0	78.7	42.1
updated	0	0.333	0.0167
deleted	0	0.400	0.0200

Read Stats (per Minute)

	min	max	avg	current
▬ SELECT (index scan)	0	5.10 K	450	2.47
▬ SELECT (table scan)	0	5.23 K	480	87.3

Change Stats (per Minute)

	min	max	avg	current
▬ INSERT	0	78.7	42.3	0
▬ UPDATE	0	0.867	0.138	0
▬ DELETE	0	1.53	0.240	0

Longest Transaction

	min	max	avg	current
▬ max_tx_duration [active]	-21 ms	52.1 ms	7.18 ms	0 s
▬ max_tx_duration [idle in transaction]	0 s	19.0 ms	884 µs	0 s
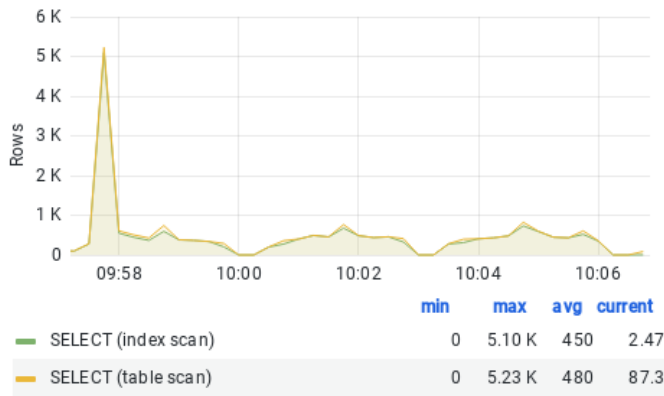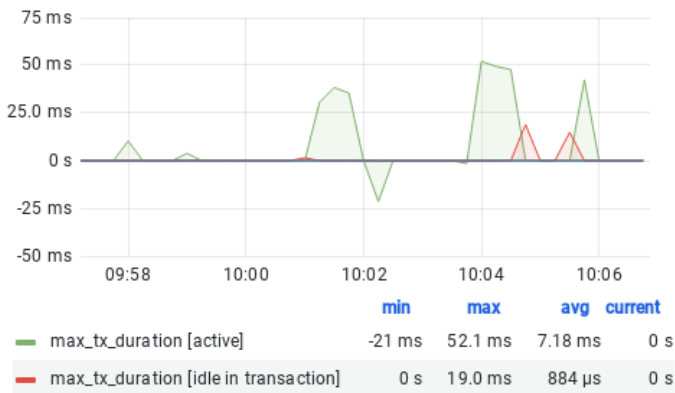
Cache Hit Rate
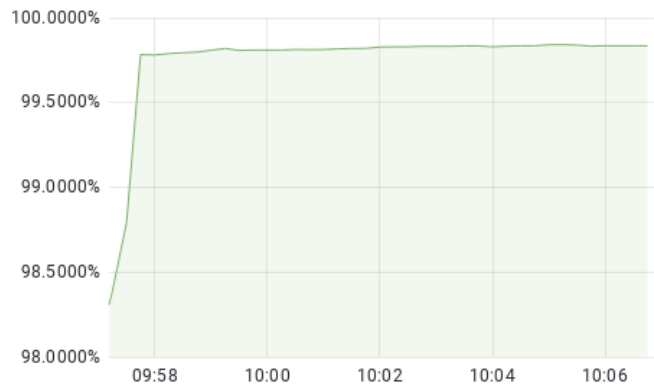
Buffers - bgwriter (per Minute)

	min	max	avg	current
▬ buffers_backend	0	546	22.0	0
▬ buffers_alloc	0	80.7	30.1	0.200
▬ backend_fsync	0	0	0	0
▬ buffers_checkpoint	0	68.9	17.3	0
▬ buffers_clean	0	80.3	4.79	0.533
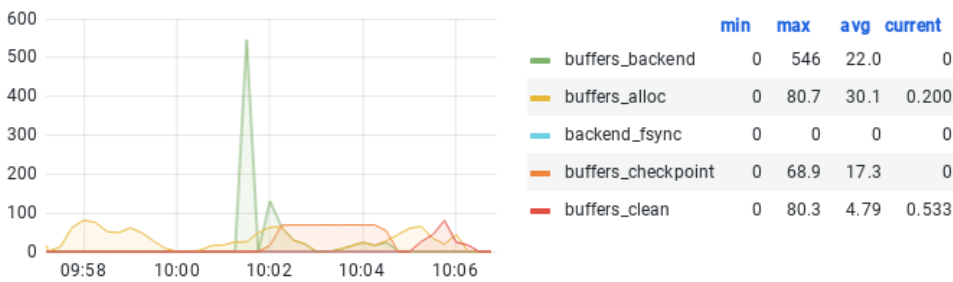
Conflicts/Deadlocks (per Minute)

▬ conflicts   ▬ deadlocks

Lock Tables

	min	max	avg	current
▬ accessexclusivelock	0	0	0	0
▬ accesssharelock	0	8	0	0
▬ exclusivelock	0	0	0	0
▬ rowexclusivelock	0	8	1	0
▬ rowsharelock	0	10	1	0
▬ sharelock	0	0	0	0
▬ sharerowexclusivelock	0	0	0	0
▬ shareupdateexclusivelock	0	0	0	0
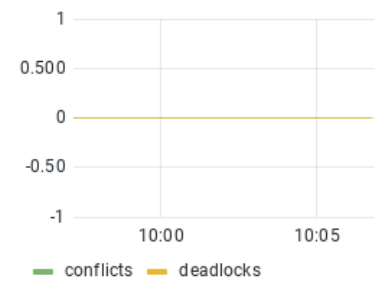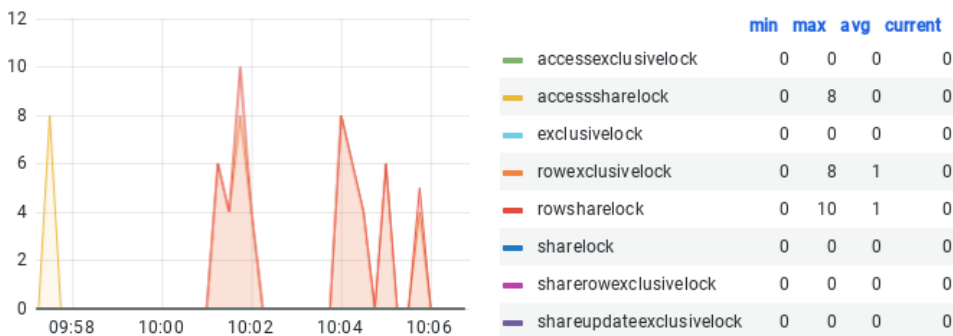
Temp File

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	9.93 s	248 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	141 ms	3.53 ms	0 ms