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 22 10:39:47 UTC 2022
to
Tue Mar 22 10:58:06 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
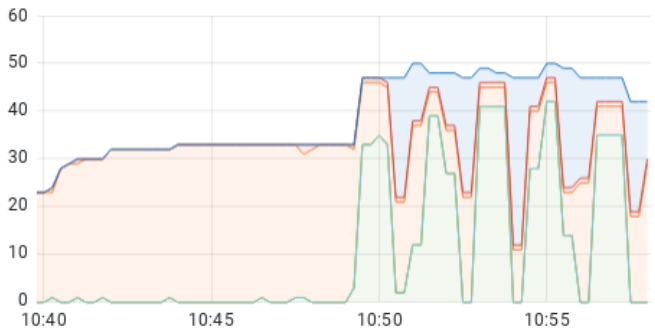
	min	max	avg	current
active	0	42	10.5	0
idle	4	33	22.3	29
idle in transaction	0	2	0.554	1
idle in transaction (aborted)	0	35	5.66	12

Transactions (per Minute)
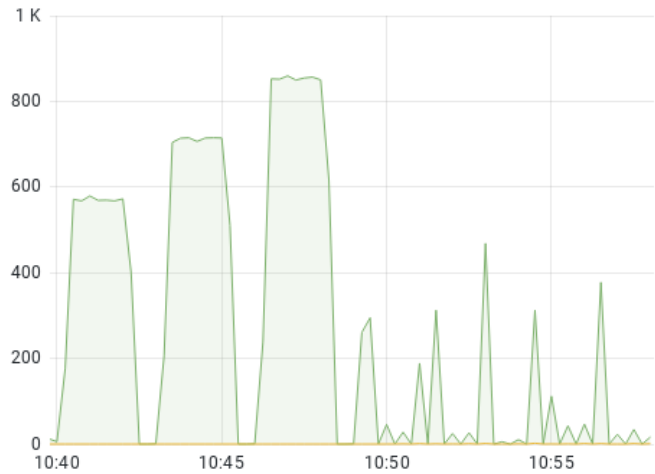
commits — rollbacks

Rows (per Minute)
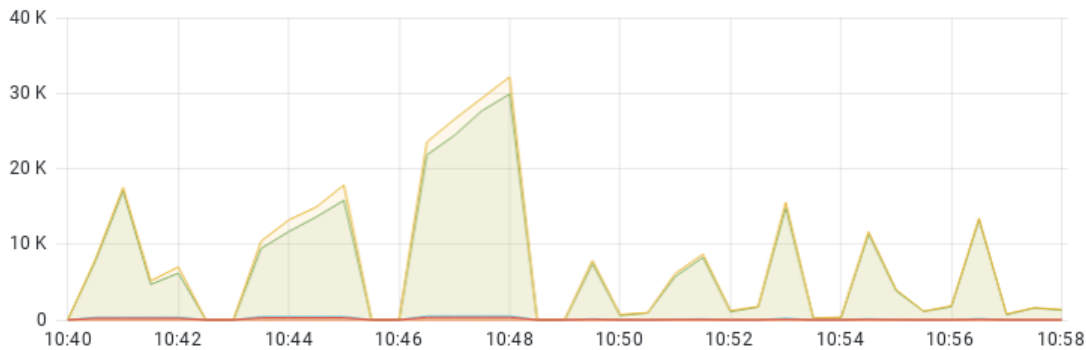
	min	max	avg
fetched	0	29.9 K	7.19 K
returned	0	32.2 K	7.72 K
inserted	0	537	172
updated	0	0.867	0.258
deleted	0	345	99.4

Read Stats (per Minute)

Rows

	min	max	avg	current
SELECT (index scan)	0	29.9 K	6.32 K	1.26 K
SELECT (table scan)	0	32.2 K	6.78 K	1.38 K

Change Stats (per Minute)

Rows

	min	max	avg	current
INSERT	0	537	159	7.27
UPDATE	0	0.867	0.129	0
DELETE	0	345	95.7	2.87

Longest Transaction

	min	max	avg	curr
max_tx_duration [active]	-1.3 ms	59.6 s	13.2 s	
max_tx_duration [idle in transaction]	-1.4 ms	8.80 min	2.15 min	8.80
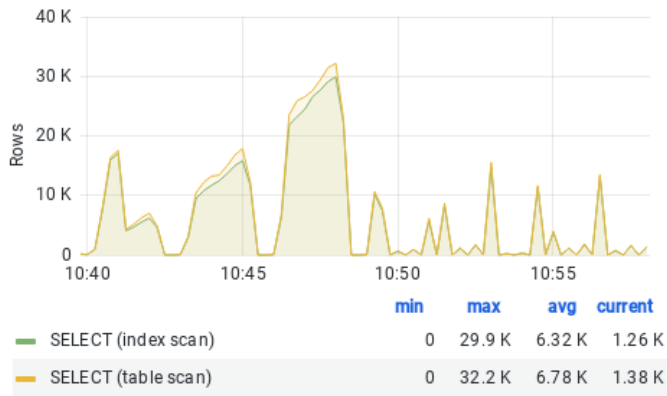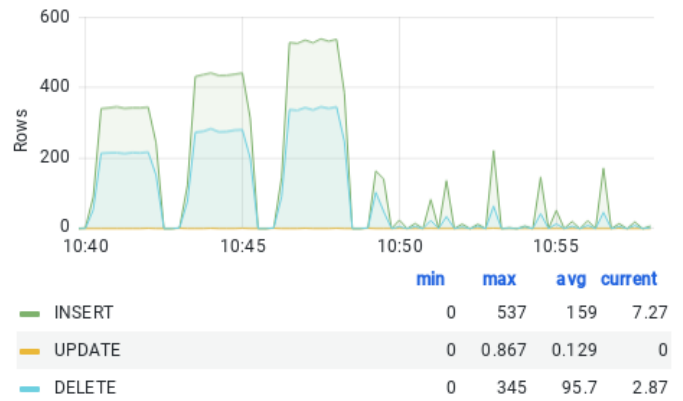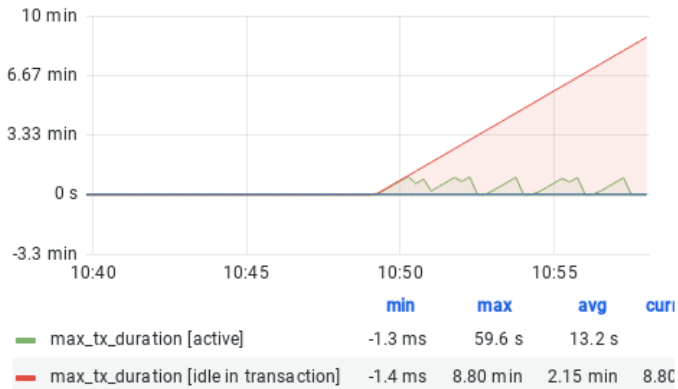
Cache Hit Rate
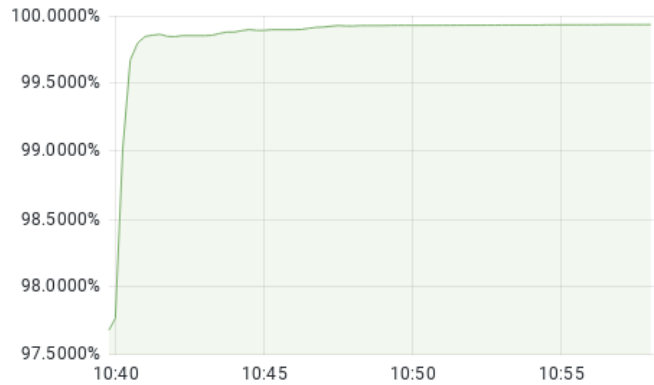
Buffers - bgwriter (per Minute)

	min	max	avg	current
buffers_backend	0	273	8.15	0
buffers_alloc	0	61.7	8.16	0.0667
backend_fsync	0	0	0	0
buffers_checkpoint	0	44.7	11.5	0
buffers_clean	0	0	0	0
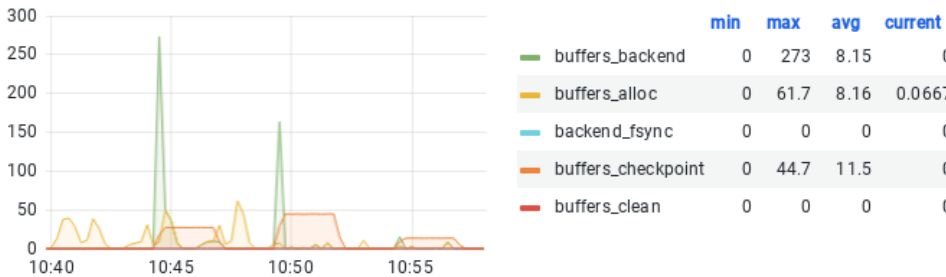
Conflicts/Deadlocks (per Minute)

conflicts   deadlocks

Lock Tables

	min	max	avg	current
accessexclusivelock	0	42	10	0
accesssharelock	0	278	65	8
exclusivelock	0	0	0	0
rowexclusivelock	0	22	7	10
rowsharelock	0	119	29	5
sharelock	0	0	0	0
sharerowexclusivelock	0	0	0	0
shareupdateexclusivelock	0	0	0	0
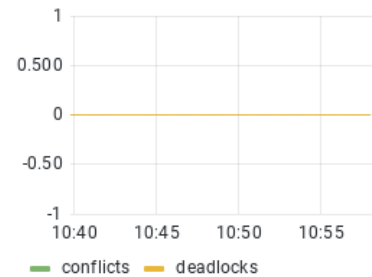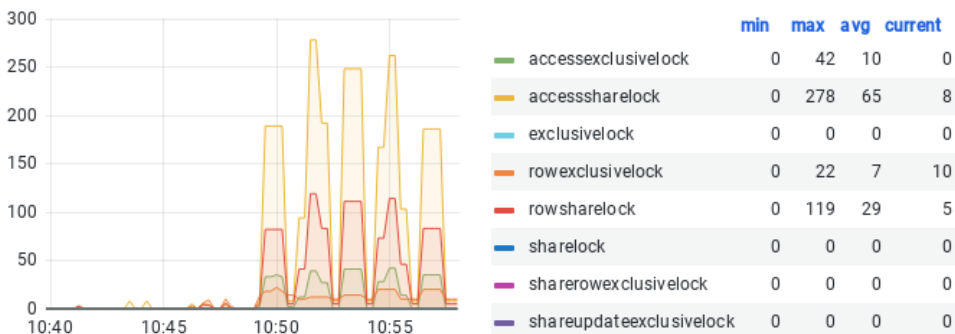
Temp File

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	405 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	1.60 ms	0.0505 ms	0 ms