Issuer and Verifier Postgres Metrics

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

Sun Mar 20 15:19:35 UTC 2022
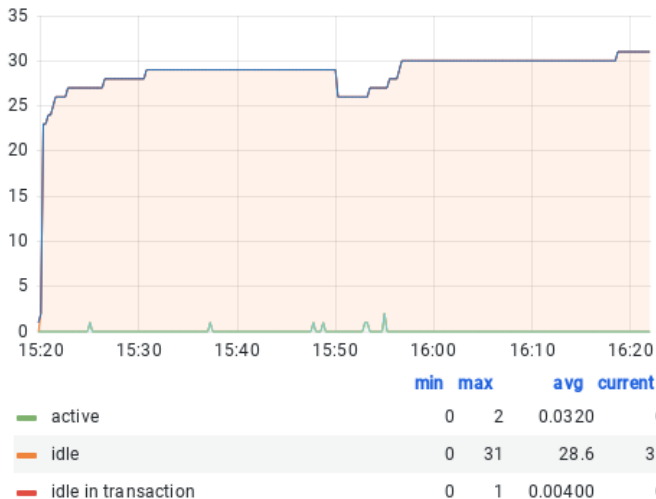to
Sun Mar 20 16:22:07 UTC 2022

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	0.0320	0
idle	0	31	28.6	31
idle in transaction	0	1	0.00400	0

Transactions (per Minute)
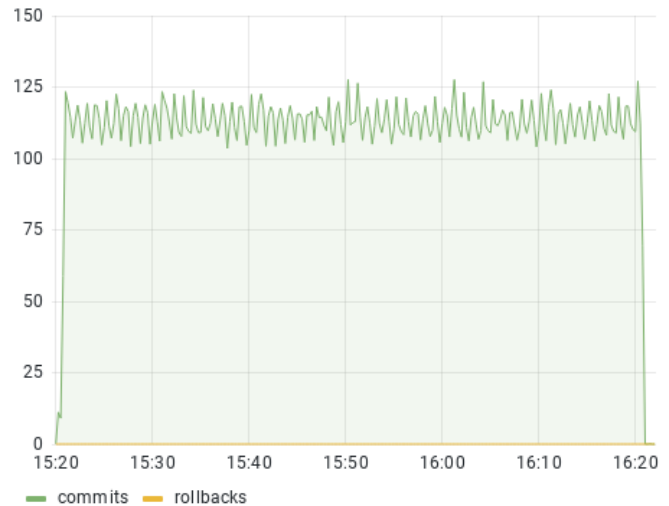
commits — rollbacks

Rows (per Minute)

	min	max	avg
fetched	0	12.2 K	5.87 K
returned	0	12.3 K	5.96 K
inserted	0	67.8	60.7
updated	0	0.867	0.297
deleted	0	44.3	37.3

Read Stats (per Minute)

	min	max	avg	current
SELECT (index scan)	0	13.1 K	5.86 K	0
SELECT (table scan)	0	13.1 K	5.93 K	0

Change Stats (per Minute)

	min	max	avg	current
INSERT	0	71	59.9	0
UPDATE	0	0.867	0.149	0
DELETE	0	45.6	37.1	0

Longest Transaction

	min	max	avg	current
max_tx_duration [active]	-133 µs	412 ms	1.70 ms	0 s
max_tx_duration [idle in transaction]	0 s	794 ms	3.18 ms	0 s
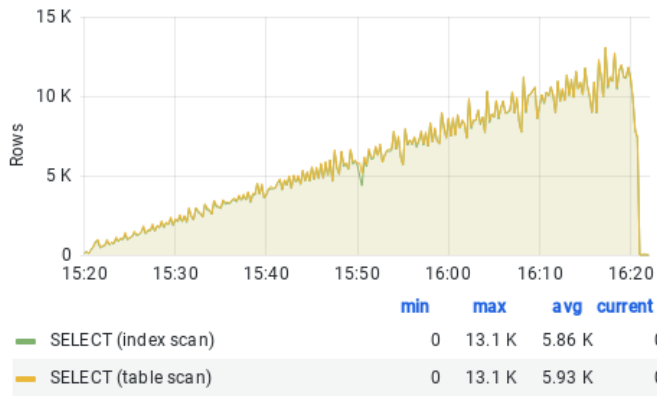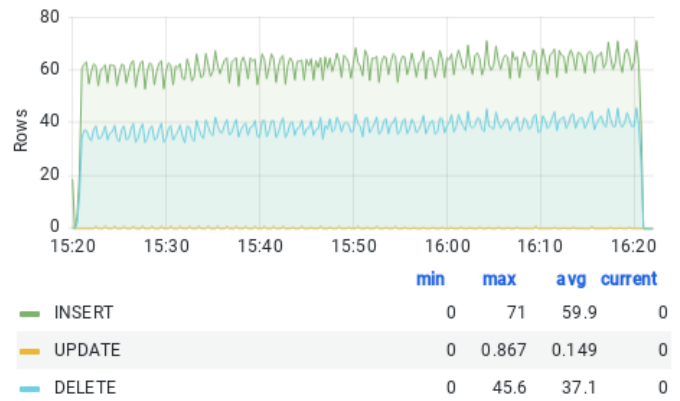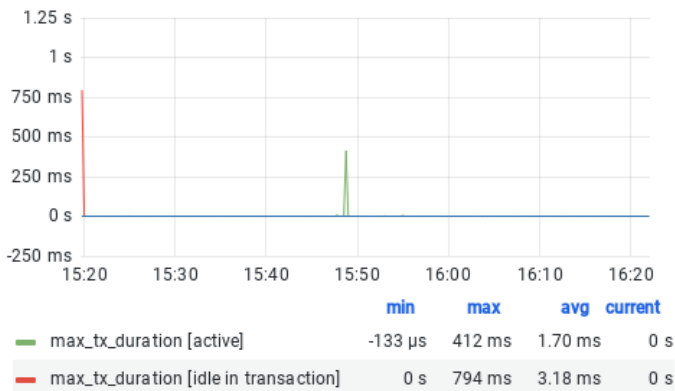
Cache Hit Rate
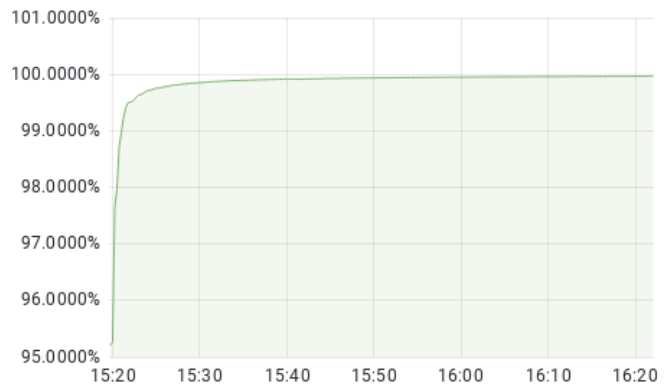
Buffers - bgwriter (per Minute)

	min	max	avg	current
buffers_backend	0	69.1	2.88	0
buffers_alloc	0	24.1	3.01	0
backend_fsync	0	0	0	0
buffers_checkpoint	0	22.5	7.19	22.3
buffers_clean	0	0	0	0
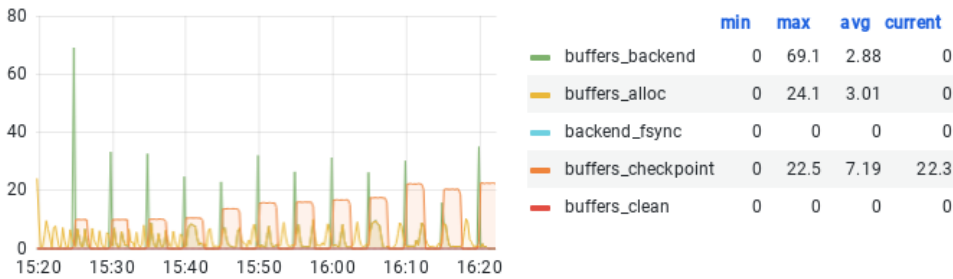
Conflicts/Deadlocks (per Minute)

conflicts   deadlocks

Lock Tables

	min	max	avg	current
accessexclusivelock	0	0	0	0
accesssharelock	0	11	0	0
exclusivelock	0	0	0	0
rowexclusivelock	0	9	0	0
rowsharelock	0	4	0	0
sharelock	0	0	0	0
sharerowexclusivelock	0	0	0	0
shareupdateexclusivelock	0	0	0	0
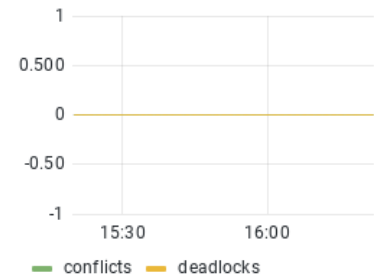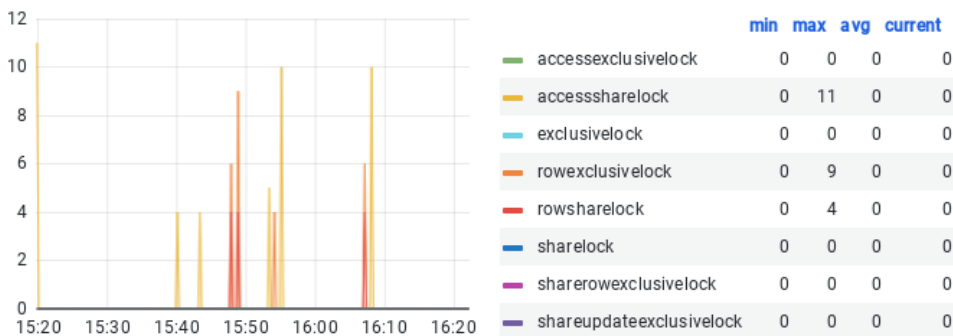
Temp File

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	10.00 s	426 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	13.5 ms	0.0827 ms	0 ms