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 Mar 21 20:38:37 UTC 2022
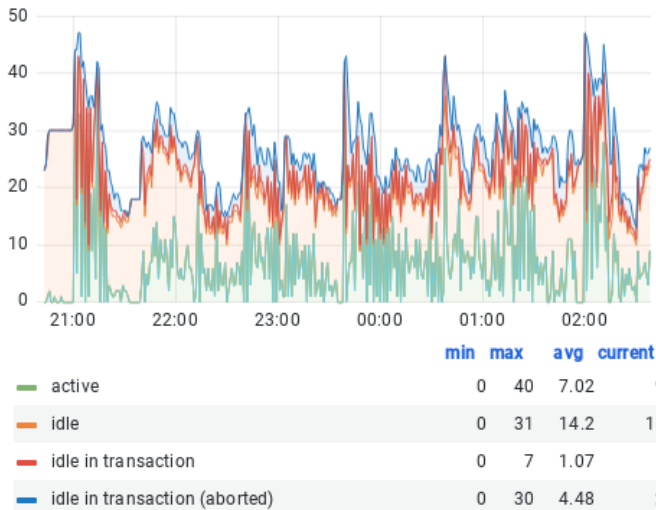to
Tue Mar 22 02:38:37 UTC 2022

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	40	7.02	9
idle	0	31	14.2	15
idle in transaction	0	7	1.07	1
idle in transaction (aborted)	0	30	4.48	2

Transactions (per Minute)
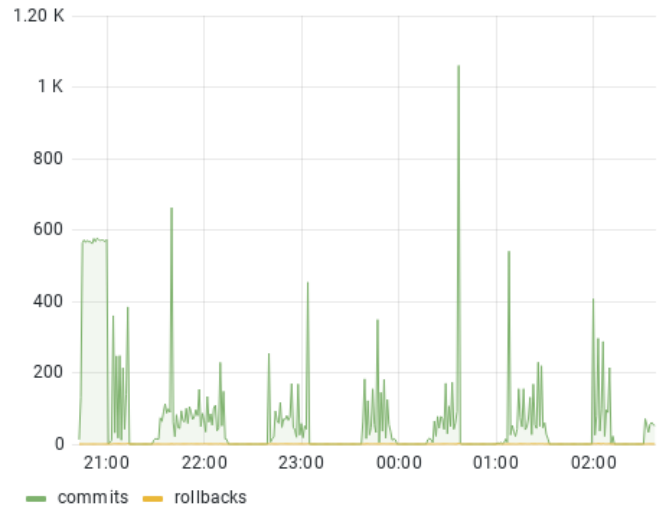
commits — rollbacks

Rows (per Minute)

	min	max	avg
fetched	0	81.0 K	3.13 K
returned	0	82.5 K	3.23 K
inserted	0	694	40.3
updated	0	0.867	0.0165
deleted	0	277	18.0

Read Stats (per Minute)

	min	max	avg	current
SELECT (index scan)	0	74.9 K	3.35 K	2.46 K
SELECT (table scan)	0	76.3 K	3.43 K	2.51 K

Change Stats (per Minute)

	min	max	avg	current
INSERT	0	581	41.5	24.5
UPDATE	0	0	0	0
DELETE	0	304	18.6	5.47

Longest Transaction

	min	max	av
max_tx_duration [active]	-1.2 ms	13.2 min	58.
max_tx_duration [idle in transaction]	0 s	30.1 min	11.0 n
max_tx_duration [idle in transaction (aborted)]	0 s	14.2 min	24.
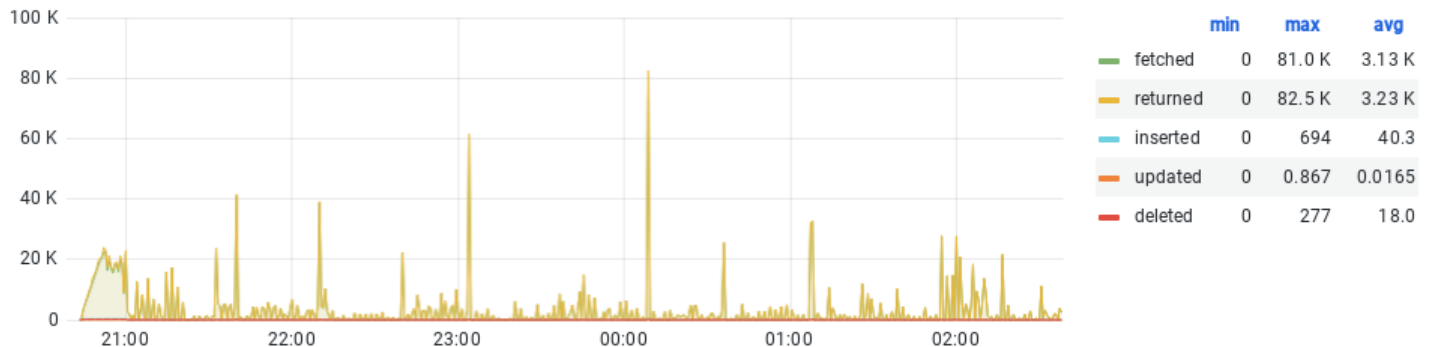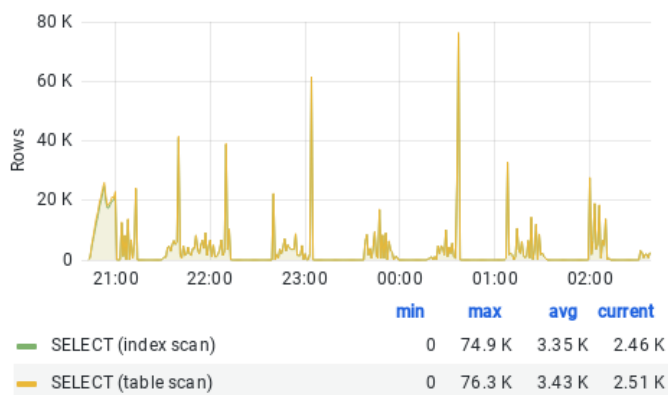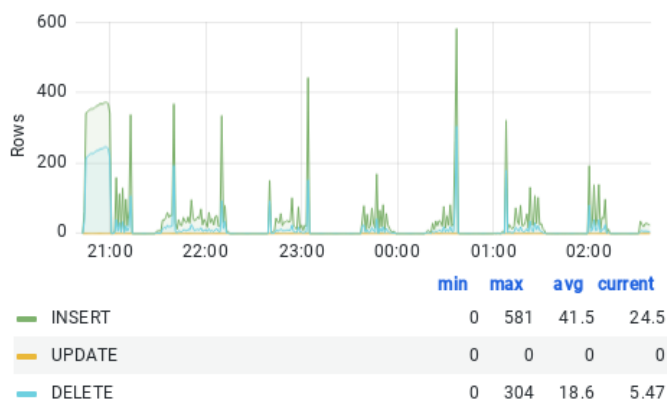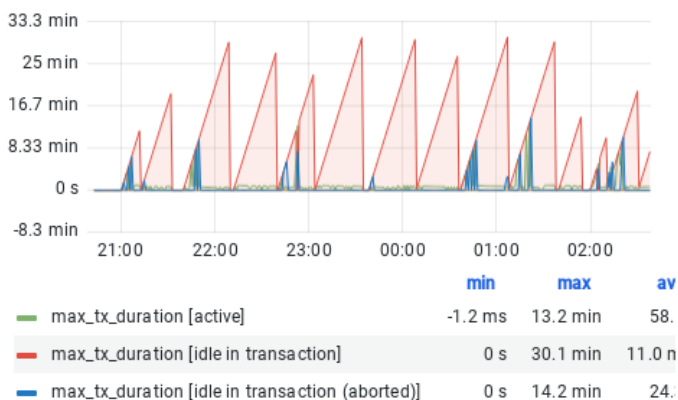
Cache Hit Rate
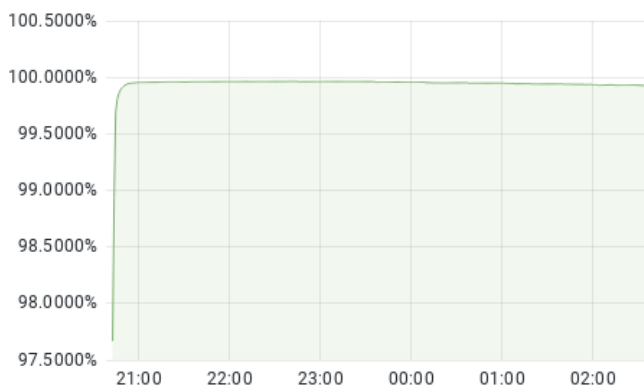
Buffers - bgwriter (per Minute)

	min	max	avg	current
buffers_backend	0	89.3	0.754	0.733
buffers_alloc	0	54.6	1.61	1.87
backend_fsync	0	0	0	0
buffers_checkpoint	0	61.3	12.1	30.2
buffers_clean	0	22.5	0.162	1.87
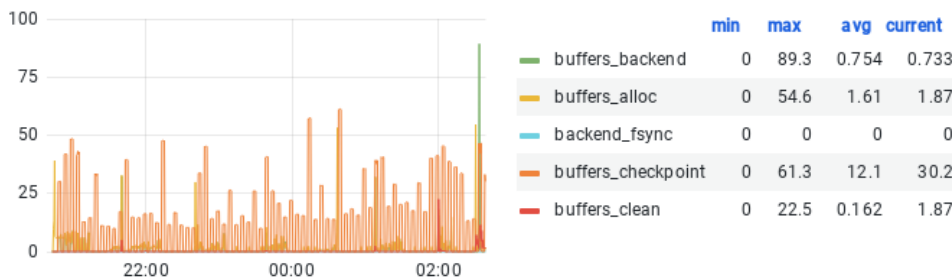
Conflicts/Deadlocks (per Minute)

conflicts   deadlocks

Lock Tables

	min	max	avg	current
accessexclusivelock	0	41	7	4
accesssharelock	0	229	45	26
exclusivelock	0	0	0	0
rowexclusivelock	0	67	15	9
rowsharelock	0	102	22	13
sharelock	0	0	0	0
sharerowexclusivelock	0	0	0	0
shareupdateexclusivelock	0	0	0	0
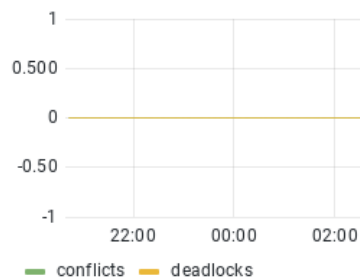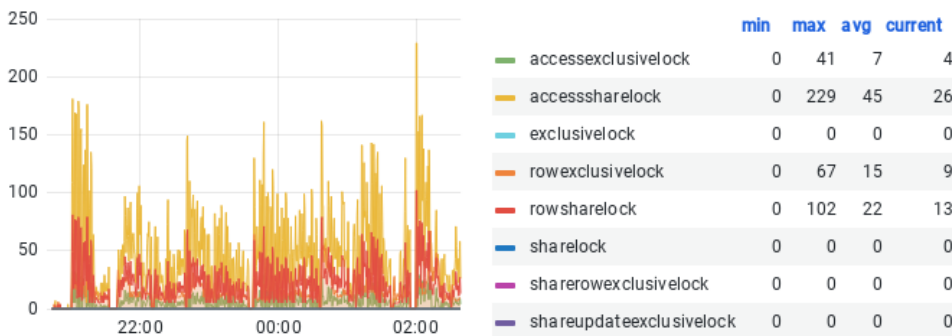
Temp File
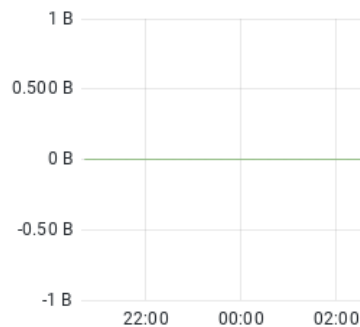
Checkpoint Stats
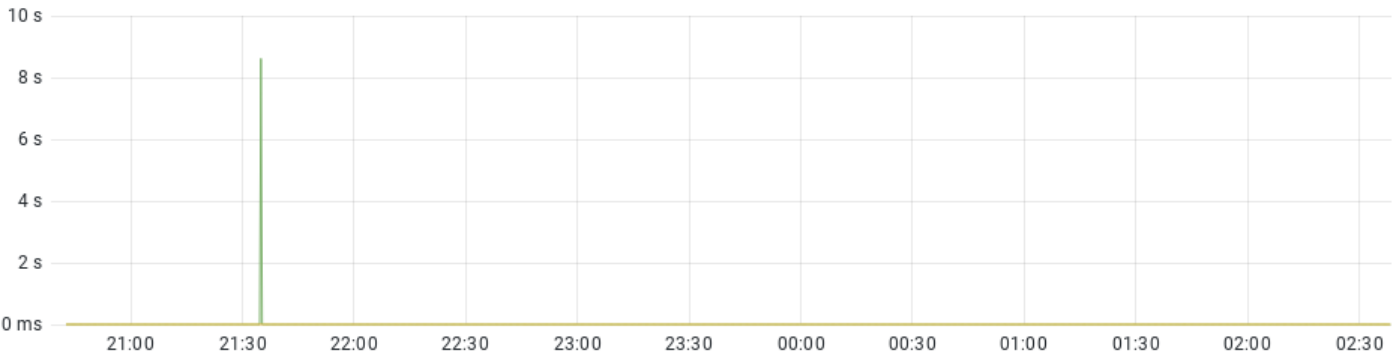
	min	max	avg	current
write_time - Total amount of time that has been spent in the portion of checkpoint processing where files are writte...	0 ms	8.61 s	8.07 ms	0 ms
sync_time - Total amount of time that has been spent in the portion of checkpoint processing where files are synchr...	0 ms	0.867 ms	0.000874 ms	0 ms