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 Feb 20 09:33:46 UTC 2022
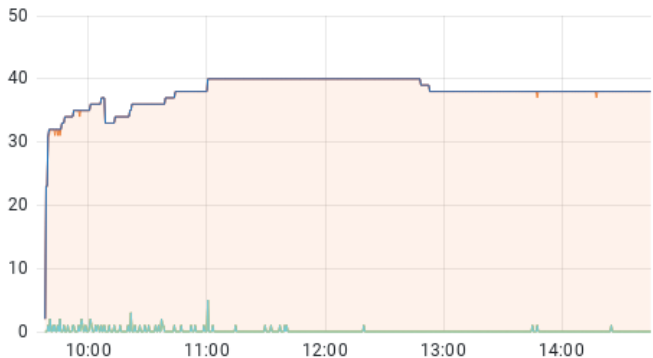to
Sun Feb 20 14:45:06 UTC 2022

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	5	0.106	0
idle	2	40	37.8	38
idle in transaction	0	1	0.0114	0

Transactions (per Minute)
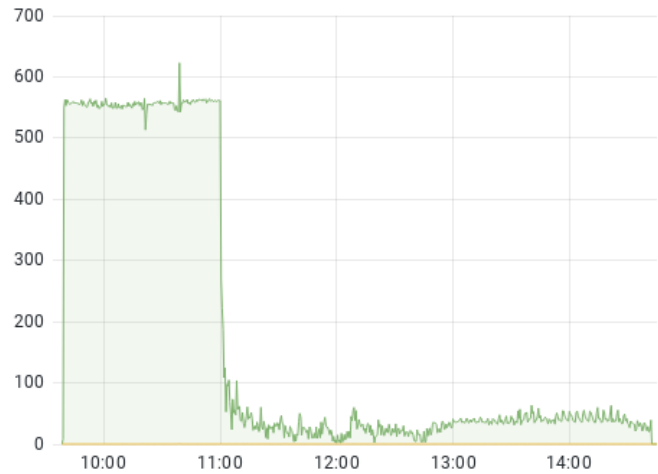
commits — rollbacks

Rows (per Minute)
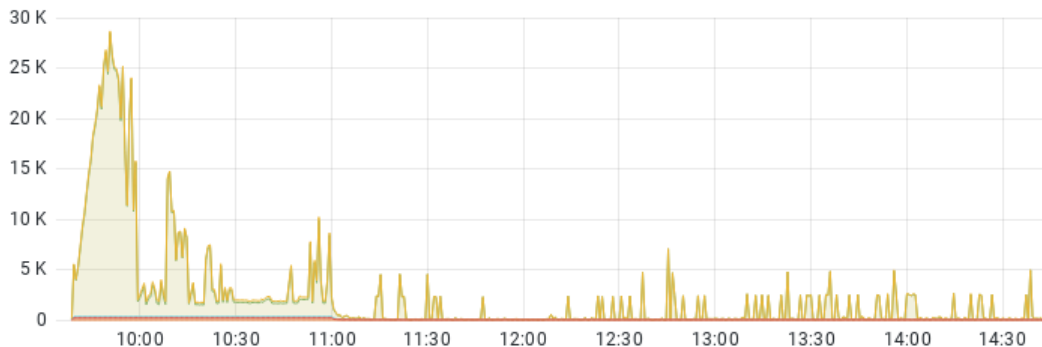
	min	max	avg
fetched	0	28.4 K	2.25 K
returned	0	28.7 K	2.32 K
inserted	0	326	98.4
updated	0	0.867	0.00391
deleted	0	197	58.1

Read Stats (per Minute)

	min	max	avg	current
SELECT (index scan)	0	28.4 K	2.38 K	0.933
SELECT (table scan)	0	28.7 K	2.46 K	85.8

Change Stats (per Minute)

	min	max	avg	current
INSERT	0	364	99.2	0
UPDATE	0	0.867	0.00510	0
DELETE	0	223	58.4	0

Longest Transaction

	min	max	avg	current
max_tx_duration [active]	-1.3 ms	188 ms	504 µs	0 s
max_tx_duration [idle in transaction]	-1.3 ms	6.83 ms	11.7 µs	0 s
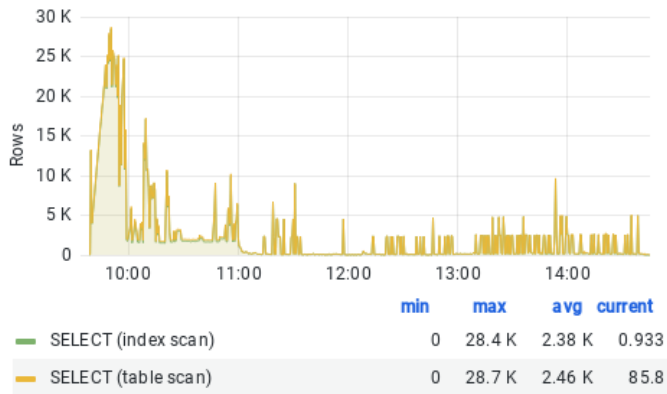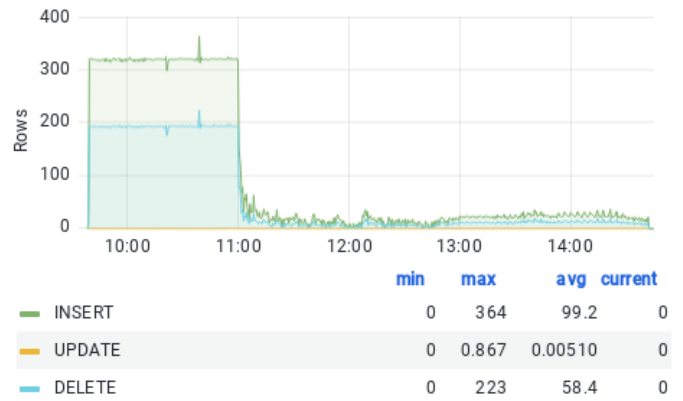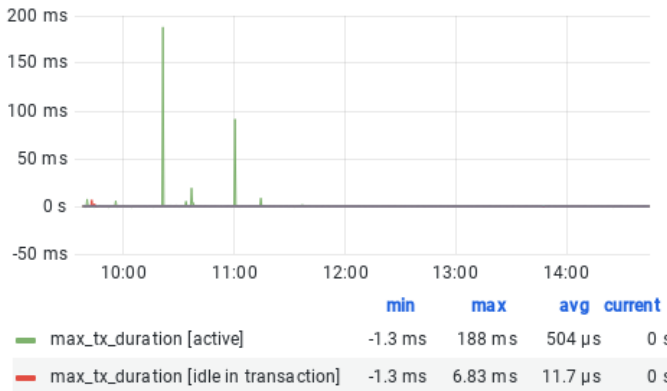
Cache Hit Rate
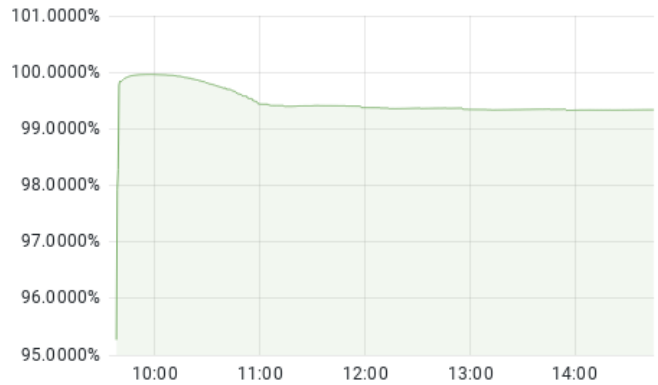
Buffers - bgwriter (per Minute)

	min	max	avg	current
buffers_backend	0	847	13.1	0
buffers_alloc	0	711	15.1	0
backend_fsync	0	0	0	0
buffers_checkpoint	0	90.8	11.6	10.4
buffers_clean	0	258	6.48	0
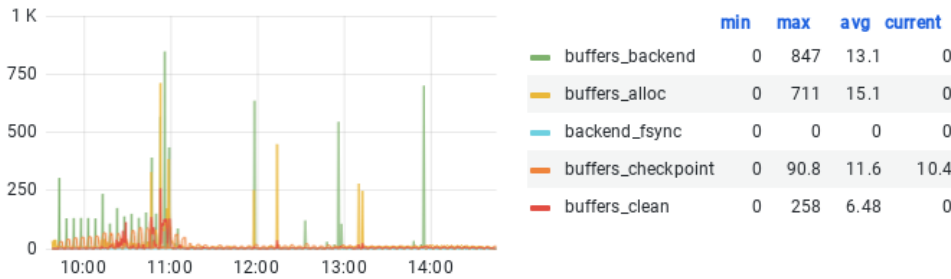
Conflicts/Deadlocks (per Minute)

conflicts   deadlocks

Lock Tables

	min	max	avg	current
accessexclusivelock	0	0	0	0
accesssharelock	0	18	0	0
exclusivelock	0	0	0	0
rowexclusivelock	0	24	0	0
rowsharelock	0	20	0	0
sharelock	0	0	0	0
sharerowexclusivelock	0	0	0	0
shareupdateexclusivelock	0	0	0	0
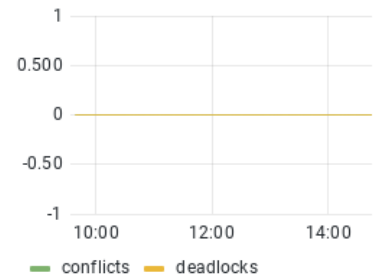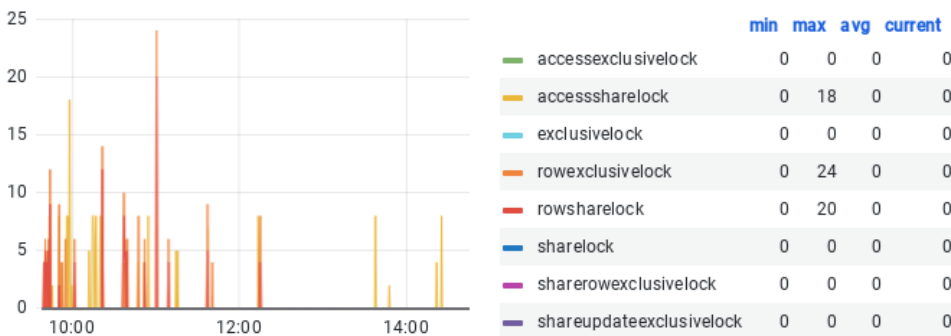
Temp File

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	650 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	102 ms	0.173 ms	0 ms