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 15:02:47 UTC 2022
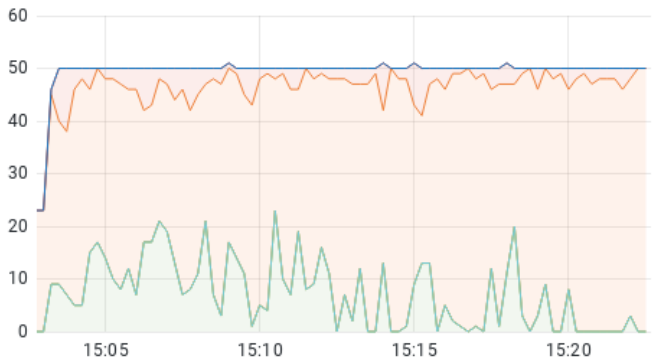to
Sun Feb 20 15:22:40 UTC 2022

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	23	7.08	0
idle	23	50	39.3	50
idle in transaction	0	12	2.93	0

Transactions (per Minute)

commits — rollbacks

Rows (per Minute)

	min	max	avg
fetched	0	4.77 K	2.81 K
returned	0	5.21 K	3.05 K
inserted	0	155	112
updated	0	0.869	0.256
deleted	0	84.1	60.0
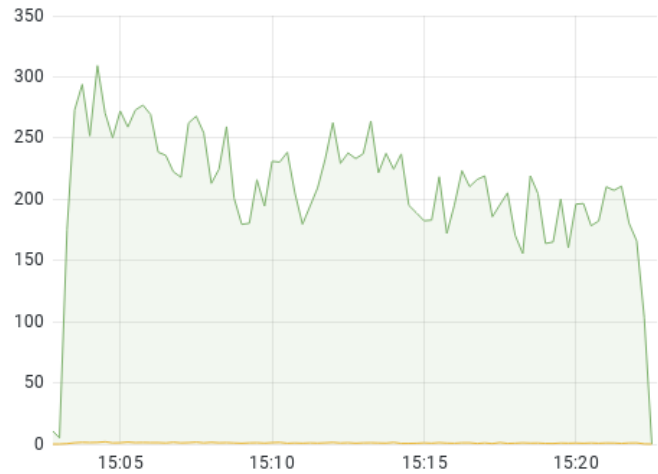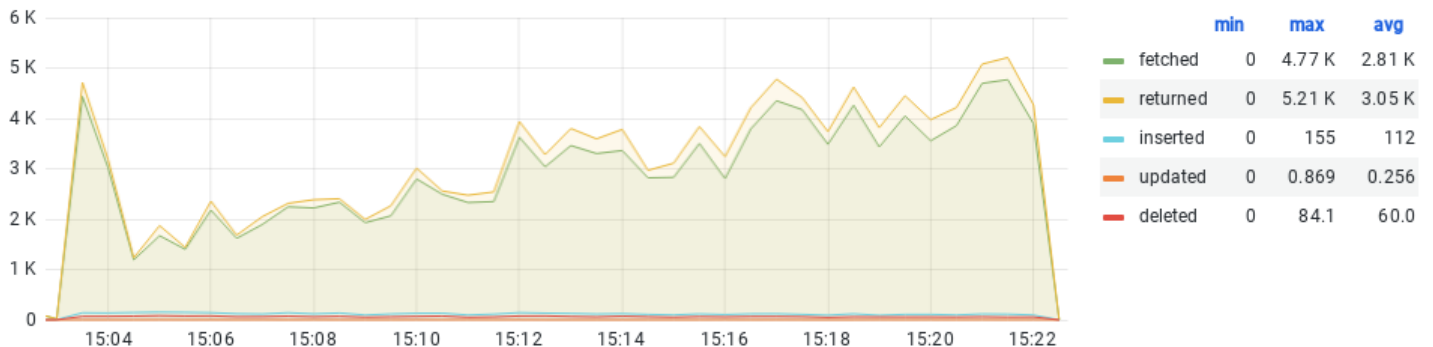
Read Stats (per Minute)
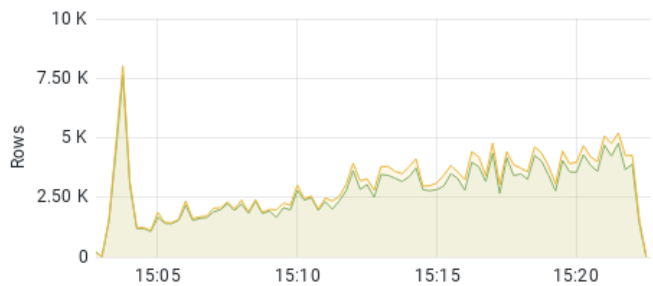
	min	max	avg	current
SELECT (index scan)	0	7.64 K	2.78 K	0
SELECT (table scan)	0	8.01 K	3.02 K	0

Change Stats (per Minute)
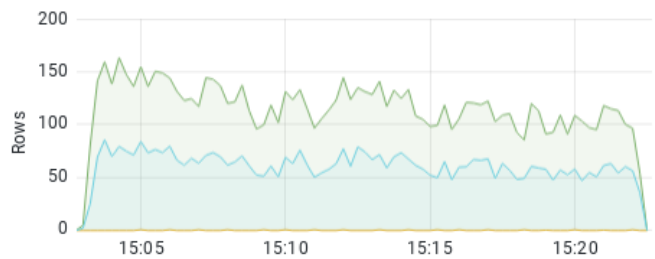
	min	max	avg	current
INSERT	0	163	114	0
UPDATE	0	0.869	0.185	0
DELETE	0	85.7	60.2	0

Longest Transaction
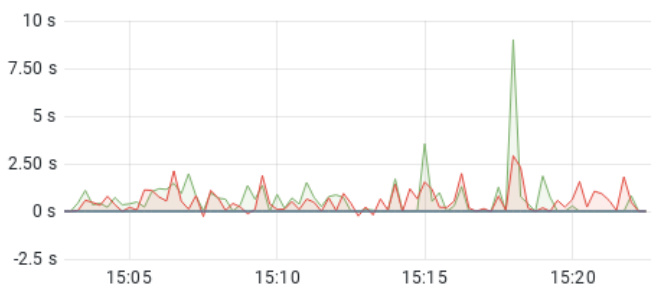
	min	max	avg	current
max_tx_duration [active]	-778 µs	9.01 s	625 ms	0 s
max_tx_duration [idle in transaction]	-278 ms	2.91 s	532 ms	0 s

Cache Hit Rate
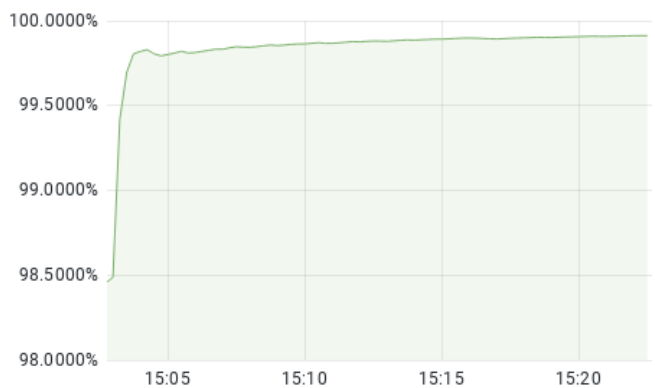
Buffers - bgwriter (per Minute)
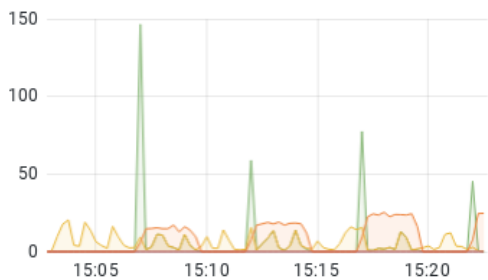
	min	max	avg	current
buffers_backend	0	146	5.83	0
buffers_alloc	0	20.4	5.80	0.0668
backend_fsync	0	0	0	0
buffers_checkpoint	0	25.4	7.85	24.7
buffers_clean	0	0	0	0

Conflicts/Deadlocks (per Minute)

conflicts — deadlocks
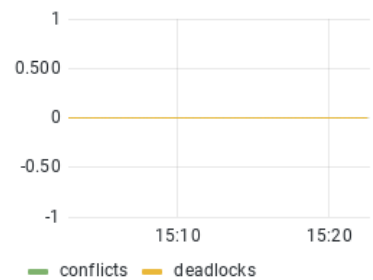
Lock Tables
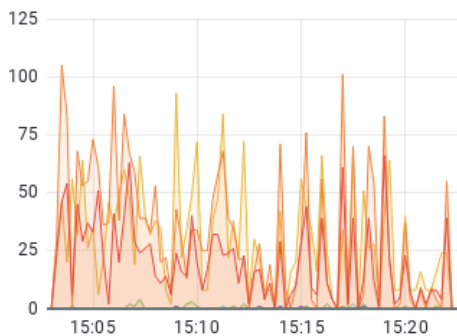
	min	max	avg	current
accessexclusivelock	0	4	0	0
accesssharelock	0	93	29	0
exclusivelock	0	2	0	0
rowexclusivelock	0	105	31	0
rowsharelock	0	66	20	0
sharelock	0	0	0	0
sharerowexclusivelock	0	0	0	0
shareupdateexclusivelock	0	1	0	0

Temp File
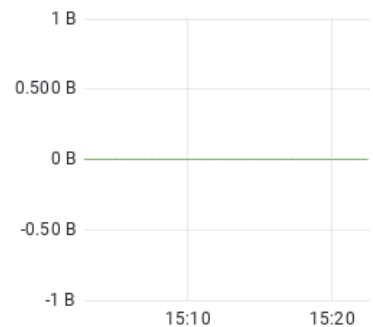
Checkpoint Stats
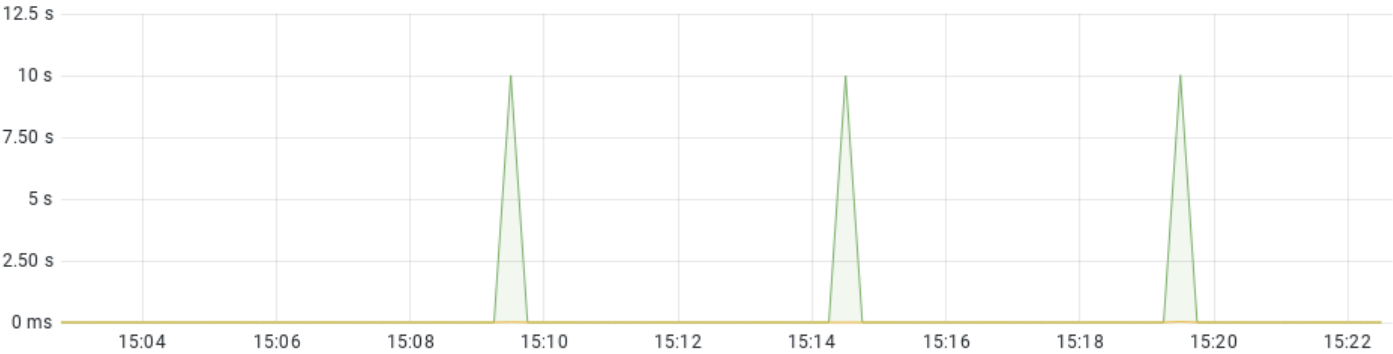
	min	max	avg	current
write_time - Total amount of time that has been spent in the portion of checkpoint processing where files are writte...	0 ms	10.0 s	375 ms	0 ms
sync_time - Total amount of time that has been spent in the portion of checkpoint processing where files are synchr...	0 ms	26.9 ms	0.523 ms	0 ms