Issuer and Verifier Postgres Metrics

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

Fri Mar 4 22:43:54 UTC 2022
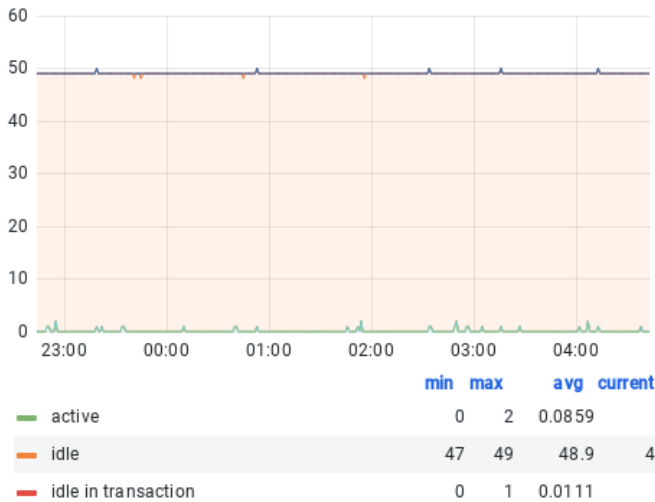to
Sat Mar 5 04:43:54 UTC 2022

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	0.0859	0
— idle		47	49	48.9	49
— idle in transaction		0	1	0.0111	0

Transactions (per Minute)
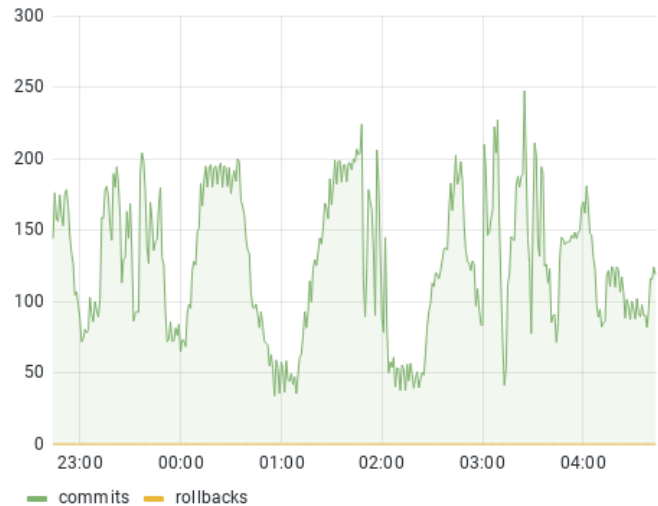
— commits — rollbacks

Rows (per Minute)

	min	max	avg
— fetched	67.4	787	399
— returned	112	932	475
— inserted	13.7	130	66.4
— updated	0	0.400	0.000739
— deleted	8.20	78.6	40.6

Read Stats (per Minute)

	min	max	avg	current
SELECT (index scan)	93.8	823	401	358
SELECT (table scan)	105	997	461	488

Change Stats (per Minute)

	min	max	avg	current
INSERT	16.1	133	66.2	62.6
UPDATE	0	0.467	0.00240	0
DELETE	11.5	83.7	40.8	40.1

Longest Transaction

	min	max	avg	current
max_tx_duration [active]	-1.5 ms	21.6 s	245 ms	0 s
max_tx_duration [idle in transaction]	-832 µs	0 s	-6.7 µs	0 s
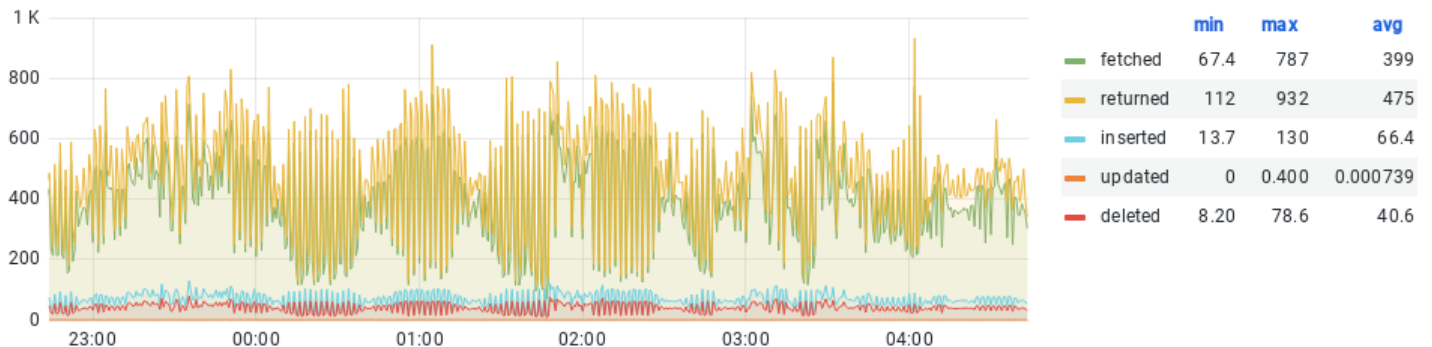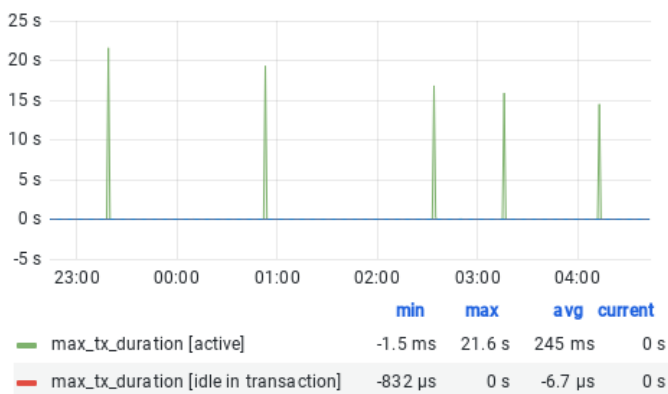
Cache Hit Rate
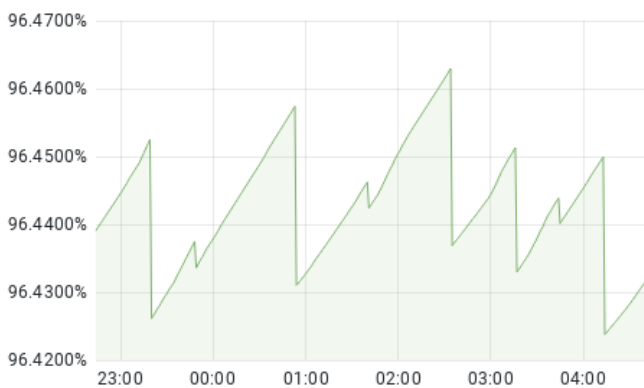
Buffers - bgwriter (per Minute)

	min	max	avg	current
buffers_backend	0	2.68 K	27.5	0.733
buffers_alloc	8.67	71.1	31.2	31.3
backend_fsync	0	0	0	0
buffers_checkpoint	0	98.7	23.2	52.4
buffers_clean	0.667	62.9	7.86	7.87
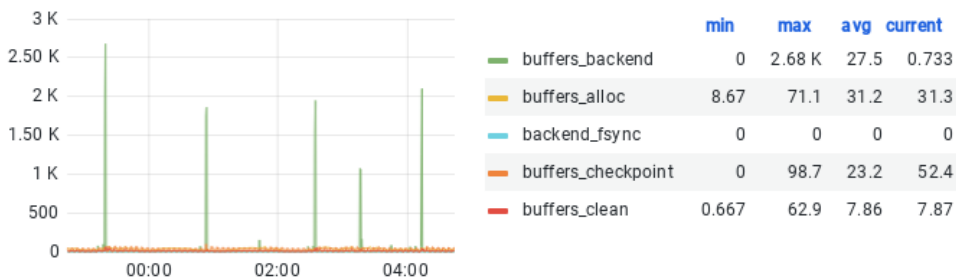
Conflicts/Deadlocks (per Minute)

conflicts   deadlocks

Lock Tables

	min	max	avg	current
accessexclusivelock	0	0	0	0
accesssharelock	0	8	0	0
exclusivelock	0	0	0	0
rowexclusivelock	0	12	0	0
rowsharelock	0	8	0	0
sharelock	0	0	0	0
sharerowexclusivelock	0	0	0	0
shareupdateexclusivelock	0	1	0	0
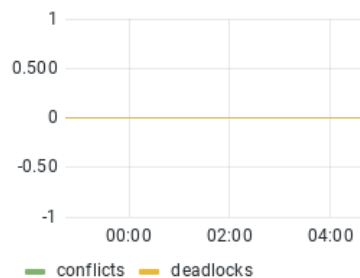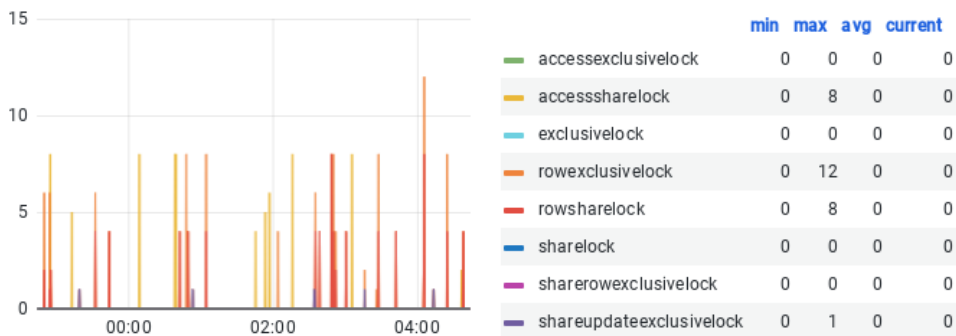
Temp File

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	10.00 s	665 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	265 ms	0.418 ms	0 ms