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 09:31:55 UTC 2022
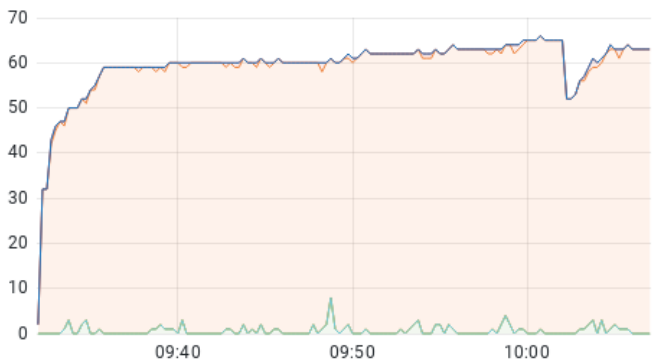to
Sun Feb 20 10:07:04 UTC 2022

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	8	0.631	0
idle	2	65	58.5	63
idle in transaction	0	2	0.270	0

Transactions (per Minute)
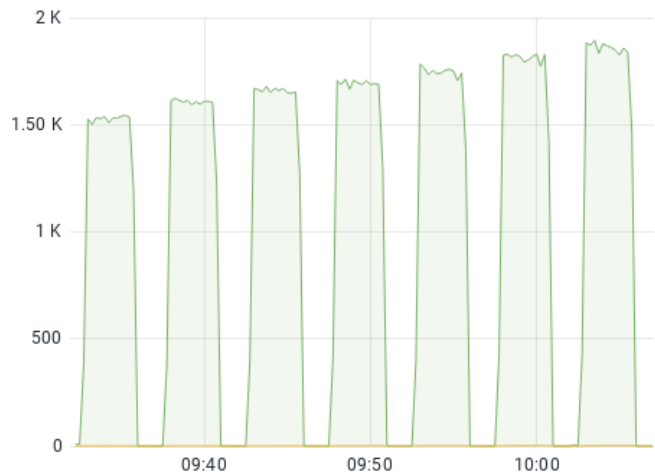
commits — rollbacks

Rows (per Minute)
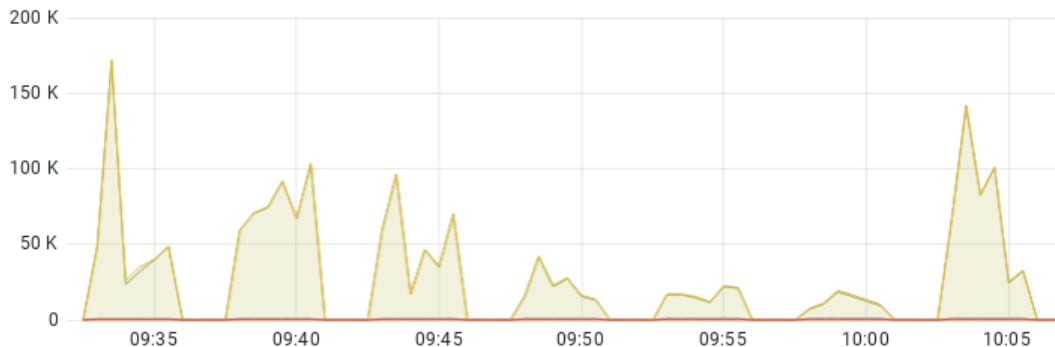
	min	max	avg
fetched	0	171 K	27.3 K
returned	0	172 K	27.7 K
inserted	0	1.07 K	583
updated	0	0.867	0.186
deleted	0	631	348

Read Stats (per Minute)

Rows

	min	max	avg	current
SELECT (index scan)	0	219 K	30.3 K	0
SELECT (table scan)	0	220 K	30.7 K	0

Change Stats (per Minute)

Rows
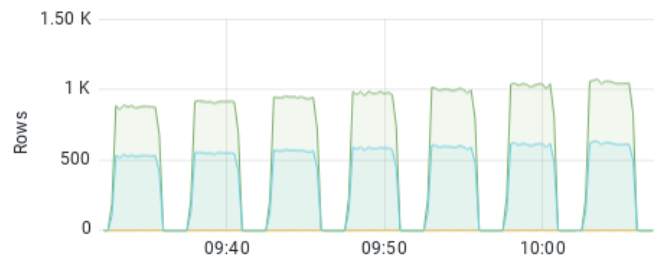
	min	max	avg	current
INSERT	0	1.07 K	582	0
UPDATE	0	0.867	0.124	0
DELETE	0	631	347	0

Longest Transaction

	min	max	avg	current
max_tx_duration [active]	-1.5 ms	707 ms	38.8 ms	0 s
max_tx_duration [idle in transaction]	-1.4 ms	45.6 ms	1.17 ms	0 s

Cache Hit Rate
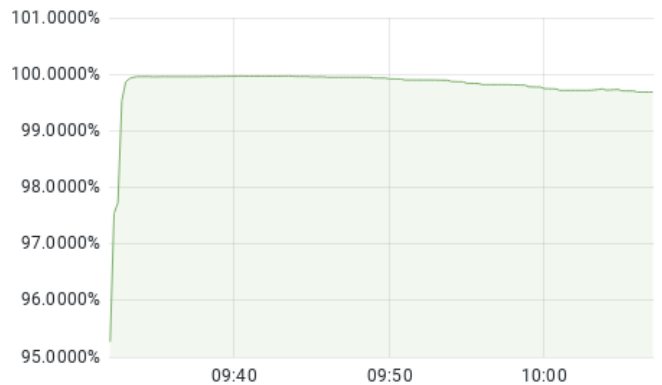
Buffers - bgwriter (per Minute)
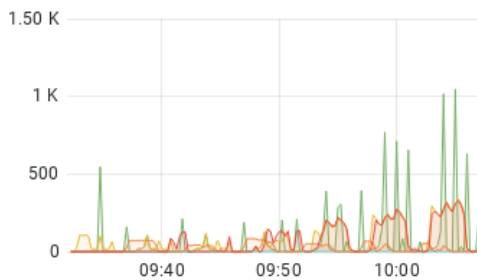
	min	max	avg	current
buffers_backend	0	1.05 K	69.0	203
buffers_alloc	0	339	74.8	0
backend_fsync	0	0	0	0
buffers_checkpoint	0	83.3	21.7	17.1
buffers_clean	0	328	68.3	0

Conflicts/Deadlocks (per Minute)

conflicts   deadlocks
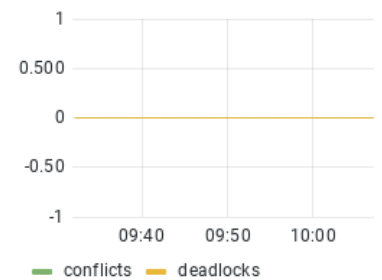
Lock Tables
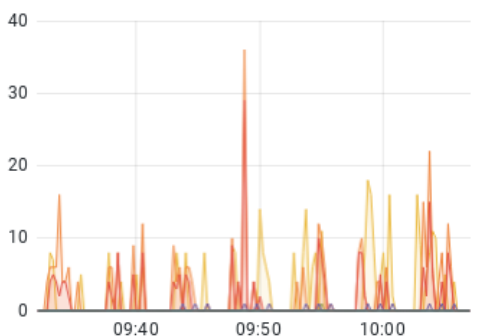
	min	max	avg	current
accessexclusivelock	0	1	0	0
accesssharelock	0	18	2	0
exclusivelock	0	0	0	0
rowexclusivelock	0	36	2	0
rowsharelock	0	29	2	0
sharelock	0	0	0	0
sharerowexclusivelock	0	0	0	0
shareupdateexclusivelock	0	1	0	0

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	9.99 s	427 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	1.87 ms	0.0733 ms	0 ms