Issuer and Verifier Postgres Metrics

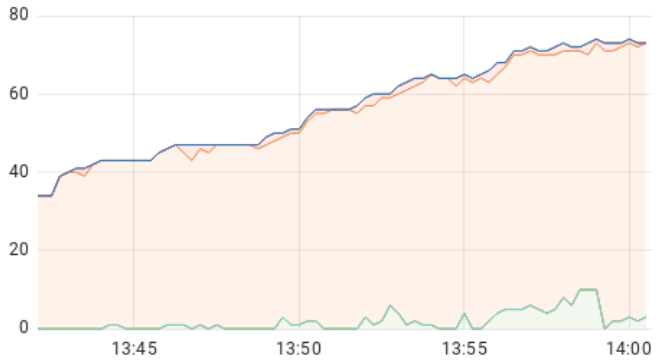
Performance metrics for Postgres (based on: https://grafana.com/grafana/dashboards/6742 and https://grafana.com/grafana/dashboards/455)

Fri Nov 18 13:42:04 UTC 2022
to
Fri Nov 18 14:00:40 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

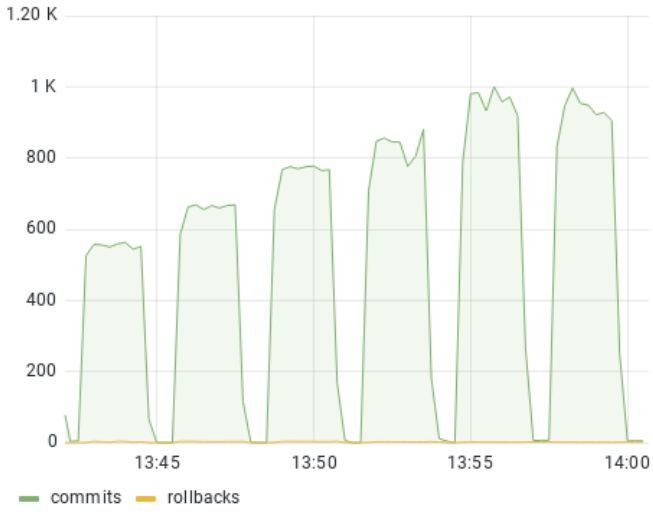
Random P...	Seq Page C...	Max Worker Proc...	Max Parallel Wor...
4	1	8	8

Connections

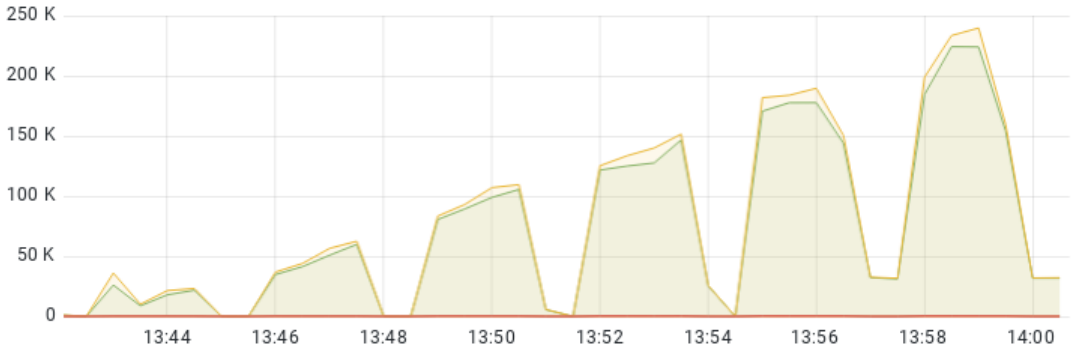


	min	max	avg	current
active	0	10	1.84	3
idle	34	71	53.6	70
idle in transaction	0	4	0.973	0

Transactions (per Minute)

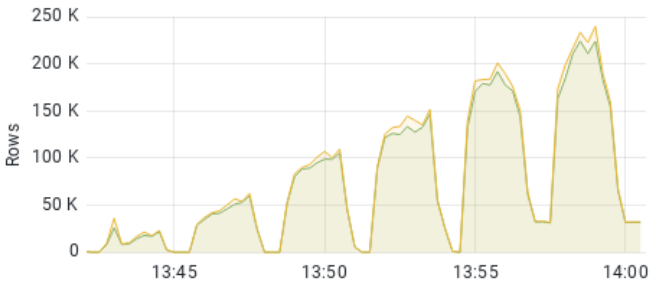


Rows (per Minute)



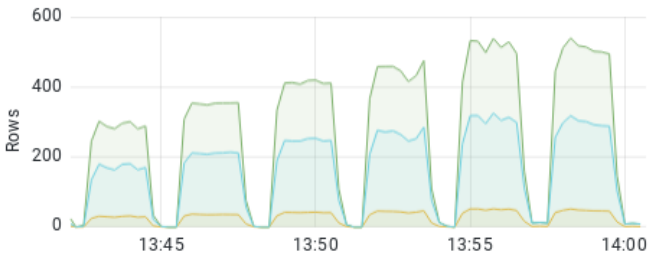
	min	max	avg
fetched	0	224 K	72.9 K
returned	0	240 K	77.2 K
inserted	0	532	269
updated	0	52	26.8
deleted	0	318	160

Read Stats (per Minute)



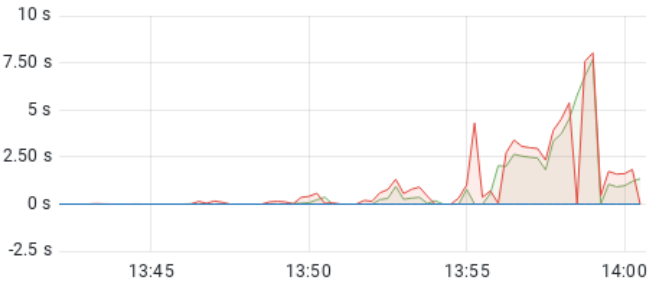
	min	max	avg	current
SELECT (index scan)	0	224 K	74.2 K	31.7 K
SELECT (table scan)	0	240 K	77.9 K	32.1 K

Change Stats (per Minute)



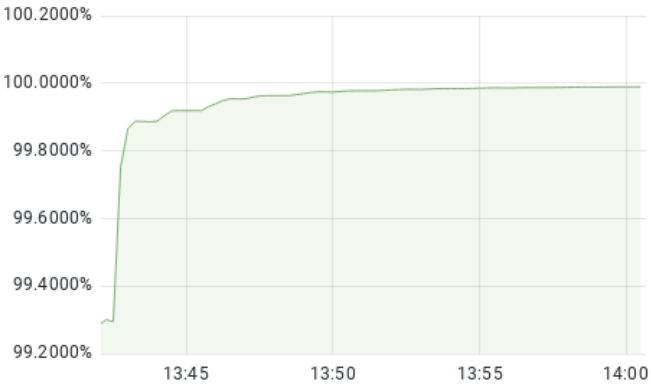
	min	max	avg	current
INSERT	0	539	275	9.20
UPDATE	0	52.3	27.4	1.53
DELETE	0	325	164	9.20

Longest Transaction

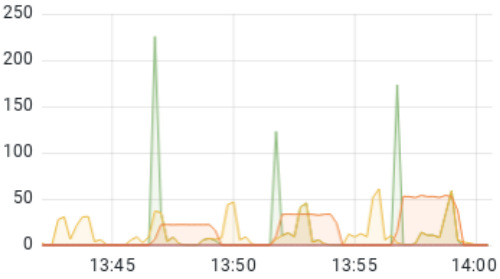


	min	max	avg	current
max_tx_duration [active]	-2.0 ms	7.68 s	776 ms	1.35 s
max_tx_duration [idle in transaction]	0 s	8.03 s	920 ms	0 s

Cache Hit Rate

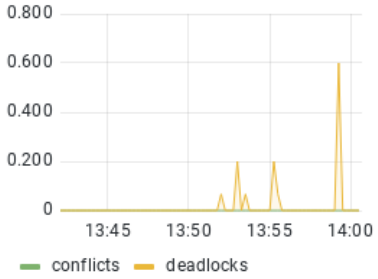


Buffers - bgwriter (per Minute)

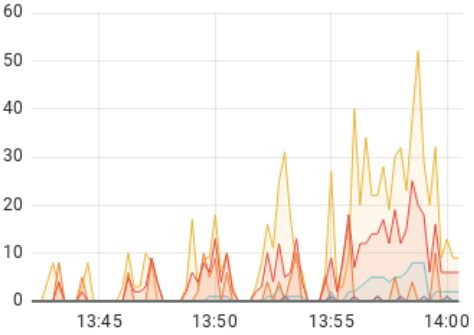


	min	max	avg	current
buffers_backend	0	226	11.5	0
buffers_alloc	0	60.8	11.6	0.600
backend_fsync	0	0	0	0
buffers_checkpoint	0	53.8	14.4	0
buffers_clean	0	0	0	0

Conflicts/Deadlocks (per Minute)

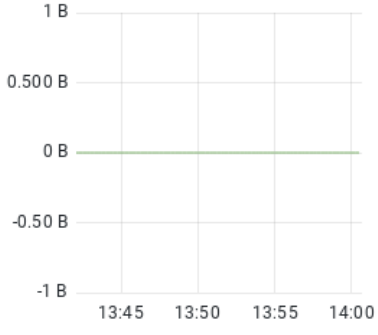


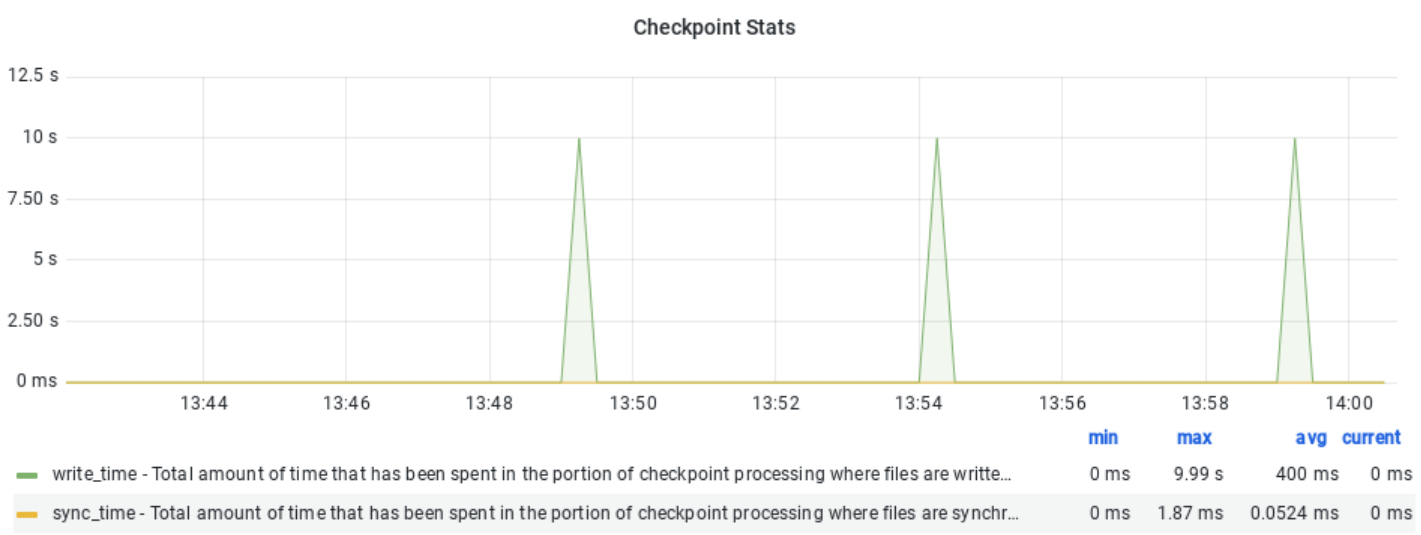
Lock Tables



	min	max	avg	current
accessexclusivelock	0	0	0	0
accesssharelock	0	52	11	9
exclusivelock	0	8	1	2
rowexclusivelock	0	16	2	0
rowsharelock	0	25	6	6
sharelock	0	0	0	0
sharerowexclusivelock	0	0	0	0
shareupdateexclusivelock	0	1	0	0

Temp File




Checkpoint Stats
12.5 s
10 s
7.50 s
5 s
2.50 s
0 ms
13:44
13:46
13:48
13:50
13:52
13:54
13:56
13:58
14:00
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
400 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
0.0524 ms
0 ms