RDS > Performance Insights

serverless-database-mysqld-1-instance-1

serverless-database-mysqld-1-instance-1 ▼
Aurora MySQL   8.0.mysql_aurora.3.05.1   db.serverless

📅 Last 5 hours   ↻   ○ Auto refresh   ⚙

ℹ **Performance Insights supports additional retention tiers**
To change your current retention tier, modify the database. Learn more ↗   **Modify retention tier**   ✕
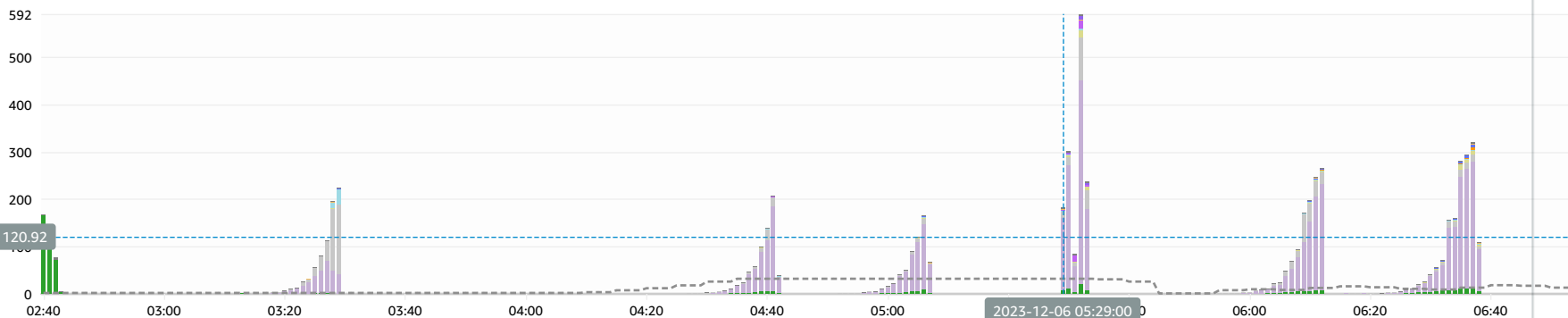
Database load   sliced by   [Waits ▼]   [Bar] [Line] [Table]   **Info**   ☑ Show estimated vCPU

Average active sessions (AAS)

120.92

592
500
400
300
200
100
0

02:40   03:00   03:20   03:40   04:00   04:20   04:40   05:00   2023-12-06 05:29:00   06:00   06:20   06:40

Dimensions | **Metrics**

Metrics dashboard

[Aurora MySQL database health summary ▼]   **Feedback**   **Export to CloudWatch**

CPU utilization (Percent)   ⋮

100.00

50.00

Free memory (Bytes)   ⋮
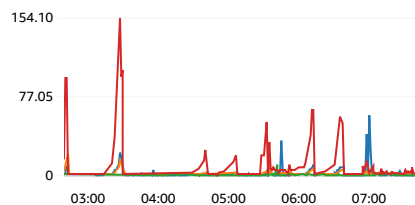
255.0G

127.5G

Out-of-memory kills (Count)   ⋮

1.00

0.50
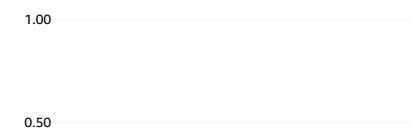
os.cpuUtilization.irq.avg
os.cpuUtilization.wait.avg
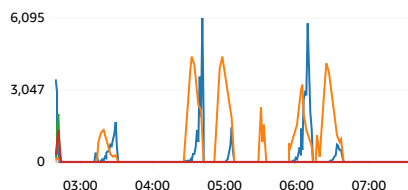
FreeableMemory

os.memory.outOfMemoryKillCount.avg

IO latency (Milliseconds)

154.10

77.05

0

03:00 04:00 05:00 06:00 07:00

- os.diskIO.auroraStorage.readLatency.avg
- os.diskIO.auroraStorage.writeLatency.avg
- os.diskIO.rdstemp.await.avg ▪ CommitLatency

IO operations (Per second)

6,095

3,047

0

03:00 04:00 05:00 06:00 07:00

- os.diskIO.auroraStorage.readIOsPS.avg
- os.diskIO.auroraStorage.writeIOsPS.avg
- os.diskIO.rdstemp.readIOsPS.avg
- os.diskIO.rdstemp.writeIOsPS.avg

IO throughput (Bytes per second)

112.3M

56.13M

0

03:00 04:00 05:00 06:00 07:00
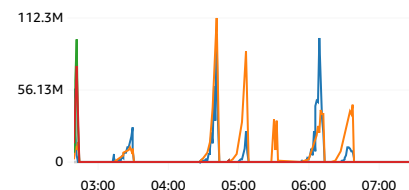
- os.diskIO.auroraStorage.readThroughput.avg
- os.diskIO.auroraStorage.writeThroughput.avg
- os.diskIO.rdstemp.readKbPS.avg
- os.diskIO.rdstemp.writeKbPS.avg
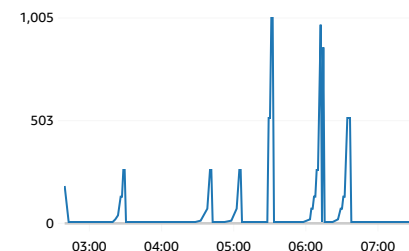
IO disk queue depth (Requests)

13.0

6.5

0

03:00 04:00 05:00 06:00 07:00
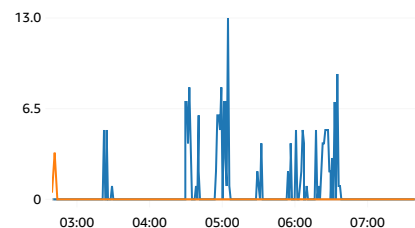
- os.diskIO.auroraStorage.diskQueueDepth.avg
- os.diskIO.rdstemp.avgQueueLen.avg

Network throughput (Bytes per second)

39.51M

19.75M

0

03:00 04:00 05:00 06:00 07:00
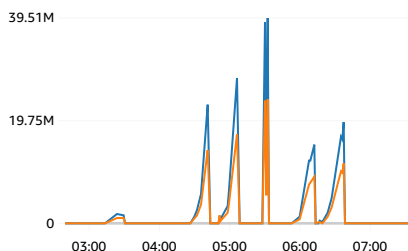
- os.network.tx.avg ▪ os.network.rx.avg

Connection utilization (Connections)

1,005

503

0

03:00 04:00 05:00 06:00 07:00

- db.Users.Threads_connected.avg

Sessions (Sessions)

1,000

500

0

03:00 04:00 05:00 06:00 07:00
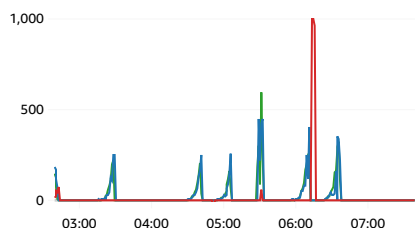
- DBLoad ▪ db.Users.Threads_running.avg
- db.Users.Aborted_clients.avg

Logins (Connections)

1,860

930

0

03:00 04:00 05:00 06:00 07:00
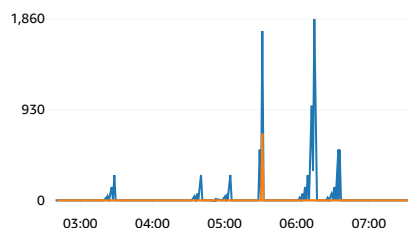
- db.Users.Connections.avg
- db.Users.Aborted_connects.avg

InnoDB history list length (Length)

728,185

364,093

0

03:00 04:00 05:00 06:00 07:00
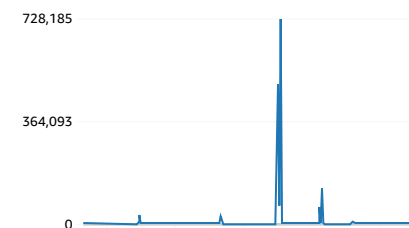
- db.Transactions.trx_rseg_history_len.avg

Queries (Per second)

176,947
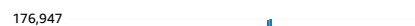
Query latency (Milliseconds)

819
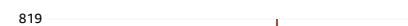
Query throughput (Per second)

111,018

0

03:00 04:00 05:00 06:00 07:00

● db.SQL.Queries.avg

03:00 04:00 05:00 06:00 07:00

● SelectLatency   ● InsertLatency
● UpdateLatency   ● DeleteLatency
● CommitLatency   ● DMLLatency   ● DDLLatency

● SelectThroughput   ● InsertThroughput
● UpdateThroughput   ● DeleteThroughput
● CommitThroughput   ● DMLThroughput
● DDLThroughput

DML (Rows per second)

44,244

22,122

0

03:00 04:00 05:00 06:00 07:00

● db.SQL.Innodb_rows_deleted.avg
● db.SQL.Innodb_rows_updated.avg
● db.SQL.Innodb_rows_inserted.avg

Active transactions vs. locks (Transactions)

53,319

26,660

0

03:00 04:00 05:00 06:00 07:00

● db.Transactions.active_transactions.avg
● db.Locks.innodb_row_lock_waits.avg

Buffer pool hit ratio (Percent)

100.00

50.00

0

03:00 04:00 05:00 06:00 07:00

● db.Cache.innoDB_buffer_pool_hit_rate.avg

IO cache vs. disk reads (Pages per second)

894,259

447,130

0

03:00 04:00 05:00 06:00 07:00

● db.Cache.Innodb_buffer_pool_reads.avg
● db.Cache.innoDB_buffer_pool_hits.avg

Row lock time (Milliseconds)

1.107M

553,664

0

03:00 04:00 05:00 06:00 07:00

● db.Locks.Innodb_row_lock_time.avg

Deadlocks (Deadlocks per minute)

2.0

1.0

0

02:45 03:00 03:15 03:30

● db.Locks.innodb_deadlocks.avg