RDS > Performance Insights

serverless-db4

serverless-db4
Aurora MySQL   8.0.mysql_aurora.3.05.1   db.serverless

Last 1 hour

Auto refresh
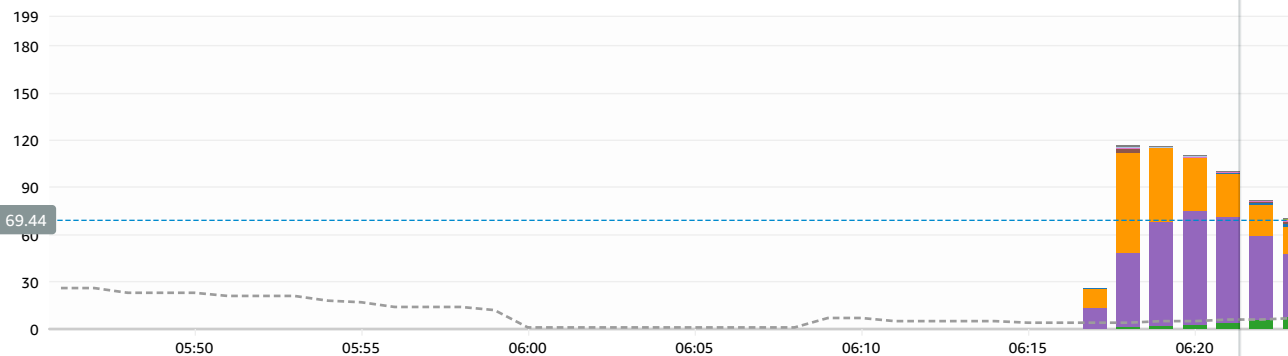
Database load   sliced by   Waits

Bar | Line | Table   Info
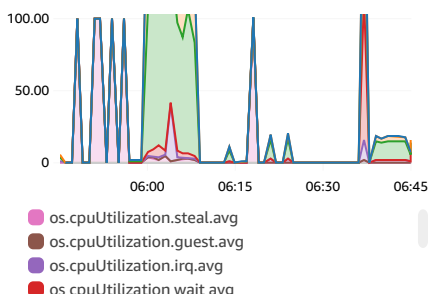
☑ Show estimated vCPU

Average active sessions (AAS)

```
199
180
150
120
 90
 69.44
 60
 30
  0
        05:50      05:55      06:00      06:05      06:10      06:15      06:20
```

Dimensions | **Metrics**

Metrics dashboard

Aurora MySQL database health summary ▼

Feedback | **Export to CloudWatch**

CPU utilization (Percent)

```
100.00

 50.00

     0
            06:00      06:15      06:30      06:45
```

● os.cpuUtilization.steal.avg
● os.cpuUtilization.guest.avg
● os.cpuUtilization.irq.avg
● os.cpuUtilization.wait.avg

Free memory (Bytes)

```
255.0G

127.5G

     0
            06:00      06:15      06:30      06:45
```

● FreeableMemory
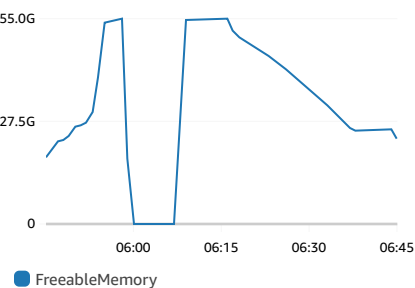
Out-of-memory kills (Count)

```
1.00

0.50

   0
          06:00      06:15      06:30      06:45
```

● os.memory.outOfMemoryKillCount.avg

IO latency (Milliseconds)

```
62.17

31.09

    0
          06:00      06:15      06:30      06:45
```

● os.diskIO.auroraStorage.readLatency.avg
● os.diskIO.auroraStorage.writeLatency.avg
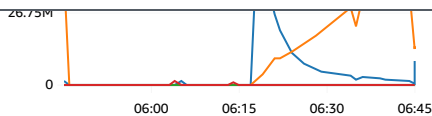● os.diskIO.rdstemp.await.avg   ● CommitLatency

1,635

0

06:00 06:15 06:30 06:45
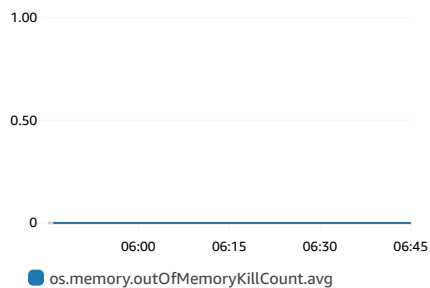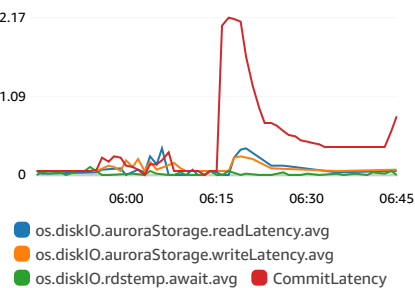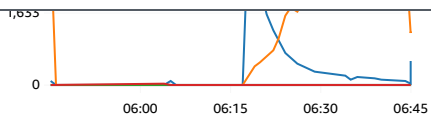
- os.diskIO.auroraStorage.readIOsPS.avg
- os.diskIO.auroraStorage.writeIOsPS.avg
- os.diskIO.rdstemp.readIOsPS.avg
- os.diskIO.rdstemp.writeIOsPS.avg

26.75M

0

06:00 06:15 06:30 06:45

- os.diskIO.auroraStorage.readThroughput.avg
- os.diskIO.auroraStorage.writeThroughput.avg
- os.diskIO.rdstemp.readKbPS.avg
- os.diskIO.rdstemp.writeKbPS.avg
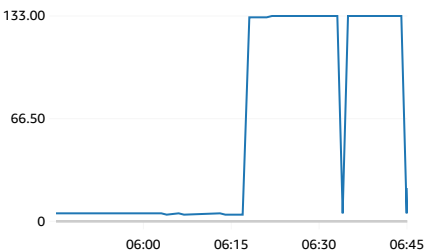
IO disk queue depth (Requests)

16.0

8.0

0

06:00 06:15 06:30 06:45
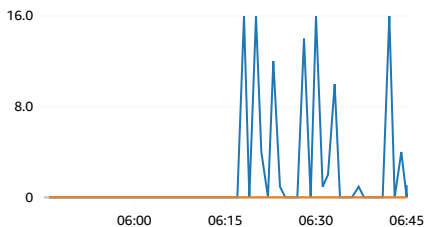
- os.diskIO.auroraStorage.diskQueueDepth.avg
- os.diskIO.rdstemp.avgQueueLen.avg
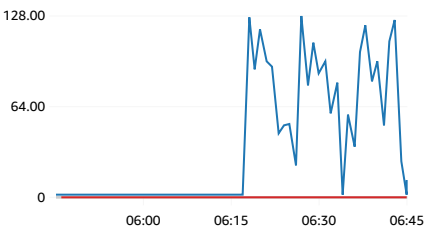
Network throughput (Bytes per second)

23.79M

11.89M

0

06:00 06:15 06:30 06:45
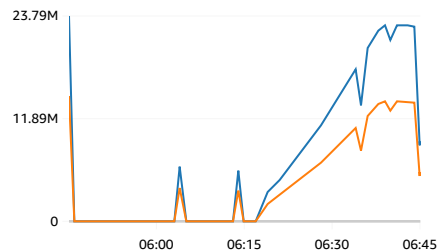
- os.network.tx.avg - os.network.rx.avg

Connection utilization (Connections)

133.00

66.50

0

06:00 06:15 06:30 06:45

- db.Users.Threads_connected.avg

Sessions (Sessions)

128.00

64.00

0

06:00 06:15 06:30 06:45

- DBLoad - db.Users.Threads_running.avg
- db.Users.Aborted_clients.avg

Logins (Connections)

133.00

66.50

0

06:00 06:15 06:30 06:45
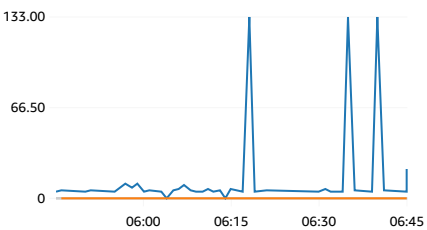
- db.Users.Connections.avg
- db.Users.Aborted_connects.avg

InnoDB history list length (Length)

143,901

71,951

0

06:00 06:15 06:30 06:45
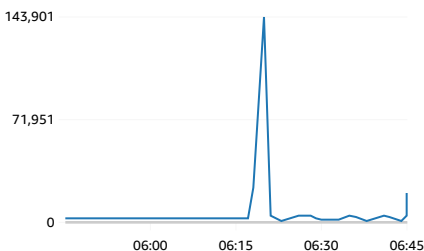
- db.Transactions.trx_rseg_history_len.avg

Queries (Per second)

102,389

51,194

0

06:00 06:15 06:30 06:45
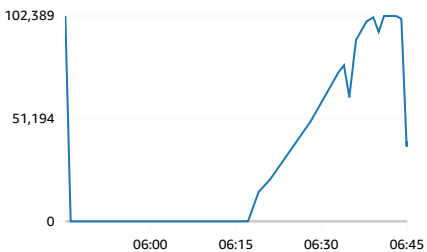
- db.SQL.Queries.avg

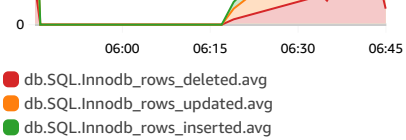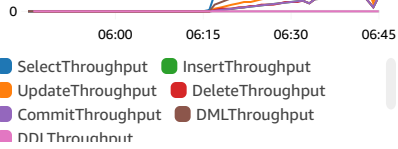## Query latency (Milliseconds)
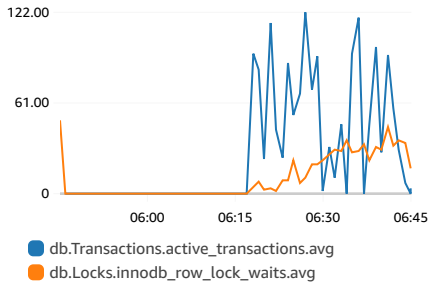
62.17

31.09

0

06:00 06:15 06:30 06:45
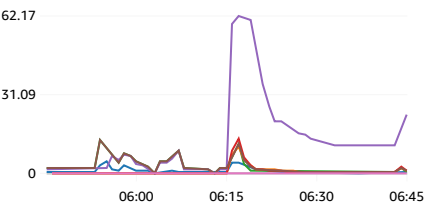
- SelectLatency - InsertLatency
- UpdateLatency - DeleteLatency
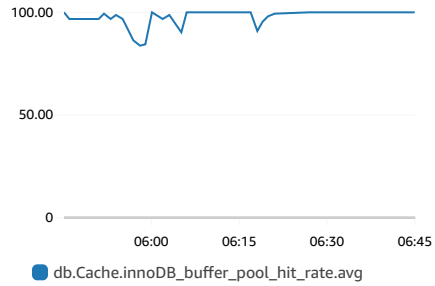- CommitLatency - DMLLatency - DDLLatency
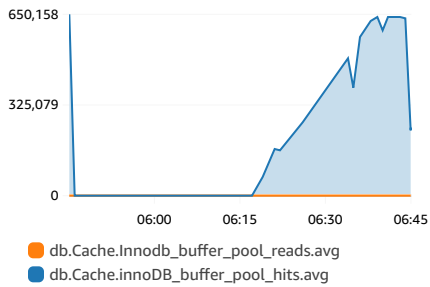
Query throughput (Per second)

DML (Rows per second)

0

06:00   06:15   06:30   06:45

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

0

06:00   06:15   06:30   06:45

- db.SQL.Innodb_rows_deleted.avg
- db.SQL.Innodb_rows_updated.avg
- db.SQL.Innodb_rows_inserted.avg

Active transactions vs. locks (Transactions)

122.00

61.00

0

06:00   06:15   06:30   06:45

- db.Transactions.active_transactions.avg
- db.Locks.innodb_row_lock_waits.avg

Buffer pool hit ratio (Percent)

100.00

50.00

0

06:00   06:15   06:30   06:45

- db.Cache.innoDB_buffer_pool_hit_rate.avg

IO cache vs. disk reads (Pages per second)

650,158

325,079

0

06:00   06:15   06:30   06:45

- db.Cache.Innodb_buffer_pool_reads.avg
- db.Cache.innoDB_buffer_pool_hits.avg

Row lock time (Milliseconds)

253

127

0

06:00   06:15   06:30   06:45

- db.Locks.Innodb_row_lock_time.avg
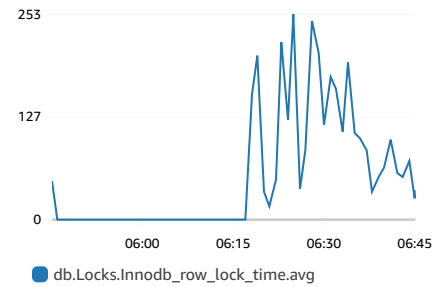
Deadlocks (Deadlocks per minute)

1.00

0.50

0

05:50   05:55   06:00   06:05   06:10   06:1

- db.Locks.innodb_deadlocks.avg