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 1 hour   ⟳   ○ Auto refresh   ⚙

Performance Insights supports additional retention tiers
To change your current retention tier, modify the database. Learn more ↗

Modify retention tier   ✕

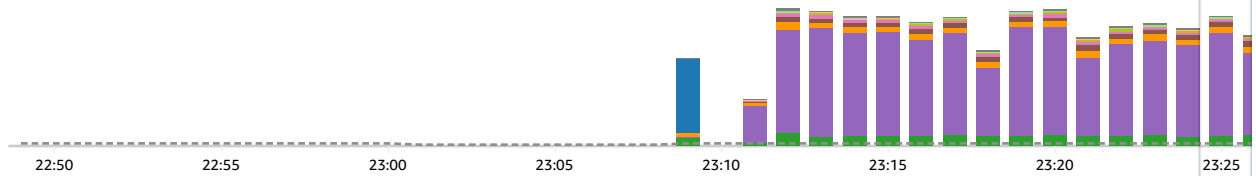## Database load   sliced by   Waits ▼   Bar | Line | Table   Info   ☑ Show estimated vCPU
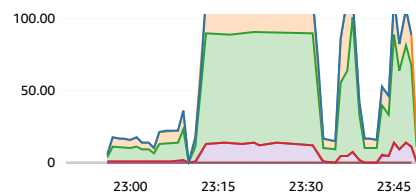
Average active sessions (AAS)

22:50   22:55   23:00   23:05   23:10   23:15   23:20   23:25

Dimensions | **Metrics**

Metrics dashboard

Aurora MySQL database health summary ▼   Feedback   Export to CloudWatch

CPU utilization (Percent)   ⋮

100.00

50.00

0
        23:00   23:15   23:30   23:45

● os.cpuUtilization.steal.avg
● os.cpuUtilization.guest.avg
● os.cpuUtilization.irq.avg
● os.cpuUtilization.wait.avg
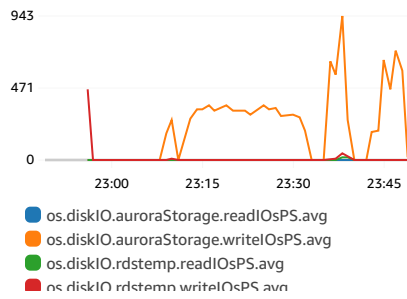
Free memory (Bytes)   ⋮

14.48G

7.239G

0
        23:00   23:15   23:30   23:45

● FreeableMemory

Out-of-memory kills (Count)   ⋮

IO latency (Milliseconds)   ⋮

IO operations (Per second)

943
471
0

23:00 23:15 23:30 23:45

- 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)

25.06M
12.53M
0

23:00 23:15 23:30 23:45

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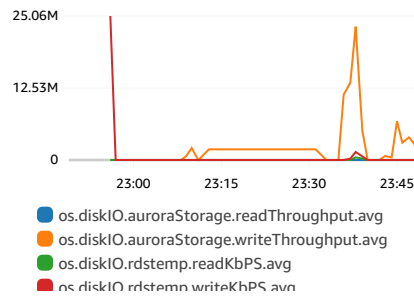
IO disk queue depth (Requests)

21.00
10.50
0

23:00 23:15 23:30 23:45

- os.diskIO.auroraStorage.diskQueueDepth.avg
- os.diskIO.rdstemp.avgQueueLen.avg
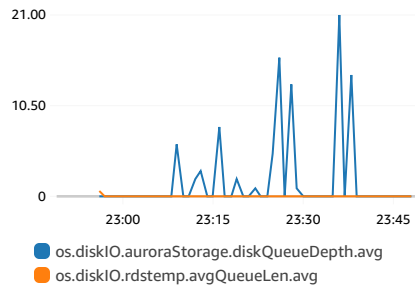
Network throughput (Bytes per second)

8.249M
4.125M
0

23:00 23:15 23:30 23:45

- os.network.tx.avg
- os.network.rx.avg
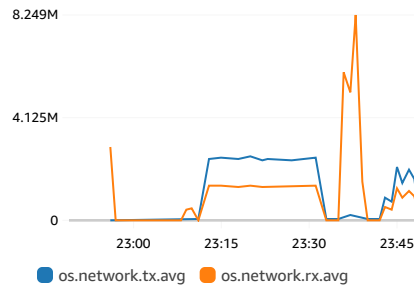
Connection utilization (Connections)

262
131
0

23:00 23:15 23:30 23:45

- db.Users.Threads_connected.avg

Sessions (Sessions)

244
122
0

23:00 23:15 23:30 23:45

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

Logins (Connections)

266
133
0

23:00 23:15 23:30 23:45

- db.Users.Connections.avg
- db.Users.Aborted_connects.avg
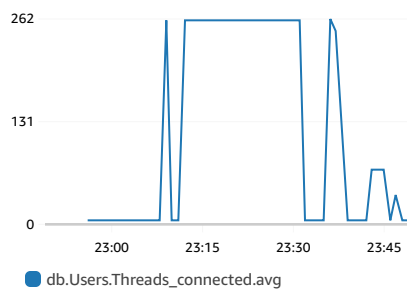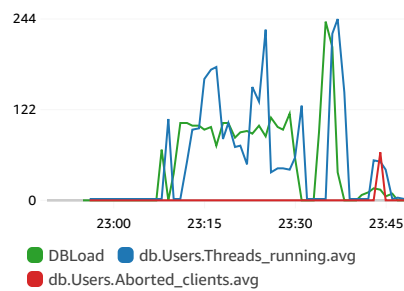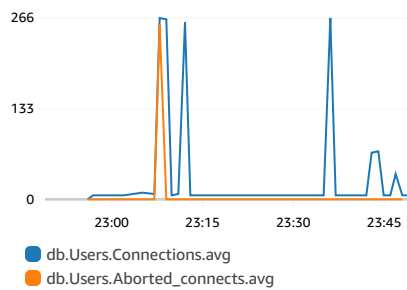
InnoDB history list length (Length)

4,898
2,449
0

23:00 23:15 23:30 23:45

- db.Transactions.trx_rseg_history_len.avg

Queries (Per second)

10,598
5,299
0

23:00 23:15 23:30 23:45

Query latency (Milliseconds)

39,084
19,542
0

23:00 23:15 23:30 23:45

- SelectLatency
- InsertLatency

6,678

3,339

0

23:00   23:15   23:30   23:45

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

46,494

23,247

0

23:00   23:15   23:30   23:45

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

Active transactions vs. locks (Transactions)

3,698

1,849

0

23:00   23:15   23:30   23:45

● db.Transactions.active_transactions.avg
● db.Locks.innodb_row_lock_waits.avg
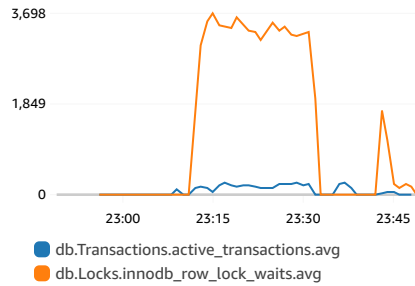
Buffer pool hit ratio (Percent)

100.00

50.00

0

23:00   23:15   23:30   23:45

● db.Cache.innoDB_buffer_pool_hit_rate.avg
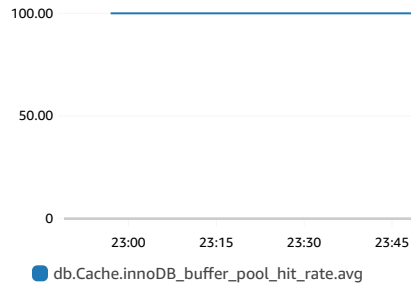
IO cache vs. disk reads (Pages per second)

150,827

75,414

0

23:00   23:15   23:30   23:45

● db.Cache.Innodb_buffer_pool_reads.avg
● db.Cache.innoDB_buffer_pool_hits.avg
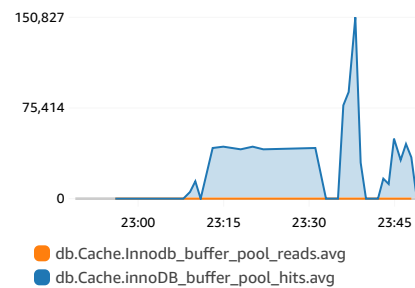
Row lock time (Milliseconds)

268,319

134,160

0

23:00   23:15   23:30   23:45

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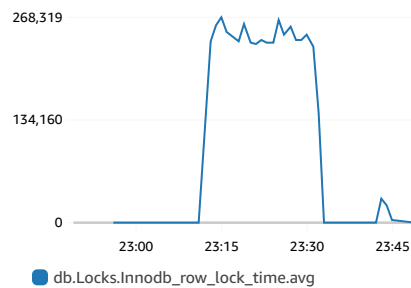
Deadlocks (Deadlocks per minute)

2.0

1.0

0

22:50   22:55   23:00   23:05   23:10   23:15

● db.Locks.innodb_deadlocks.avg