RDS > Performance Insights

serverless-db1-instance-1

serverless-db1-instance-1
Aurora MySQL   8.0.mysql_aurora.3.05.1   db.serverless ▼

Last 5 hours

↻   ○ Auto refresh   ⚙
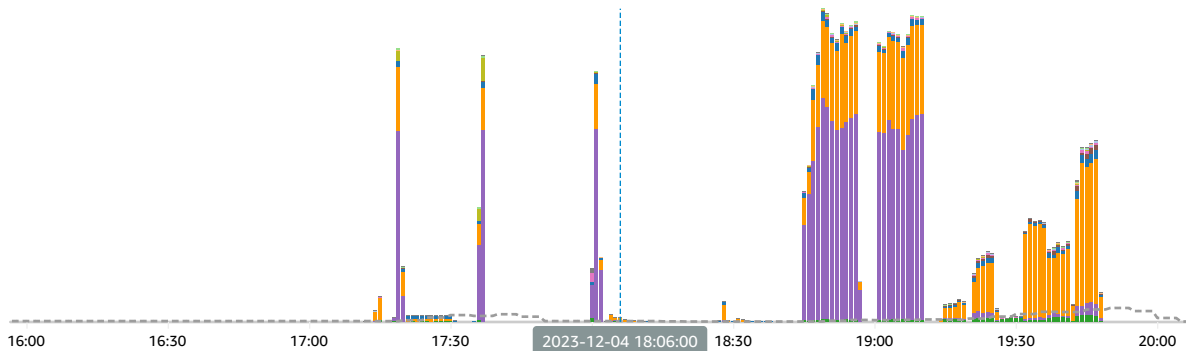
Database load   sliced by   Waits ▼ | Bar | Line | Table | Info   ☑ Show estimated vCPU

Average active sessions (AAS)

2023-12-04 18:06:00

16:00   16:30   17:00   17:30   18:30   19:00   19:30   20:00

Dimensions | **Metrics**

Metrics dashboard

Aurora MySQL database health summary ▼

Feedback   **Export to CloudWatch**

CPU utilization (Percent)   ⋮

100.00

50.00

0
16:00   17:00   18:00   19:00   20:00
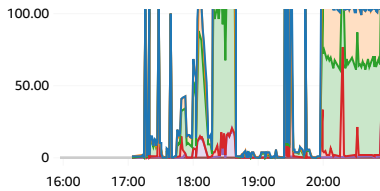
● os.cpuUtilization.steal.avg
● os.cpuUtilization.guest.avg
● os.cpuUtilization.irq.avg
● os.cpuUtilization.wait.avg

Free memory (Bytes)   ⋮

256.5G

128.2G

0
16:00   17:00   18:00   19:00   20:00
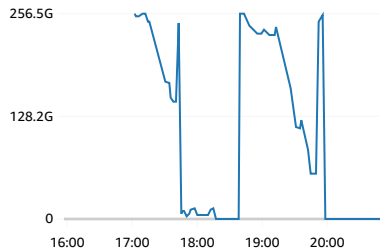
● FreeableMemory

Out-of-memory kills (Count)   ⋮

1.00

0.50

0
16:00   17:00   18:00   19:00   20:00
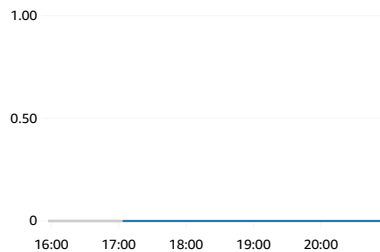
● os.memory.outOfMemoryKillCount.avg

IO latency (Milliseconds)   ⋮

401

200

0
16:00   17:00   18:00   19:00   20:00
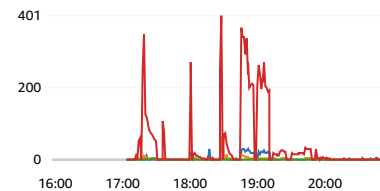
● os.diskIO.auroraStorage.readLatency.avg
● os.diskIO.auroraStorage.writeLatency.avg
● os.diskIO.rdstemp.await.avg
● CommitLatency

1,469

0

16:00 17:00 18:00 19:00 20:00

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

67.13M

0

16:00 17:00 18:00 19:00 20:00

- 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)

45.00

22.50

0

16:00 17:00 18:00 19:00 20:00

- os.diskIO.auroraStorage.diskQueueDepth.avg
- os.diskIO.rdstemp.avgQueueLen.avg

Network throughput (Bytes per second)

55.88M

27.94M

0

16:00 17:00 18:00 19:00 20:00

- os.network.tx.avg
- os.network.rx.avg

Connection utilization (Connections)

1,006

503

0

16:00 17:00 18:00 19:00 20:00

- db.Users.Threads_connected.avg

Sessions (Sessions)

995

498

0

16:00 17:00 18:00 19:00 20:00

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

Logins (Connections)

1,811

906

0

16:00 17:00 18:00 19:00 20:00

- db.Users.Connections.avg
- db.Users.Aborted_connects.avg

InnoDB history list length (Length)

10,572

5,286

0

16:00 17:00 18:00 19:00 20:00

- db.Transactions.trx_rseg_history_len.avg

Queries (Per second)

156,056

78,028

0

16:00 17:00 18:00 19:00 20:00

- db.SQL.Queries.avg

Query latency (Milliseconds)

5,660

2,830

0

16:00 17:00 18:00 19:00 20:00

- SelectLatency
- InsertLatency
- UpdateLatency
- DeleteLatency
- CommitLatency
- DMLLatency
- DDLLatency

Query throughput (Per second)

DML (Rows per second)

SelectThroughput **InsertThroughput**
UpdateThroughput **DeleteThroughput**
CommitThroughput **DMLThroughput**
DDLThroughput

db.SQL.InnoDB_rows_deleted.avg
db.SQL.InnoDB_rows_updated.avg
db.SQL.InnoDB_rows_inserted.avg

Active transactions vs. locks (Transactions)

159,595

79,798

0

16:00   17:00   18:00   19:00   20:00

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

Buffer pool hit ratio (Percent)

100.00

50.00

0

16:00   17:00   18:00   19:00   20:00

db.Cache.innoDB_buffer_pool_hit_rate.avg

IO cache vs. disk reads (Pages per second)

1.169M

584,485

0

16:00   17:00   18:00   19:00   20:00

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

Row lock time (Milliseconds)

26.96M

13.48M

0

16:00   17:00   18:00   19:00   20:00

db.Locks.Innodb_row_lock_time.avg

Deadlocks (Deadlocks per minute)

194.00

97.00

0

16:00   16:30   17:00   17:30   18:00   18:30   19:00

db.Locks.innodb_deadlocks.avg