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   ⚙

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)

```
200
      183.22
150

100

 50

  0
    03:50      03:55      04:00      04:05      04:10      04:15      04:20      2023-12-06 04:27:00  4:30      04:35      04:4
```
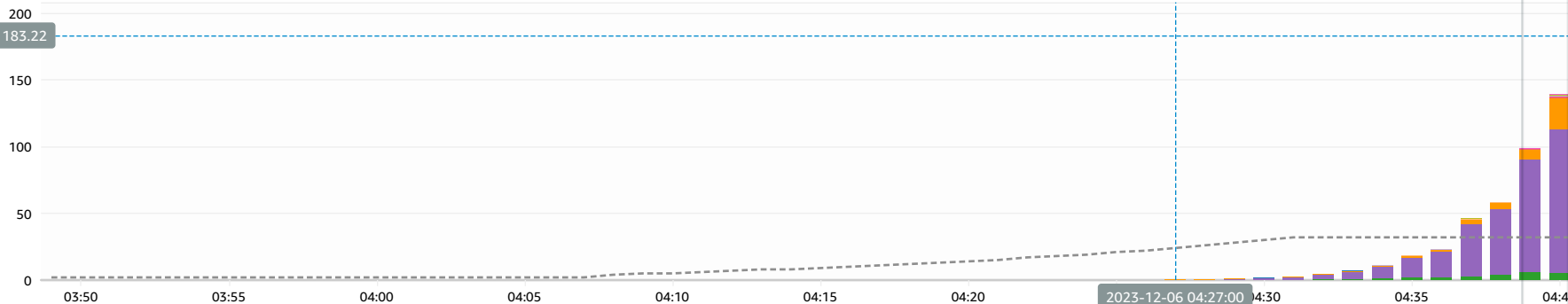
Dimensions | **Metrics**

Metrics dashboard

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

CPU utilization (Percent)   ⋮   **Free memory (Bytes)**   ⋮   **Out-of-memory kills (Count)**   ⋮
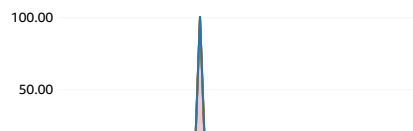
```
100.00                                    231.1G                                      1.00



 50.00                                                                                0.50

                                          115.6G
```

● os.cpuUtilization.irq.avg
● os.cpuUtilization.wait.avg

● FreeableMemory

● os.memory.outOfMemoryKillCount.avg

IO latency (Milliseconds)

24.57

12.29

0
04:00   04:15   04:30   04:45

● 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
04:00   04:15   04:30   04:45

● 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)

112.3M

56.13M

0
04:00   04:15   04:30   04:45

● 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)

8.0

4.0

0
04:00   04:15   04:30   04:45

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

Network throughput (Bytes per second)

22.94M

11.47M

0
04:00   04:15   04:30   04:45

● os.network.tx.avg   ● os.network.rx.avg

Connection utilization (Connections)

261

131

0
04:00   04:15   04:30   04:45

● db.Users.Threads_connected.avg

Sessions (Sessions)

251

126

0
04:00   04:15   04:30   04:45

● DBLoad   ● db.Users.Threads_running.avg
● db.Users.Aborted_clients.avg

Logins (Connections)

261

131

0
04:00   04:15   04:30   04:45

● db.Users.Connections.avg
● db.Users.Aborted_connects.avg

InnoDB history list length (Length)

27,767

13,884

0
04:00   04:15   04:30   04:45

● db.Transactions.trx_rseg_history_len.avg

Queries (Per second)

103,078

Query latency (Milliseconds)

24.57

Query throughput (Per second)

63,378

0

04:00   04:15   04:30   04:45

● db.SQL.Queries.avg

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

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

DML (Rows per second)

25,775

12,888

0

04:00   04:15   04:30   04:45

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

Active transactions vs. locks (Transactions)

161.00

80.50

0

04:00   04:15   04:30   04:45

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

Buffer pool hit ratio (Percent)

100.00

50.00

0

04:00   04:15   04:30   04:45

● db.Cache.innoDB_buffer_pool_hit_rate.avg

IO cache vs. disk reads (Pages per second)

757,511

378,755

0

04:00   04:15   04:30   04:45

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

Row lock time (Milliseconds)

166.00

83.00

0

04:00   04:15   04:30   04:45

● db.Locks.Innodb_row_lock_time.avg

Deadlocks (Deadlocks per minute)

1.00

0.50

0

03:50   03:55   04:00

● db.Locks.innodb_deadlocks.avg