Build Better Applications and Accelerate App Development with Amazon RDS

Whether you’re migrating a database or building a new app, choosing the right database can have a significant impact on your development schedule and code quality. Amazon Relational Database Service (RDS) promotes faster development, scalable applications, and low administrative costs.

Develop and Test Applications Quickly
A survey conducted by IDC found Amazon RDS delivers:

- Wherever you are in the build process, Amazon RDS helps to make informed decisions.
- 264% ROI compared to a non-managed database
- Use production data to test the impact of changes
- Lower costs by eliminating the need for third-party tools
- Restore the database between test runs
- Achieve quick access and recovery time—in seconds
- Integrate easily into test and query frameworks
- Start automatically and scale as the load increases
- Shut down automatically when no longer in use
- Pay for active databases only

Test effectively by creating quick, durable clones with Aurora Fast Database Cloning.

Develop efficiently by undoing your changes with Aurora Backtrack. Jump back to previous points in time without having to restore from a backup.

Manage development and test databases efficiently with Aurora Serverless. Save time and resources by having your database start, scale, and stop automatically.

Choose the instance type most suited to your workload and networking needs. Experience cost savings and high bandwidth.

Perform powerfully with general-purpose T Instances. Rely on a balance of compute, memory, and network resources.

Detect performance problems. Determine where and when to take action.

Build better by optimizing your SQL queries with RDS Performance Insights.

Scale Your Applications and Add New Functionality
Spend more time innovating on behalf of your customers and less time administrating. Amazon RDS makes it easy to go from application concept to deployment while lowering database administration costs.

Spend less time:
- Scale in the cloud with Amazon RDS
- Build globally distributed applications with fast local reads using Aurora Global Database
- Replicate data globally with cross-region read replicas
- Start, scale, and stop instances automatically with Aurora Serverless

Spend more time:
- As a fully managed database service, Amazon RDS automates routine tasks so you don’t have to.

Thinking about data architecture
Building new applications and features
Adding analytics and machine learning capabilities
Mitigating disasters
Managing user access
Retroactively tuning performance
Monitoring and troubleshooting apps

Application development shouldn’t be a tradeoff with administration. With Amazon RDS, you can lower your administrative burden without compromising your creativity.

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