



AWS Database Modernization

Reduce disruption with a migration guided by certified experts.

By 2022, Gartner® predicts 75% of databases will be deployed to the cloud. The benefits of the cloud — including increased capabilities, scalability and flexibility — are driving organizations to transform and migrate to cloud technologies, regardless of their size or industry. Unfortunately, most companies lack the skills, competencies, experience or resources to perform a migration while minimizing disruption and avoiding downtime.

That's where Rackspace Technology comes in. As part of the migration service, migration experts will discuss your business goals, develop a migration strategy, prepare a detailed migration plan, manage the transformation and migration process, and put each database back into production.

Experts Dedicated to Your Success

Rackspace Technology is uniquely positioned to provide expertise, reduce risks and increase overall confidence in reaching your database migration and transformation goals. Database and AWS specialists will assess your database environments and determine which set of AWS services will fit your use-case. AWS services include Amazon Aurora, Amazon RDS, Amazon Redshift and Amazon DynamoDB.

Key Features

The AWS Database Modernization solution delivers these critical features:

- **Database assessment:** Assess the environment and deliver critical findings, recommendations and a migration roadmap.
- **Lift & shift platform migrations:** Migrate databases from on-prem and private cloud environments to the AWS platform.
- **Move to managed database migrations:** Migrate from Oracle, SQL Server, MySQL, MariaDB and PostgreSQL to fully managed Amazon RDS.
- **Break free transformations:** Transform and migrate commercial or proprietary databases to AWS services.

Key Benefits

Gain these benefits when you deploy the AWS Database Modernization solution:

- A customized, best-fit migration solution aligned to your business goals and timeline.
- Reduced risk and disruption with a team of AWS-certified database migration experts.
- An efficient and predictable database move using a proven methodology.
- Accelerated innovation by focusing on the application rather than the databases.

About Rackspace Technology®

Rackspace Technology is your trusted partner across cloud, applications, security, data and infrastructure.

- A leader in the 2020 Gartner Magic Quadrant for Public Cloud Infrastructure Professional and Managed Services, Worldwide
- 2,600+ certified experts
- Hosting provider for more than half of the Fortune 100
- 20+ years of hosting experience
- Customers in 120+ countries
- 1,800+ AWS technical certifications worldwide
- 12 AWS service delivery designations, including Database Migration Services, DynamoDB, EMR, QuickSight, RDS and Redshift
- Expertise across 15 competencies:
 - Data and analytics
 - DevOps
 - Education
 - Financial services
 - Healthcare
 - Industrial software
 - IoT
 - Machine learning
 - Microsoft® workloads
 - Migration
 - Oracle®
 - Retail
 - SaaS
 - Storage
 - Travel and hospitality

"Patients have access to materials they haven't before and in a way, that's much easier for them to understand."

Ken Olbrish :: Group Project Manager, Arthrex

Rackspace Database Assessment

Get started with a Rackspace Database Assessment to gain the substantial cost savings, performance and scalability options of migrating to a modern database structure. The offering is delivered in these two phases:

Phase 1

Rackspace Technology works with you to understand the intricacies of your database ecosystem and propose the most efficient and cost-effective migration path to a next-generation database platform. During the discovery phase of the assessment, migration experts will perform the following:

1. Perform the initial long range planning session to define the working backlog.
2. Run the AWS Schema Conversion Tool and generate migration report.
3. Conduct stakeholder interviews to understand the current and desired future-state for databases and apps.
4. Review the current AWS environment.
5. Conduct a deep dive on current databases and assess application stack dependencies.
6. Conduct an application-level inspection and impact assessment for migration.
7. Run a security-level inspection.
8. Review licensing and costs, tools and processes for code deployments, and logging and monitoring requirements.
9. Align with your organization's development standards.

Phase 2

At the conclusion of the project, Rackspace Technology will provide knowledge transfer and assets developed from this project, as well as a detailed report for database migration efforts to help establish validity, ROI and risk management around the migration.

1. Prepare database migration assessment and planning, including:
 - Formulate recommendation report for target database(s) based on SCT report analysis and requirements for sizing, performance and scalability.
 - Identify and document application dependencies, application-level code update plan (if applicable) and level of effort for database migration.
 - Document migration testing strategy.
2. Prepare the recommended migration approach, roadmap and estimated effort.

Deliverables

- Complete analysis and recommended roadmap
- Estimated level of work for database migration
- Diagrams, migration guides and support documentation

Estimated duration and cost: 4 weeks at \$60k

Fanatical Experience®

Experts on your side, doing what it takes to get the job done right. From first consultation to daily operations, Rackspace Technology combines the power of always-on service with best-in-class tools and automation to deliver technology when and how you need it.

Take the Next Step

Schedule a no-cost data discovery call with an AWS-certified data solutions architect to learn more. AWS Partner Funding available for qualifying customers. Some exclusions may apply.

Learn more: www.rackspace.com/lp/data-discovery-session
Call: 1-800-961-2888