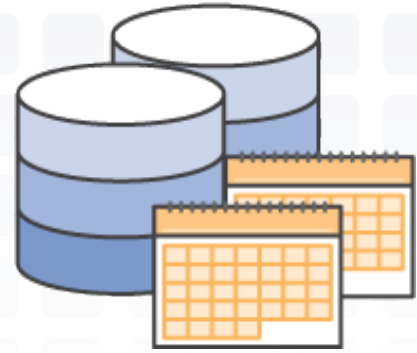




# Migrating to Amazon Aurora and Amazon RDS with Aritex IT



## What is Amazon RDS?

Amazon Relational Database Service (Amazon RDS) is a managed database service that enables you to easily set up, operate, and scale a relational database leveraging any of seven familiar database engines, including Amazon Aurora (PostgreSQL), Amazon Aurora (MySQL), PostgreSQL, MySQL, MariaDB, Oracle, and Microsoft SQL Server. Amazon RDS leverages cost-efficient and resizable capacity, and provides management for time-consuming database administration tasks. Amazon RDS can help you free up time and resources for other value driving tasks such as performance tuning. Amazon RDS provides administration for Amazon Aurora by handling routine database tasks such as provisioning, patching, backup, recovery, failure detection, and repair.

## What is Amazon Aurora?

Amazon Aurora is a high performance, secure, and highly available MySQL- and PostgreSQL-compatible relational database hosted on Amazon Web Services (AWS). Combining the speed and availability of high-end commercial databases with the simplicity and cost-effectiveness of open source databases, Amazon Aurora delivers up to 5x better performance than MySQL and twice the performance of PostgreSQL at one tenth the cost of a commercial database.

## Database Migration and Conversion Service

Aritex IT works with you to determine the cloud database solution that best fits your business, technical, operational, and licensing requirements. A member of our senior consulting staff and a project manager are assigned and in place from start to finish to ensure your success. Solutions are cost optimized based on your workload demands and usage patterns to reduce your ongoing expense. A transfer of knowledge is provided to your staff to aide in the transition to the cloud.

Delivery Methodology: 1. Discovery Workshop 2. Proof of Concept 3. End-to-End Solution Delivery 4. Knowledge Transfer 5. Value Optimization

## Why Migrate to Amazon RDS and Amazon Aurora with Aritex IT



### OPTIMIZED SOLUTION

Aritex IT extensive knowledge and expertise can fill your skills gap and personnel constraints to ensure a timely and successful database migration and conversion. We won't send in a junior consultant once the SOW is signed.



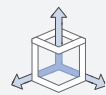
### FULLY MANAGED

Amazon RDS takes care of tasks such as infrastructure provisioning and database software maintenance for you, allowing you to focus on driving business growth.



### HIGHLY AVAILABLE

Aritex IT ensure high availability during and after the database migration. Amazon RDS runs on the same highly available infrastructure as other AWS services.



### SCALABLE

Aritex IT can design a database solution that will scale up and down as per your needs, using the flexible compute, storage, and networking resources of AWS.



## Why Should You Migrate Your Database to AWS?

Migrating your databases to AWS does more than just give you access to the benefits of the cloud, such as scalability, security, speed, and cost-effectiveness. By leveraging managed database services on AWS, your organization can also improve operational efficiency by freeing up resources to drive business value. Your database architects and developers no longer need to spend significant time provisioning, maintaining, and updating your on-premises database infrastructure. Instead, they can spend their time developing applications using key insights and metrics to tune your environment for optimal performance.

## Database Migration Use Cases and Benefits



### APPLICATION DEVELOPMENT

A managed database service means your database architects and developers can focus on high-value work like developing new applications and adding new features to existing applications.



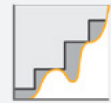
### DATABASE AND APPLICATION MODERNIZATION

Database migrations are an opportunity to modernize your databases and applications, ensuring they're optimized and ready to take advantage of the modern, scalable database infrastructure available on AWS.



### REDUCE DATABASE LICENSING COSTS

AWS cuts your database costs with a pay-as-you-go pricing model, allowing you the freedom to pay for only the capacity you really need. Amazon Aurora offers an enterprise-class database at 1/10th the cost of commercial databases.



### NEW ANALYTICS AND MACHINE LEARNING CAPABILITIES

AWS gives you access to a broad and deep set of analytics services provided by AWS and Aritex IT. These services can help uncover previously hidden insights, at a scale difficult to achieve in an on-premises environment.

## Maximize the value obtained from your IT budget

Spend your IT budget advancing business intelligence not maintaining and refreshing aging infrastructure by taking advantage of utility-based economics. Have the flexibility to meet the demands of your business, improve time to market for new solutions, and get access to the latest tech. Let Aritex IT and AWS help advance your cloud solutions to stay a step ahead of the competition.

[aritet.com](http://aritet.com)

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