

Modernize your relational databases on AWS

Accelerate cloud success with Amazon RDS Partners and their integrated products

Relational databases on Amazon Web Services (AWS)

To increase agility, companies of all sizes are increasingly building relational databases on AWS to leverage the inherent benefits of the cloud, including:



Ease of use: Quickly launch a relational database without provisioning infrastructure or installing software.



Scalability: Scale database, compute, and storage resources up and down with only a few mouse clicks or an API call.



High availability and durability: Take advantage of reliable, global computing infrastructure and automated backup protocols.



Cost-efficiency: Save money by paying for only the resources you use, without any upfront investment.



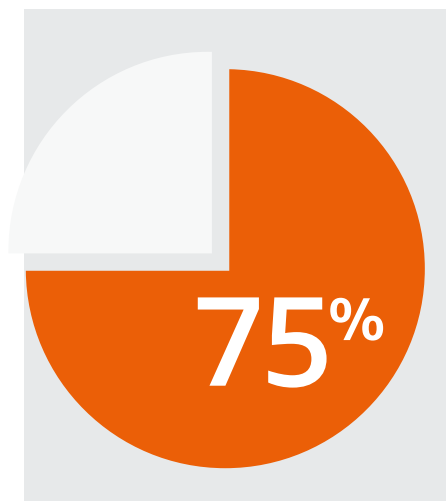
Flexibility: Select the database engine of your choice, including open source options like MySQL and PostgreSQL.

By deploying relational databases on AWS, you can release IT from ongoing database administration tasks and instead dedicate time to revenue-impacting activities like application development and performance improvements.

Meet today's challenges with speed and scalability

Today's modern applications and transactional systems require speed, high throughput, massive storage scalability, and high availability. At the heart of these applications and systems are relational databases, which can process transactions and deliver information faster than ever before.

As these databases have adapted to handle greater complexity, their day-to-day management has become increasingly resource-intensive, demanding time-consuming administration from IT teams. Businesses may also face costly licenses and restrictive terms imposed by on-premises database providers, which can limit choice and flexibility.



By 2022, **75%** of all databases will be deployed or migrated to a cloud platform.¹

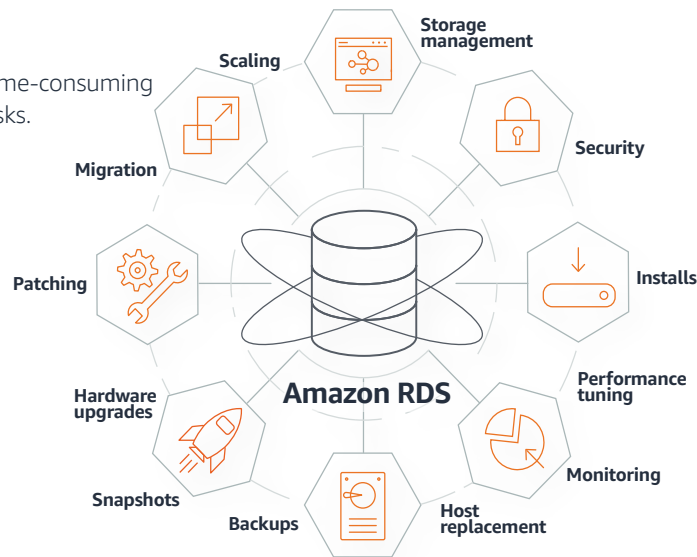
¹ Source: Gartner Says the Future of the Database Market Is the Cloud, Gartner, July 1, 2019.

Simplify database management with Amazon RDS

Amazon Relational Database Service (Amazon RDS) is a managed service that makes it easy to set up, operate, and scale an industry-standard relational database on AWS. It eliminates hardware provisioning and reduces operational overhead, so your team can focus on optimizing applications for performance, high availability, and security.

How it works

Amazon RDS automates time-consuming database administration tasks.



Amazon RDS customers **save an average of 39% per database in operational costs over three years, in comparison to their previous on-premises environment.**¹

¹ Source: Amazon Relational Database Service Delivers Enhanced Database Performance at Lower Total Cost, IDC, 2020

With Amazon RDS, you have the freedom to use the relational database of your choice, including popular open source and commercial engines (PostgreSQL, MySQL, MariaDB, Oracle Database, and SQL Server), as well as Amazon Aurora.

Amazon RDS features:

Pre-configured instances with set parameters	Easily resizable capacity	Enhanced reliability
Launch a database instance for your chosen engine and connect your application within minutes.	Quickly adjust compute, memory, and storage in response to changing requirements.	Leverage multi-availability zone deployments along with automated backups, database snapshots, and automatic host replacement.
Configuration governance	Monitoring and metrics at no additional charge	High-level security
Amazon RDS records and audits changes made to the configuration of your database instance, in support of governance and security.	View Amazon CloudWatch reports for your database instances in your AWS Management Console.	Amazon RDS secures your databases using encryption keys, virtual network isolation, and resource-level permissions.

Plus, with **Amazon RDS**, there are no upfront investments required, and you only pay for the resources you use.

Use cases

- **Web and mobile applications:** No licensing constraints means Amazon RDS meets the needs of highly demanding applications with variable use patterns, providing room for future growth.
- **Enterprise applications:** Amazon RDS provides a managed database that helps enterprises build high quality customer experiences and meet PCI compliance, without worrying about database management.

"Cloudreach brought highly specialized skills that we didn't have internally at BP, and helped us establish our cloud regions, our technical patterns, automated everything from the outset, and ensured billing transparency for our businesses - something we were never able to do on an on-premises environment."

– **Stewart Fry**,
VP and CIO Global
Enterprise Systems at BP



Work with validated AWS Partners

The **AWS Service Delivery** and **AWS Service Ready Programs** identify AWS Partners with technical experience and proven success specializing in **delivering an AWS service**, or in **building products** that work with AWS services. You can simplify your technology evaluation process and increase purchasing confidence, knowing these companies' solutions have passed a strict AWS validation of security, performance, and reliability.

Deploy relational databases with confidence

Amazon RDS Delivery Partners have deep expertise delivering Amazon RDS to end customers following AWS best practices. Their solutions are vetted through a rigorous review of customer case studies, architectural diagrams, and technical capabilities. They can help you build relational databases (using Amazon Aurora and Amazon RDS for PostgreSQL, MySQL, MariaDB, Oracle Database, and SQL Server) on AWS, as well as operate, scale, and monitor these databases.

Amazon RDS Ready Products seamlessly work with Amazon RDS databases and are validated by AWS Partner Solutions Architects who review product architectures, customer documentation, case studies, and integration details for sound architecture and high availability. These products either help customers with relational database migration, governance, performance, and monitoring or they support the use of the Amazon RDS platform applications already deployed within a customer's AWS account.

With Amazon RDS Delivery Partners and Amazon RDS Ready Products you can:

Modernize your database with professional support

Migrate, build, and scale relational databases on AWS with skilled, expert support.

Benefit from deep, focused experience

Leverage Amazon RDS Delivery Partners' extensive expertise, plus knowledge of AWS best practices and the latest Amazon RDS capabilities.

Optimize your Amazon RDS investment

Work with Amazon RDS Delivery Partners who can help you build your relational database in a way that saves both time and money.

Decrease implementation time

Shorten the time spent on evaluating, identifying, and implementing high-quality, Amazon RDS-compatible products.

Complement Amazon RDS functionality with validated tools

Add new capabilities to your relational databases or applications with trusted Amazon RDS Ready Products.

Reduce compatibility risk

Amazon RDS Ready Products have a proven track record of successfully working with Amazon RDS, which means less chance of technology failure.

