

Amazon RDS for Db2

Set up, operate, and scale a Db2 database on AWS in just a few clicks



Highlights

Save time and costs on managing tedious database tasks

Ensure secure and highly available deployments

Integrate natively with AWS and IBM data and AI tools

Experience easy migration from Db2 and Oracle on-premises environments

Companies are leveraging AI for more informed decisions, task automation, and greater efficiencies. However, AI relies on extensive data, demanding flexible cloud-native database architectures for scalability, cost-effectiveness, and performance. Self-managing database tasks hinders innovation. Modernizing to fully managed cloud services enables flexible, secure, and scalable data management, unlocking greater value for next-gen applications and AI workloads.

Amazon Relational Database Service (Amazon RDS) for Db2 makes it easy to set up, operate, and scale Db2 deployments in the cloud.

Save time and costs on managing tedious database tasks

Automate administrative tasks such as migrations, provisioning, backup/restore, and more. According to IDC, RDS enables DBAs to manage up to 60%¹ more databases, freeing DBAs to focus on higher-value work like application modernization and query optimization. Automation of these tasks also can reduce operating costs up to 39%.¹

Ensure secure and highly available deployments

Keep your most sensitive data secure and support compliance programs, such as HIPAA, FedRAMP, and more. Security features include encryption in transit and at rest, a fully configurable network using Amazon VPC, and more. Achieve business continuity with high availability and disaster recovery capabilities, such as multi-AZ and cross-region backups, which backups your entire DB instance in Amazon S3.

Focus your teams here:	Let AWS do the work:
Schema design	Migration
Query construction	Backup and recovery
Query optimization	Patching
Application modernization	Configuration
New cloud native apps	Software, storage, and server upgrades
AI and ML based applications	Hardware issues

Amazon RDS for Db2 automates repetitive administrative tasks, such as provisioning, backup/restore, and software patching, reducing operating costs by up to 39%¹ and enabling DBAs to manage up to 60%¹ more databases.

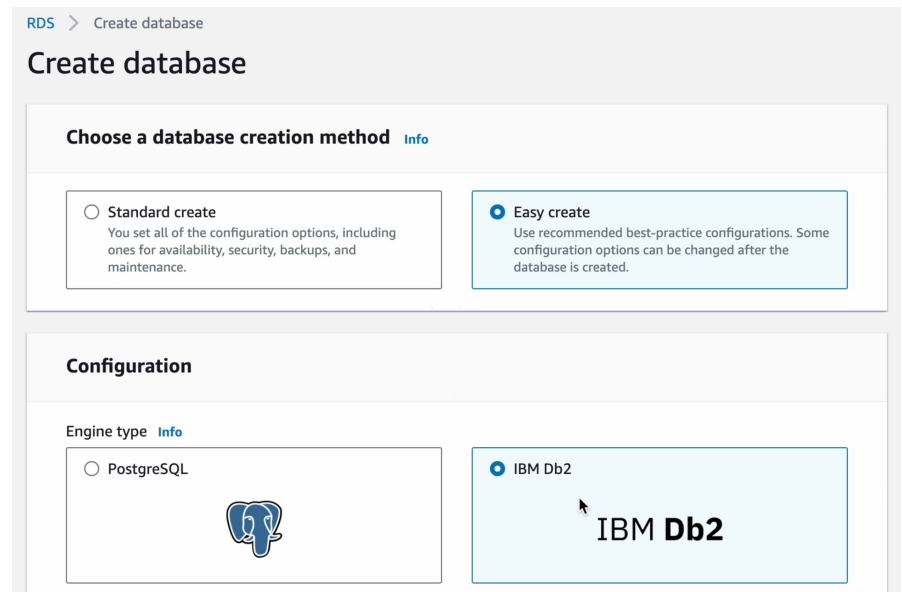


Figure 1. Amazon RDS for Db2 makes it easy to set up, operate, and scale Db2 deployments in the cloud in a matter of clicks

Integrate natively with AWS and IBM data and AI tools

Natively integrate with key IBM data and AI SaaS offerings running on AWS, such as IBM® Db2® Warehouse, IBM® watsonx.data™ open data lakehouse, so you can easily shift and unify datasets for AI using zero-ETL. Integrate with key AWS services like Amazon Key Management Service, Amazon Identity Access Management, Amazon S3, and others.

Experience easy migration from Db2 and Oracle on-premises

Easily migrate using managed services, such as AWS Database Migration Service (AWS DMS) or using native Db2 migration tools, ensuring near-zero downtime and zero data loss. On-premises Db2 and Oracle customers can seamlessly migrate without schema conversions or disruptions to existing applications.

Getting Started

Get started with [Amazon RDS for Db2](#) with just a few clicks today and take advantage of pay-as-you-go pricing and a bring-your-own-license option for existing Db2 customers.

To learn more about Amazon RDS for Db2 or see a live demo, contact your IBM representative or IBM Business Partner, or visit ibm.com/db2

1. IDC, "Amazon Relational Database Service Delivers Enhanced Database Performance at Lower Cost," March 2020.

© Copyright IBM Corporation 2024
IBM Corporation
New Orchard Road
Armonk, NY 10504

Produced in the
United States of America
January 2024

IBM and the IBM logo are trademarks or registered trademarks of International Business Machines Corporation, in the United States and/or other countries. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on ibm.com/trademark.

This document is current as of the initial date of publication and may be changed by IBM at any time. Not all offerings are available in every country in which IBM operates.

THE INFORMATION IN THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTY OR CONDITION OF NON-INFRINGEMENT.

IBM products are warranted according to the terms and conditions of the agreements under which they are provided.

