

Fully managed on-premises databases

Run Amazon RDS on VMware

What is Amazon RDS on VMware

Amazon RDS on VMware lets you deploy Amazon Relational Database Service (Amazon RDS) in an on-premises VMware environment to simplify the management of relational databases, which is often complex and time consuming. Amazon RDS on VMware makes it easy to set up, scale, and operate relational databases in your on-premises VMware vSphere (vSphere 6.5 or higher) clusters by using the AWS Management Console to manage your databases both on premises and in the cloud. Amazon RDS on VMware currently supports:

- MySQL 5.7
- PostgreSQL 10.9
- Microsoft SQL Server 2016 SP2 Enterprise Edition (on-premises customer provided license and media)

Why deploy Amazon RDS on VMware?

Amazon RDS on VMware helps accelerate your move from self-managed databases to managed services for on-premises workloads. Doing this can help your organization reduce operational costs while keeping data on premises. Amazon RDS on VMware also allows you to utilize the same simple interface for managing databases in on-premises vSphere environments as you would use in AWS.

Accelerate your move from self-managed databases to managed database services.



Fully managed databases

Automate database provisioning and simplify monitoring, backup, point-in-time restore, and compute scaling by running Amazon RDS on VMware.



Available and durable

Employ a wide range of health monitoring resources to rapidly detect and recover unhealthy instances and seamlessly back up and restore.



Leverage existing infrastructure

Running Amazon RDS on VMware enables you to use VMware vCenter to manage the on-premises VMs that run Amazon RDS on VMware.

Automate database management with Amazon RDS on VMware

Deploy Amazon RDS on VMware to gain database administration in your on-premises environment. Use Amazon RDS on VMware to automate provisioning, patching, and monitoring of databases so you can focus on your business applications. You can also address data sovereignty and application performance that is sensitive to data access latency, and benefit from the snapshot/restore capability that makes point-in-time restoration possible.

How to get started



Preparing your environment

- [Getting started with Amazon RDS on VMware](#)
- Set up your AWS account
- Prepare your vSphere environment for installation



Provisioning and management

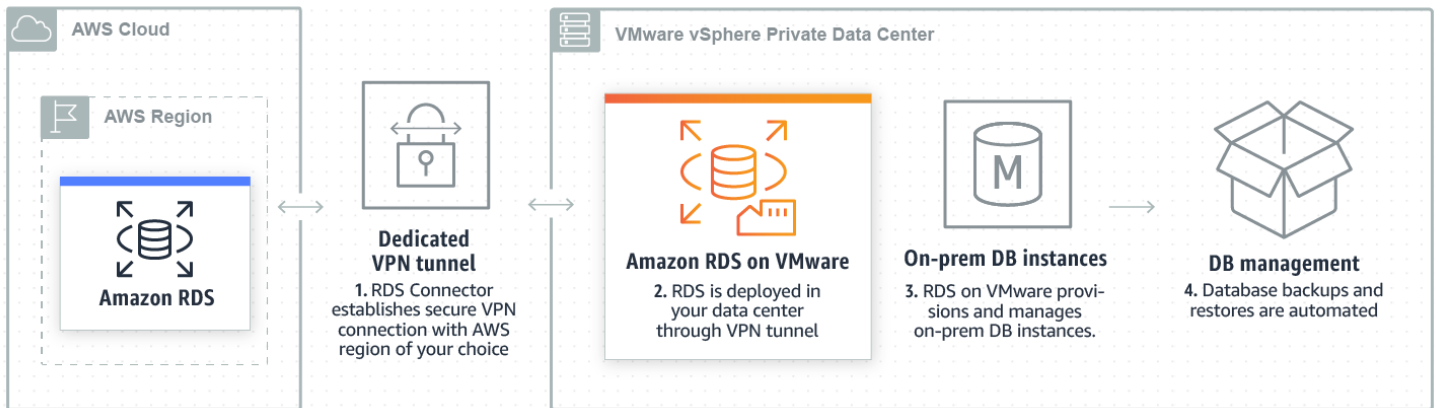
- Create an Availability Zone for the vSphere cluster using the Amazon RDS console
- Download and install Amazon RDS on VMware onto the vSphere cluster to establish the connection to AWS
- Install the database media of your choice and create an on-premises DB instance



Backup, restore, and monitor databases

- Database instances are monitored with performance statistics sent to Amazon CloudWatch

Manage your on-premises Amazon RDS databases **from a single pane of glass** using the AWS Management Console.



Get started

Contact your AWS account manager or a sales representative today, or visit [Amazon RDS on VMware](#) to learn more.

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