

VMware Data Services Manager

Database Management for vSphere

Benefits

- **Simplified Operations:** deploy and manage open-source and commercial databases easily and consistently on vSphere, with minimal training.
- **Developer-Ready Data Infrastructure:** get the self-service capabilities developers need to create apps at scale, plus the governance IT admins and DBAs require to manage databases.
- **Peace of Mind:** reduce risks with central security, compliance, support, and lifecycle management.

Enterprises prefer running many of their databases in on-premises data centers for a variety of reasons such as better economics, network bandwidth, latency-sensitivity, data privacy or sovereignty, regulatory compliance and the technical complexities of refactoring and migration. VMware Data Services Manager empowers their IT admins, DBAs developer teams and their business decision makers to achieve the full benefits of their on-premises infrastructure.

VMware Data Services Manager

VMware Data Services Manager makes IT teams more productive by simplifying the deployment and management of open-source and commercial databases on vSphere from a single pane of glass. It also provides the self-service capabilities and APIs developers need to deliver apps with high velocity to meet business objectives, plus the governance IT admins and DBAs require to manage databases at scale. All of those with peace of mind by reducing risks with central security, compliance, support, and lifecycle management. VMware Data Services Manager is the modern platform to manage and consume databases on vSphere.

Get Started

- Download free trial (30 days):
<https://network.tanzu.vmware.com/products/data-management-tanzu/>



Figure 1: Manage databases on vSphere with simplified operation, developer-ready data infrastructure and peace of mind.

Resources

- Technical documentation: <https://docs.vmware.com/en/VMware-Data-Services-Manager/index.html>
- For more information, please visit the VMware Data Services Manager homepage: vmware.com/products/data-services-manager.html

Supported vSphere and DBs

- vSphere 6.7 or above
- vSphere ENT or above
- Postgres 10.x, 11.x, 12.x, and 13.x
- MySQL v8.X
- Microsoft SQL Server Editions of Enterprise, Standard, and Developer of version Microsoft SQL Server 2019.

Primary Use Cases

1. Data Infrastructure Modernization

With the significant growth in database instances and types due to app modernization, IT teams need to also modernize their data infrastructure to meet those demands with more automation and practices that ensure reliable, high-quality and secure data.

2. Accelerate App Delivery

Ensure that app developers are in charge of their data needs, and can deliver apps with high velocity in order to meet business objectives. Developers can't be slowed down by outdated processes – they need a modern platform providing a fast, self-service consumption experience that allows them to request and start using databases in their app in minutes.

3. Security and Compliance at Scale

Strengthen the security and compliance of all your databases running on vSphere from a single pane of glass. This empowers IT teams to manage risk, maintain governance, and ensure databases remain in compliance more effectively.

Key Features

Provisioning	Provision different configurations of databases (MySQL, Postgres, and SQL Server) with either freely configurable or pre-defined sizing of compute and memory resources, depending on user permissions
Scaling	Modify instances depending on usage (scale up, scale down, disk extension).
Patching	Plan patch & updates (including OS), on-demand or as scheduled.
Backup	Backup, Transactional log, Point in Time Recovery (PiTR), on-demand or as scheduled.
Replication	Replicate (Cold/Hot or Read Replicas) across managed zones.
Monitoring	Monitor database engine, vSphere infrastructure, networking, and more.