

VMware

Data Services Manager

The DBaaS solution for Private Clouds

VMware Data Services Manager At-a-Glance

VMware Data Services Manager simplifies and automates database lifecycle management for PostgreSQL, MySQL, and Microsoft SQL (Tech Preview) on VMware Cloud Foundation.

DSM delivers a cloud-like experience with centralized and automated provisioning, backup, patching, and scaling, ensuring operational efficiency, and enhanced security for your private cloud.

“This is exactly the technology that Broadcom’s IT is using to provide database-as-a-service to thousands of our own developers for business critical use cases. And for me, there is no better validation for our product than that.”

Christos Karamanolis,
Broadcom Fellow,
Broadcom

The future of enterprise innovation hinges on data - yet managing the exponential growth of data services within private clouds presents significant challenges for organizations. As digital transformation accelerates and new use cases emerge, IT teams often struggle to keep pace.

The challenges of managing data services in private clouds

Managing a growing number of data services – provisioning, patching, scaling, backup, and more - while maintaining consistent operations, performance, security, and governance, is a complex and costly undertaking. Let’s explore the key challenges faced by IT organizations:

- Slow Time-to-Market - developers are slowed down by the lack of automation for deployment, HA, backup & restore across data services.
- Security gaps - Lack of mature tools, processes, and dedicated teams expose applications using open-source data services to cyberattacks.
- Talent scarcity - Finding and retaining skilled professionals who can efficiently manage data services at scale is very challenging.

VMware Data Services Manager

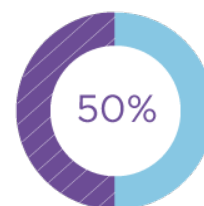
VMware Data Services Manager simplifies the management of popular databases like Postgres, MySQL, and Microsoft SQL (Tech Preview). Built for VMware Cloud Foundation, it streamlines database lifecycle management with functionality ranging from fast provisioning to automated backups, to patching and beyond. DSM empowers users to easily deploy new data services at scale while ensuring efficiency, security, and consistent operations within your VCF infrastructure.



Up to 90% Faster to market for new apps¹



Average 75% Productivity gain for day 2 Operations



Greater than 50% Lower Costs²

1. * VMware internal testing and validated in customer proof-of-concepts

2. ** VMware Cloud Economic team

Why VMware DSM?

- Centralized Control Optimizes resource use and strengthens data governance.
- Enhanced visibility Enables rapid issue identification and resolution with infrastructure and data service-level insights.
- Automated operation Streamlines provisioning, backup, cloning, scaling, patching, & upgrades.
- Built-in resilience Ensures business continuity with integrated HA/DR.
- Developer agility Accelerates application delivery with self-service and rich APIs.

Key Use Cases:

Infrastructure Teams (Efficiency & Control)

- Centralized and Automated Day 0-2 Data Services Operations.
- Multi-tenancy and governance at Scale.

Application Dev Teams (Agility)

- Self-Service consumption and rich APIs
- Consistent service models across data services, VMs & K8s

DSM - Key Business Outcomes

VMware Data Services Manager integrated with VMware Cloud Foundation, transforms private cloud environments by offering a self-managed Database as a Service (DBaaS) solution that merges cloud-native databases with robust data control. This integration empowers developers with a cloud-like experience through controlled self-service provisioning of data services via vCenter/vSphere Client, ensuring compliance while accelerating application.

By automating repetitive tasks such as backups and upgrades, DSM significantly reduces operational overhead, minimizes errors, and allows data teams to focus on strategic business initiatives. This approach delivers enterprise-ready data services that are reliable, scalable, and automated, providing both developer-friendly consumption and unified control over the entire database fleet. Ultimately, DSM enhances database management within VCF, ensuring efficient handling of growing data needs, boosting developer productivity and satisfaction, and enabling rapid time-to-market for new applications.

What's New in VMware Data Services Manager 9.0

- Available as a VCF Advanced Service (released May 5)
- Tech Preview: Microsoft SQL Server
- Deep VMware Cloud Foundation (VCF) Integration: Simplified
- Lifecycle management and deployments with VCFA onboarding,
- Cloud consumption and supervisor integration.
- Data Service Policies: Infrastructure Administrators can configure
- Pre-created policies for automated provisioning, ensuring governance, compliance, and consistency.
- FIPS Compliance: Enabled to provide enhanced security.

VMware Data Services Manager: Summary

VMware Data Services Manager simplifies private cloud data management by automating database provisioning, scaling, and patching across open source and commercial databases. It delivers a cloud-like DBaaS experience, accelerating time-to-market and significantly reducing operational costs.

To learn more about how VMware Data Services Manager can help you scale your business, visit <https://www.vmware.com> or contact your VMware representative.