

VMware Accelerates Data-Driven Innovation with New Advanced Data Services Capabilities for VMware Cloud Foundation

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VMware Cloud empowers customers to modernize, optimize and better protect apps, infrastructure and operations at every stage of their cloud transformation journey

BARCELONA, Spain--(BUSINESS WIRE)-- **VMware Explore 2023** — Today, VMware, Inc. (NYSE: VMW) announced the next generation of VMware Data Services Manager, designed to support today's data-driven innovation by making data services as easy to consume as what VMware has achieved for virtualized compute, storage, and networking. VMware Data Services Manager will deliver best-in-class management for a wide range of data services, not just databases, as a natively integrated experience for VMware Cloud Foundation customers, serving the needs of IT admins, data teams, and developers alike. These capabilities, along with new data services partnerships with Google Cloud and MinIO, and new VMware Cloud advancements, will deliver developer-ready infrastructure to accelerate modern app innovation, provide multi-cloud flexibility and agility, and enable more secure and resilient organizations.

VMware Cloud Foundation delivers innovations from VMware's on-premises and public cloud software offerings in a unified stack to enable a consistent and more secure environment across any on-premises, hyperscaler cloud, or partner cloud environments. VMware Cloud Foundation is the underpinning for **VMware Private AI** and yields benefits for modern AI/ML and generative AI workloads such as simplified management, enhanced scalability, improved security, and optimized resource usage. VMware Cloud Foundation is delivered as a service by hundreds of Cloud Services Providers (CSPs), including those delivering **VMware Sovereign Clouds**.

"Whether residing on premises, across hybrid clouds, or in a sovereign cloud environment, data is the fuel for

digital transformation. Through our new data services innovations and partnerships, we are making VMware Cloud Foundation the best platform to power the traditional, modern, and AI/ML applications that are central to business,” said Krish Prasad, senior vice president and general manager, cloud infrastructure business unit, VMware. “VMware Cloud enables customers to build, deploy, run, and protect a broad set of high value workloads across their data infrastructure on multiple consistent cloud endpoints, with the same operational model and service level objectives for performance, business continuity, and security.”

Simplifying Data Services Management

VMware will empower IT to consistently and more securely manage databases, object stores, streaming, warehouse, caching, and querying solutions running on VMware Cloud Foundation. This strategy will help customers accelerate their digital transformation by building, deploying, and operating a diverse and growing data estate. With VMware Data Services Manager, IT admins will benefit from the native VMware infrastructure management experience for data services, including full control of infrastructure policies. Data teams and database administrators will maintain full control over data policies and be able to deliver a self-service offering for databases and other best in class data services on-premises to their lines of business, enabling rapid innovation for developers.

VMware is also announcing that Google Cloud AlloyDB Omni will be the first third-party PostgreSQL-compatible database natively integrated with VMware Cloud Foundation through VMware Data Services Manager and VMware vSAN. With AlloyDB Omni, customers will have access to an enterprise-ready PostgreSQL-compatible database, with Google Cloud support, on reliable, scalable, and highly secure VMware Cloud Foundation environments. With AlloyDB Omni running on VMware vSAN customers can experience more than 2x the transactional performance and up to 100x the analytical performance of standard PostgreSQL across a wide range of queries and workloads¹.

[Read the full announcement here.](#)

Additionally, VMware is announcing MinIO Object Store will be the first third-party object storage natively integrated with VMware Cloud Foundation through Data Services Manager. MinIO is a highly performant and resilient object store offering active-active replication for mission-critical production environments. Running on VMware Cloud Foundation and managed through Data Services Manager, MinIO will be an ideal solution for data lake implementations and large-scale AI/ML use cases.

Comprehensive Detection and Recovery from Ransomware

Ransomware attacks are becoming increasingly more sophisticated as the data from companies becomes more lucrative. To help organizations combat this evolving threat landscape, VMware is announcing new solutions and technologies that enable organizational resilience.

Intelligent Threat Detection is a new capability in technology preview that will deliver proactive AI/ML-powered encryption prevention and response, allowing customers to see more to stop more and recover faster. Customers will be able to identify modern ransomware prior to encryption using aggressive behavioral analysis of powered-on workloads in a cloud-based isolated environment and detect encryption events across protected workloads by analyzing file system metadata, data change rates, and entropy.

VMware Live Recovery is a new offering that provides cyber and data resiliency for VMware Cloud. VMware Live Recovery delivers unified protection, secure cyber recovery and simplified consumption. Customers benefit from unified management of ransomware and disaster recovery across on-premises and public clouds, confident and accelerated recovery from modern ransomware, and flexible licensing for changing business needs and threats.

Modern, Consistent Cloud Infrastructure and Management for All Applications

New VMware Cloud Foundation advancements include:

- Enhanced networking and security with support for the vSphere Distributed Services Engine (DSE), modernizing data centers by offloading full stack infrastructure functions from CPUs to Data Processing Units (DPUs).
- Enhanced support for NVMe storage platforms with new support for vSAN Express Storage Architecture (ESA) that enables customers to deploy next generation servers that deliver higher performance, more scalability, and improved efficiency.
- Unified experience and fast issue resolution delivered by VMware Aria Operations with updates that include the ability to understand sustainability posture across data center footprints as well as meaningful grouping of alerts enabled by AI to help manage alert storms and improve troubleshooting capabilities.

Availability

The next generation of VMware Data Services Manager, as well as VMware Live Recovery, new VMware Aria Operations capabilities, and updates across VMware Cloud Foundation, are all expected to be available in VMware's Q4 FY24. Google AlloyDB Omni and MinIO Object Store for VMware Cloud Foundation, plus Intelligent Threat Detection, are currently in Tech Preview.

Additional Resources

- For the latest news and more on how VMware is delivering a faster and smarter path to cloud for digital businesses, visit the **VMware Explore 2023 Barcelona media kit**.

- Follow the **VMware Cloud blog**
- Follow VMware on **LinkedIn, Twitter, YouTube, and Facebook**

Citations

1-Based on internal Google Cloud Testing from March 2023

About VMware Explore

VMware Explore aims to be the industry's go-to-event for all things multi-cloud. VMware Explore 2023 will feature more industry-led solution and technical sessions than ever before, a thriving marketplace of multi-cloud ISVs and multiple networking events across the VMware community. With an unparalleled view into multi-cloud services, from public to private to edge, for all applications, VMware Explore 2023 attendees will gain the knowledge and tools they need to solve challenges by simplifying multi-cloud complexity without compromise. To learn more about VMware Explore, please visit: <https://www.vmware.com/explore.html>

About VMware

VMware is a leading provider of multi-cloud services for all apps, enabling digital innovation with enterprise control. As a trusted foundation to accelerate innovation, VMware software gives businesses the flexibility and choice they need to build the future. Headquartered in Palo Alto, California, VMware is committed to building a better future through the company's 2030 Agenda. For more information, please visit www.vmware.com/company.

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