

Protecting HPE VM Essentials workloads with Cohesity

AI-powered data security and management for HPE VM Essentials

As businesses re-evaluate virtualization strategies due to software updates, new technologies, and AI workload demands, IT teams face challenges reducing costs without adding complexity.

HPE VM Essentials, a new hypervisor from Hewlett Packard Enterprise, offers a single interface to manage both HPE VM Essentials and VMware vSphere environments, enabling workload provisioning without vendor lock-in. This simplifies migration and reduces cost and complexity across both stacks. Because virtual machines (VMs) share underlying hardware, they can become targets for attackers seeking to access critical data or propagate malware across a network. Protecting VMs is crucial, as a compromise on one VM can impact all VMs on the same host.

Cohesity Data Cloud, validated for hybrid VM environments including HPE VM Essentials and VMware, provides AI-powered data protection. It simplifies backup, automates data management, and strengthens security against ransomware, cyber threats, and natural disasters. Together, Cohesity and HPE VM Essentials software reduce IT infrastructure burdens with a unified UI, eliminate data silos, offer leading deduplication and compression, and deliver strong TCO. The joint solution enables scalable data recovery and grows with customer needs.

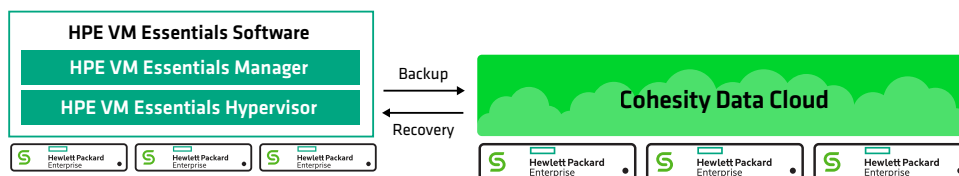


Fig. 1 Secure, simplified, integrated data protection for VM Essentials workloads with Cohesity Data Cloud

Key Benefits

- Simplified Virtualization Management**
 Manage HPE VM Essentials and VMware vSphere environments through a single, unified interface, reducing complexity and operational overhead.
- Cost Reduction Without Vendor Lock-In**
 Migrate workloads and manage virtualization stacks without being tied to a specific vendor, improving flexibility and lowering TCO.
- Enhanced VM Security**
 Protect against cyberattacks and malware spread, to prevent compromised data on one VM impacting others on the same host.
- AI-Powered Data Protection**
 Automate backup, strengthen cybersecurity defenses, and support rapid disaster recovery for hybrid VM environments.
- Operational Efficiency and Scale**
 Eliminate data silos, maximize storage with industry-leading deduplication and compression, and easily scale data protection
- Streamlined IT Infrastructure Management**
 Deliver a unified user experience, reducing IT burden and improving productivity.

Key business value

Simplicity and scalability: Consolidate enterprise data into a single platform, minimizing overhead and reducing storage costs.

- Single management plane across workloads
- Extensible APIs and third-party integrations
- Reduction in TCO by up to 50%
- Enterprise scale for quick and easy expansion

Data resilience: Strengthen data resilience through a multilayered security architecture and access control workflows.

- Quorum, which helps prevent unilateral changes to the platform within administrative accounts
- DataLock, a time-bound, write-once, ready-many (WORM) lock on a backup snapshot that can't be modified in our file system (and extends to cloud storage by incorporating cloud storage object lock)
- Zero Trust Security-first architecture, includes core security capabilities such as granular RBAC, multi factor authentication / Time Based-One-Time-Passwords (2FA/TOTP), restricted shell access, SSO, and encryption of data at-rest and in-flight with AES 256-bit encryption to secure data

Business resilience through instant cyber recovery:

Drastically reduce business impact in the event of data loss due to an outage or ransomware attacks. Minimize downtime with near-zero recovery point and recovery time objectives, reducing recovery from days to minutes.

- Air-gapped, immutable backups
- Near-instant recovery of databases
- Instant mass restore of VMware VM
- AI-powered anomaly and threat detection
- Global search to quickly identify and instantly recover specific data
- Multicloud support for virtual air gapping and cyber vaulting
- Advanced incident response solutions and services such as [clean room solution](#), digital jump bag, and [Cohesity Cyber Event Response Team \(CERT\)](#) to help prepare for, respond to and recover data in case of a cyber threat

AI-powered data security and management with HPE VM Essentials and Cohesity. The world's largest organizations rely on us to strengthen their cyber resilience. To make it easier for our customers, the joint solution is available for purchase through HPE channel partners worldwide and via HPE Greenlake consumption model,

Visit cohesity.com to learn more or get started today with a [free trial](#)

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