



Secure your virtual environment with simplicity and scale

The opportunity

Many organizations are rethinking their [virtualization](#) strategies as software licensing changes triggered by Broadcom, emerging technologies, and AI workloads create new challenges and opportunities. At the same time, environments are becoming increasingly heterogeneous—spanning multiple [hypervisors](#), runtimes, and [clouds](#). Businesses need flexibility without adding complexity or risk.

[HPE Morpheus VM Essentials Software](#) empowers organizations with a modern hypervisor that delivers choice, efficiency, and control over virtual environments. Combined with Commvault Cloud's trusted data protection and recovery capabilities, the solution simplifies management, reduces risk, and helps keep VMs resilient—no matter where they run.

The solution: resilient, scale and secure VMs

VM Essentials offers a comprehensive solution for managing virtual environments, providing a unified, intuitive interface that supports both HVM (HPE's hardened KVM-based hypervisor) and VMware ESXi™. Crucially, VM Essentials can manage both its own HVM hypervisor clusters and external VMware vSphere® clusters from one interface. This flexibility gives businesses a wide range of options for seamless provisioning and the ability to gradually migrate or run mixed environments without separate

toolsets, reducing virtualization costs and eliminating vendor lock-in.

Some foundational features of VM Essentials include: VM High Availability (HA) clustering, live VM migration and live storage migration, a web-based UI with full VM lifecycle management, and comprehensive REST APIs. The platform targets customers seeking cloud-like agility on-premises, offering self-service VM provisioning, policy-based automation, and integration hooks into networking and backup tools—all while being backed by HPE's 24x7 enterprise support.

However, virtualization introduces new risks—shared infrastructure can amplify the impact of ransomware or malware across your VMs. Commvault Cloud can help make a difference. Commvault's agentless, image-based backup and recovery for VM Essentials helps you secure all your virtual machines without complexity. With image-based backups, the entire VM is backed up and recovered directly through the hypervisor host, removing the need to install or maintain an agent on each VM. Commvault Cloud is designed to back up everything necessary—the operating system, applications, settings, and all data. It also provides enterprise-grade security and compliance, so that all virtual machines can be securely protected. The rapid restore capabilities of Commvault Cloud enable rapid and clean recovery, including granular file-level restores, which are crucial for efforts towards maintaining business continuity and minimizing the impact of data loss or system failures.



Key benefits

1. **Automated day-zero protection:** Data protection is no longer an afterthought. By integrating Commvault policies into the VM Essentials service catalog, every new virtual machine can be automatically assigned a backup plan the moment it's created. This helps remove the risk of newly provisioned VMs being left unprotected.
2. **Unified operations and governance:** One can manage a diverse, multi-hypervisor environment through the simple VM Essentials interface, while enabling consistent, enterprise-wide data protection policies from Commvault to be applied automatically.
3. **Granular recovery for precision and speed:** Restore exactly what you need—whether it's a single file, a specific database, or a full VM. This flexibility, powered by Commvault's recovery capabilities and managed through the integrated environment, can accelerate recovery times and minimize disruption to help keep your business running smoothly.
4. **Simple, scalable, and resilient architecture:** Together, HPE and Commvault deliver enterprise-grade protection tailored for virtual environments. The solution is built with resiliency, automation, and scalability that grows with your business needs, allowing you to have a platform for your hybrid cloud into the future.

Conclusion

Together, HPE Morpheus VM Essentials and Commvault Cloud offer a powerful solution for securing virtual environments. The unified management and flexible deployment options with VM Essentials, combined with Commvault's agentless, image-based backup and recovery provide customers the tools they need to allow continuous business operations and data resilience. This integration helps simplify management, reduce risk, and enhance the overall security and efficiency of virtual environments.

Choose HPE Morpheus VM Essentials and Commvault Cloud to secure your virtualized future data—delivering simplicity, scalability, and peace of mind for every workload.

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