

Extending the Value of Cisco HyperFlex

Commvault Complete Backup & Recovery



When it comes to protecting VMs, no one has it covered like Cisco and Commvault: Whether it's VMware or Hyper-V running on Cisco HyperFlex, Commvault protects and manages all workloads natively—so you have the peace of mind that your data is available and recoverable when you need it.

Any application. Any cloud. Any scale.

Including your enterprise applications.

Commvault enhances your ability to leverage Cisco HyperFlex as your transformational infrastructure without limitations across your entire IT landscape.

From achieving control and scale in today's multi-cloud IT to total digital transformation, Commvault with Cisco HyperFlex™ is complete.

IT organizations are challenged to virtualize complex workloads while ensuring the data is protected and recoverable wherever it lives, especially in today's multi-cloud reality. Commvault delivers a single data platform for all of your data backup and recovery needs—providing a single view into all data under protection.

As you leverage the high-performance and high-density of Cisco HyperFlex, Commvault adds comprehensive data management. When Cisco HyperFlex is combined with Commvault software, it becomes the solution you need to make sure your data is available, moveable, and recoverable—when and where you need it—and to ensure your data lives on the most cost-effective and scalable infrastructure. Including your mission-critical and enterprise applications.

Commvault software enhances your ability to leverage Cisco HyperFlex as your transformational IT platform, regardless of the size of your IT enterprise:

- Natively protect VMware and Hyper-V workloads on Cisco HyperFlex for fast protection and to meet demanding RTO and RPO requirements:
 - For VMware, Commvault IntelliSnap technology leverages Cisco HyperFlex snapshots
 - For Hyper-V, Commvault application-aware technology ensures application-consistent backups
- Embrace and utilize all cloud options, instantly migrating data between any virtualized platform, any public or private cloud platform, and any on-premises infrastructure.
- Seamlessly adopt scale-up and scale-out architecture options to maximize cost effectiveness and ensure you have the scale capabilities needed based on workload size and criticality.
- Commvault mirrors the Cisco HyperFlex cloud-like resource consumption model.

Commvault Complete Backup & Recovery provides coverage other solutions do not:

- Software-defined backup and recovery across all environments, regardless of where your data lives—eliminating the need for multiple point solutions from platform to platform or expensive additional deduplication appliances.
- Recover what you need, when you need it: Granular indexing and recovery across all platforms and all traditional and modern applications (including SAP HANA and Oracle, SQL, Exchange, SharePoint and SaaS such as O365 and Salesforce)—without additional third-party tools.
- Improve SLAs with automated policy engine, enabling AI-driven auto-tuning to leverage best practices and improve RPOs and RTOs for all workloads (by criticality of workload).
- Automatic verification and reporting on every backup and restore—and every VM and data instance.
- Validated disaster recovery to the cloud, maximizing infrastructure cost effectiveness while ensuring data availability and recoverability.

Commvault software and Cisco HyperFlex combined automation and orchestration deliver a solution optimized for:

- Accelerated digital transformation
- Mission-critical and enterprise applications
- Secondary workloads, including archived data, legal hold, compliance, disaster recovery, and more
- Seamless use of public clouds—with migration to and from 40+ cloud providers
- Remote office/back office/branch operations—eliminates the need for specialized skills in these operations—automate with Cisco HyperFlex and Commvault
- Development and test operations (Dev/Test)—self-service clone environments so production remains unaffected by demands of Dev/Test teams
- Automated self-provisioning with customizable policies

Cisco and Commvault: Designed to cover all of your transformational needs

Commvault and Cisco have jointly engineered and tested reference architectures and Cisco Validated Designs across the Cisco portfolio, including Cisco HyperFlex, FlashStack, and Cisco UCS.

ScaleProtect with Cisco UCS: Designed to solve your secondary storage challenges

ScaleProtect with Cisco UCS combines Commvault Complete Backup & Recovery and Commvault HyperScale Software with Cisco's leading UCS infrastructure. It is the only solution available with enterprise-class data management services that takes full advantage of industry-standard, scale-out infrastructure together with Cisco UCS. Increase your infrastructure flexibility, remove data silos and costly appliances, and introduce elastic economics for your data—no matter where it lives.

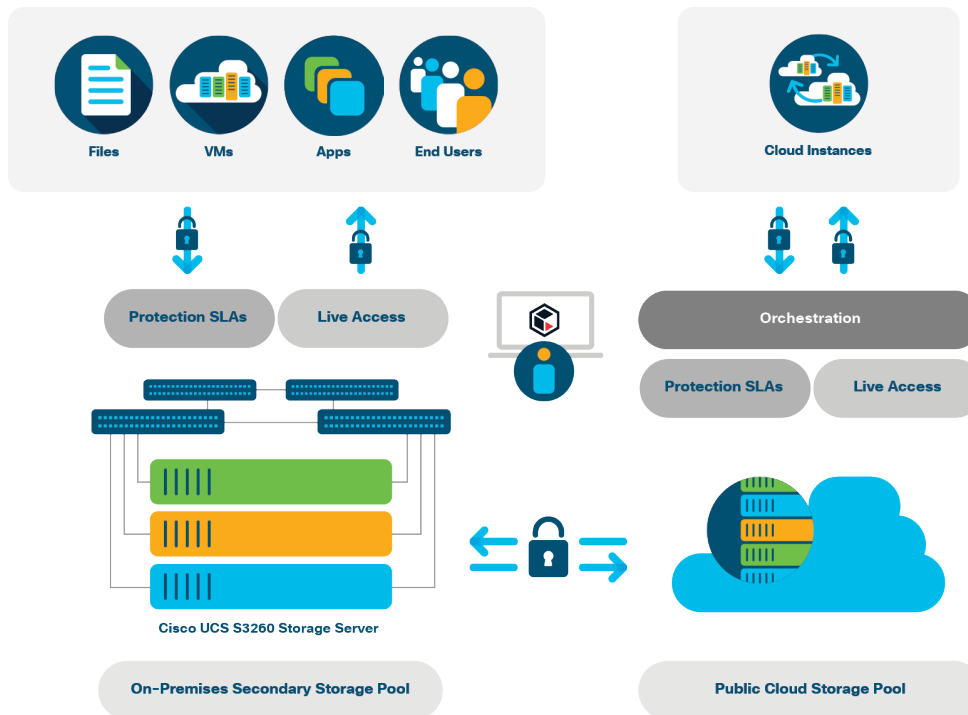
With ScaleProtect with Cisco UCS, you also benefit from:

- Greater resiliency and availability for more predictable performance and improved service level agreements (SLAs)
- Complete data portability for seamless integration between cloud and on-premises environments
- Faster time to production with easy acquisition and rapid, on-demand deployment
- Ending costly and complex forklift upgrades

Reference Architectures

Cisco and Commvault create validated reference architectures designed to deliver tested and proven solutions for all environments, including traditional scale-up, scale-out, and appliance formats. These designs ensure lowest total cost of ownership (TCO) and reduced time to deployment—taking the guesswork out of reaching maximum performance. From the most basic scale-up needs to the industry-leading ScaleProtect with Cisco UCS™ (fully integrated scale-out infrastructure combining Cisco UCS with Commvault software and Commvault HyperScale technology), the Cisco and Commvault solution portfolio has you covered.

Commvault software for Cisco HyperFlex architecture



Summary

Commvault software is designed to enhance Cisco infrastructure and create a powerful solution to today’s data challenges. The combined solution goes beyond VMware vSphere and Microsoft Hyper-V workloads into a complete solution that allows you to leverage and control your cloud and virtual workload options.

With a single view into and complete control over all of your data, you can leverage Cisco HyperFlex for digital transformation and data modernization initiatives. Whether you start by solving a branch office data challenge or by completely modernizing your IT approach through the Cisco HyperFlex platform, Commvault ensures that your data is protected, recoverable, searchable, and moveable. It’s digital transformation and comprehensive data management—on your terms and in your control.

For more information

For information on the complete portfolio of combined Cisco and Commvault solutions, please visit commvault.com/scaleprotect