Cisco HyperFlex™ and Cohesity Solution Brief
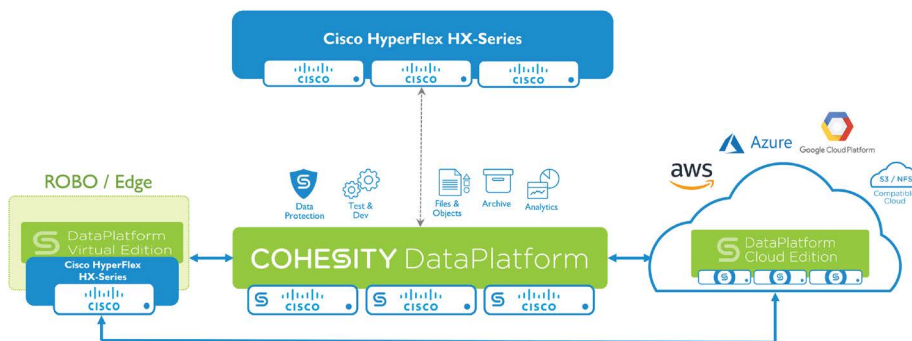
Any Application in Any Cloud at Any Scale, Available Instantly

Overview

In today's fast-paced, 24x7 world you need an agile infrastructure to meet your business' requirements. Hyperconvergence has been key in replacing slow, siloed data center systems with scale-out software-defined infrastructure on standard hardware with a pay-as-you-grow model. Cisco HyperFlex and Cohesity DataPlatform on Cisco UCS are modern, hyperconverged solutions for primary mission critical workloads and secondary workloads respectively. Now, these two industry leading solutions are coming together to deliver an agile infrastructure that easily scales with your business, harmonizes IT operations for all workloads, and brings seamless mobility to all applications from edge to core to cloud. Whether your data resides on primary or secondary environment, Cisco and Cohesity put all data to good use, enabling you to focus on business priorities instead of simply "keeping the lights on."

Cohesity DataPlatform complements Cisco HyperFlex with a modern approach to backup and recovery for cloud era that's simple, fast and flexible.

Transform IT with Complete Hyperconvergence

Key Benefits

- Transform IT with complete hyperconvergence for primary and secondary workloads

- Enhance business agility with instant application recovery

- Achieve seamless data mobility across private and public clouds

- Gain data protection with sub-5 minute RPO and near-instant RTO

- Improve TCO with pay-as-you-grow consumption and policy-based automation

- Reduce data center footprint with global storage efficiency

- Attain regulatory compliance faster

- Deploy confidently with a validated joint reference architecture

Simple

Cohesity radically simplify data protection by eliminating legacy backup silos and managing your backup and recovery infrastructure with single, easy to navigate user interface. Cohesity DataPlatform complements Cisco HyperFlex with simple data protection for virtual and physical workloads, databases and primary storage on a single, web-scale platform. It converges backup, recovery, replication, target storage, and natively supports multi-cloud integration.

Fast

Cohesity's easy to manage single UI and policy-based management allows you to protect your Cisco HyperFlex and meet tight business SLAs with sub-5 minute RPOs and instant restore to any point in time while reducing data protection cost by 70% or more.

Take advantage of Cohesity's Google-like search to quickly locate and recover your files and VMs on Cisco HyperFlex. Cohesity also searches file data for potential regulatory and compliance violations. Beyond metadata indexing, Cisco HyperFlex customers can run custom queries to find information, including personally identifiable information (PII), legacy eDiscovery data, and General Data Protection Regulation (GDPR) red flags.

Flexible

Cohesity's software-defined solution is designed to address your current and future business requirements. Scale-out limitlessly with pay-as-you-grow model and eliminate forklift upgrades.

Developed with the cloud-first design principles, the joint solution offers unparalleled data and app mobility, and maximum storage efficiency and security in the cloud with compression, dedupe, and encryption. Policy-based automated archiving, tiering, and cloud replication from Cohesity ensures Cisco HyperFlex customers can take advantage of public clouds' elasticity and economic benefits. Cohesity supports integration with all leading public clouds, including Amazon Web Services, Microsoft Azure, and Google Cloud, for easy and rapid scaling without a bolt-on cloud gateway.

In addition, Cohesity's Virtual Edition seamlessly protects Cisco HyperFlex edge deployments. Together, Cohesity and Cisco provide a comprehensive solution to manage data from edge to core and on to the cloud.

Deploy with Confidence

Cohesity and Cisco have jointly authored a reference architecture to fast track your deployment. The reference architecture illustrates real-world use cases when using Cisco HyperFlex for primary storage and converging backup, recovery, archiving and long-term retention, replication, and disaster recovery onto a single, cloud-native Cohesity DataPlatform.

For the detailed description, design and recommended best practices of the combined solution, please download the _ document.

Summary

To modernize and simplify IT infrastructure, enterprises are increasingly relying on hyperconverged solutions on their journey to digital transformation. Together Cisco HyperFlex and Cohesity DataPlatorm delivers fully hyperconverged solutions for primary and secondary storage and powers any application in any cloud at any scale. The joint solution eliminates siloed infrastructure, improves business agility, modernizes backup, recovery and data protection, and builds your digital foundation from edge to core to cloud.