Intelligent cloud backup and recovery

HP Helion Content Depot with HP Data Protector
Elevate your data protection with real-time operational analytics and advanced integration with applications and infrastructure for business continuity and resiliency you can depend on.

Intelligent, efficient data protection for all your backup and recovery needs

- Simple, massively scalable HP Helion Content Depot with an OpenStack® Swift object storage backup repository
- Maximized storage capacity utilization with highly efficient federated deduplication
- Protected, on-premise, private cloud storage
- Automated, policy-based protection for virtualized environments
- Native application integration for consistent application backup and point-in-time recovery
- Advanced snapshot and application integration for enhanced business continuity for business-critical environments
- Predictive analytics to proactively address issues and optimize utilization
- Integrated bare metal restore with Enhanced Automated Disaster Recovery (EADR)

Data protection for the new style of business

Your data center is far more complex today than it was ten years ago. The traditional “set and forget” approach to backup and recovery is no longer relevant. New challenges demand new approaches, one of which is the use of analytics to increase the value that backup and recovery provides your business.

Applying the right analytics to backup and recovery allows IT to predict how different environments will perform or behave under load. This enables you to take proactive action before a problem arises. It also provides the opportunity to gain intelligent insight into your backup infrastructure and related IT resources.

When coupled with a massively scalable, easily accessible storage infrastructure, HP’s approach to adaptive backup and recovery provides adaptive intelligence, operational analytics, and application awareness to meet the business resiliency requirements of your dynamic, diverse, and complex data center.

Optimized for increased agility and resiliency

HP Helion Content Depot with HP Data Protector is an HP Helion Ready certified solution that enables the use of massively scalable and easy to use OpenStack Swift cloud object storage as a backup repository. Now you can tap all of the benefits of object storage for your backup environment—including reduced backup and restore latencies and improved scalability.

HP Helion Content Depot with HP Data Protector provides an adaptive, dynamic, and self-aware approach to data protection to increase the agility of your data center. By combining native application and infrastructure integration with predictive analytics, you can gain transparency, predictability, and business resiliency within your IT environment.

Your enhanced data protection solution

HP Helion Content Depot with HP Data Protector provides integration with new delivery models such as cloud and virtualization to make sure that you get the most out of your data center investments. It offers a full range of advantages, including:

A comprehensive support matrix
Orchestrate protection across different storage layers, enabling a continuum of centrally managed protection options including cloud, disk, and tape.

Unified backup and recovery
Manage backup, recovery, and replication across all enterprise environments, including private, hybrid, and public cloud deployments, for simple, intuitive, collaborative, real-time data protection.

Automated, scalable, data protection
Data protection within HP Helion Content Depot is handled by OpenStack Swift software which automatically replicates your data in multiple unique zones across a fully redundant storage platform, providing enhanced redundancy and data integrity. If one storage node fails, the failed node is removed from the storage cluster, and data which was previously replicated across other nodes automatically becomes available with no downtime or data loss.

Adaptive data protection capabilities
Enable flexibility with a complete portfolio including storage array snapshot protection, federated deduplication, enterprise-grade scalability, priority-based scheduling, virtual server protection, built-in disaster recovery, and real-time analytical reporting.
Native application integration
Native integration with mission-critical application environments such as IBM DB2, Microsoft Exchange, Hyper-V, SharePoint, SQL Server, VMware vSphere, Oracle, SAP®, and SAP HANA®, enables automated, Zero Downtime Backup (ZDB), Instant Recovery, and Granular Recovery Extensions (GRE)—from a single console.

Policy-based, one-touch protection
Your HP Helion Content Depot with HP Data Protector solution simplifies virtual server protection by supporting and managing backup and recovery across hypervisors—including one-touch snapshot and replication support for VMware vSphere, Microsoft Hyper-V, and Citrix®-XenServer.

Enhanced automated disaster recovery
Centralized system recovery (bare metal recovery) to virtual or physical servers from a single backup, without the need to create a separate special backup for system recovery.

Accelerated time-to-value
As an end-to-end solution designed, built, and delivered by HP, your HP Helion Content Depot with HP Data Protector solution is simple to deploy and delivers the features you need and the amount of storage you require. HP experts are available to install, configure, and tune your solution according to your requirements.

Open, efficient hassle-free management
HP Helion Content Depot with HP Data Protector includes intelligent, proactive, predictive analytics and storage management to optimize backup, improve business continuity and resiliency, and boost uptime within your IT environment. Scaling is affordable and quick. Just add new, industry standard scale-out storage servers. Self-healing capabilities and built-in data replication reduces the need for human intervention.

Flexible financing and knowledge transfer
HP Helion Investment Solutions offers flexible financing to build and structure your backup and recovery solution in line with your evolving business needs. HP Education Services provides HP Helion OpenStack technology training you need to build and operate your backup and recovery solution.

Rethink data protection
Designed to scale to the world’s largest IT environments, HP Data Protector provides you with the capability to efficiently protect and recover business data spread across a range of locations, applications, devices, and formats.

And when combined with HP Helion Content Depot—an open, massively scalable, on premise, cloud storage solution built on HP Helion OpenStack Swift software running on intelligent, resilient, and easy to manage industry standard servers—you get simplicity and a lower total cost of ownership (TCO) with reduced licensing costs and a lower risk of vendor lock in.

Learn more at
hp.com/helion/content-depot
hp.com/go/dataprotector