Modernized data management with HPE and Commvault

Solution guide

Data is the coin of today's business, and building unified and innovative data protection solutions is the need of the hour. Commvault helps you manage and protect your data, which is spread to the farthest corners of your business footprint—in the cloud, on-premises, or hybrid cloud—and in a variety of formats.

Recognized for eleven years running as a leader in the Gartner Magic Quadrant, Commvault also received the highest scores[1] in Gartner's Critical Capabilities for Enterprise Backup and Recovery (data center, cloud, and edge environments) for three years in a row.

Together with Hewlett Packard Enterprise, Commvault delivers industry-leading, award-winning data protection solutions to:

• Help our customers back up and recover their data from wherever it resides

• Adopt hybrid cloud architectures with reduced complexity, risk, and costs

• Support data center and application modernization

• Reduce the available attack surface

• Improve cyber-resiliency of customer environment by offering data protection solutions with multi-layered built-in security features such as immutable backups, early detection of unusual behavior, isolated backup copies and rapid recoverability

Protecting data on-prem

We offer a choice or combination of HyperScale™ X software-defined, scale-out solutions or deep integration with HPE StoreOnce systems:

Commvault HyperScale X software-defined scale-out solution
• Delivered with HPE Apollo 4200 servers and HPE ProLiant DL380 and HPE ProLiant DL360 servers

• Secures against cyberattacks with built-in ransomware protection

• Enhances data security with backup data immutability

• Provides security for data in a hybrid environment with seamless Metallic integration

• Lets you start small at 25 TB and grow to multipetabyte through true scale-out architecture

• Improves resiliency for the core to edge to cloud with a software-defined solution

[1] "2022 Gartner ® Magic Quadrant™ and Critical Capabilities for Enterprise Backup and Recovery Software Solutions," Commvault

HPE StoreOnce Systems

Integration of HPE StoreOnce Catalyst into the Commvault and Metallic software platform:

- Send backup copies to another backup appliance or cloud target using HPE StoreOnce Catalyst Copy

- Immutable backups and copies at both the software and storage level, ensuring backups can't be encrypted, modified or deleted

- Efficient deduplication for backup capacity savings and transferring data with low network utilization

- Backup data moved to the cloud instantly for long-term retention with HPE Cloud Bank Storage

- Automate data tiering as per business requirements

- Protect TBs to multi-PBs of data with HPE StoreOnce Systems on-premises or across hybrid cloud

Protecting data at the edge

With billions of devices operating online, zettabytes of data are being generated at the edge.[2] This data can and is, at times, stored in the cloud, and more often, it is stored and secured on-premises.

Metallic SaaS
- Protection for SaaS application data, including Office 365, Dynamics 365, and Salesforce; endpoints; virtual machines and containers; as well as unstructured and structured data —including SQL, Oracle®, and SAP HANA® enterprise databases

- HyperScale X, HPE StoreOnce Systems integration

- Data protection with an additional layer of protection by separating the production environments and backup targets in the cloud.

- Multi-layered security, zero-trust access controls, and advanced insights for early ransomware threat detection and protection

- Industry-leading best practices, including AES 256 encryption, GDPR, ISO 27001, SOC 2 Type 2, and more; experience ultimate hybrid cloud flexibility with true PAYG through SaaS-delivery model

Protecting data in the hybrid cloud

Commvault supports over 40 public and private cloud providers, in-built workload cloud migration and VM portability, integration with HPE Cloud Bank Storage, and Metallic SaaS Data Protection. With support for a wealth of SaaS and cloud-native apps, customers can easily protect their workloads and data across hybrid cloud.

Apart from covering all types of workloads, Commvault also delivers disaster recovery and long-term archival capabilities supporting long-term retention and business resiliency needs.
- **Commvault Complete™ Data Protection** for on-premises, complex workload protection— largest range of workload protection and primary compute and storage infrastructure integration

- **Metallic SaaS** and **Metallic® Recovery Reserve™** for complimentary edge workload and cloud-based data protection, integrated with HyperScale X, HPE StoreOnce systems, and HPE Cloud Volumes Backup

- **HPE StoreOnce systems** for large mission-critical data sets, cloud backup solution with **HPE Cloud Bank Storage** for economical and long-term retention of your data in the cloud

- HyperScale X at the core and edge for highly scalable, high-performance, software-defined solutions for mission-critical and edge workloads. Send backup copies to either HPE StoreOnce systems or to Metallic Recovery Reserve.

[2] "Edge Computing Market Size Worth $61.14 Billion by 2028 | CAGR: 38.4%—Grand View Research, Inc.," GlobeNewswire, 2022
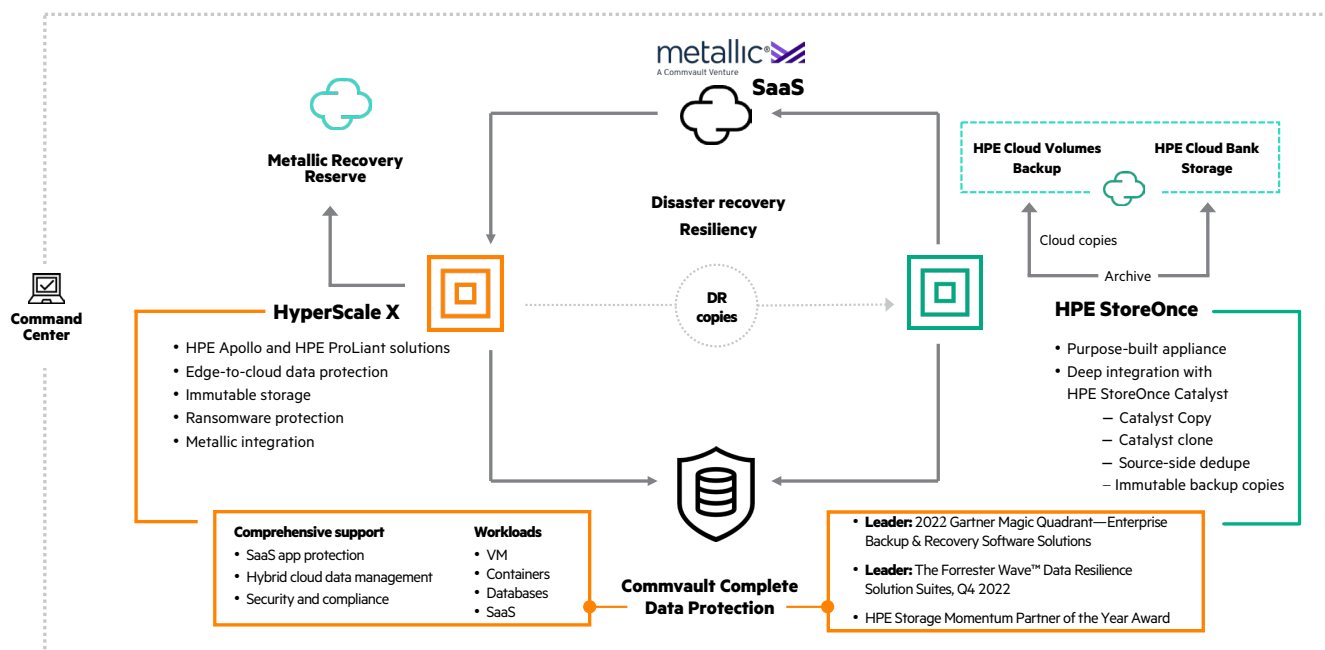
Figure 1. HPE and Commvault—Joint solution integration

A simplified, intelligent, and highly scalable hybrid cloud solution, all delivered through a single Commvault Command Center dashboard.

[3] "Commvault Named 2021 HPE GreenLake Momentum Partner of the Year," Commvault, 2021

Explore **HPE GreenLake**

Make the right purchase decision. Contact our presales specialists.

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Why Commvault and HPE?

- HPE is a global technology leader in server and storage solutions and services that enables customers to manage their data seamlessly from edge to cloud.

- Commvault is part of the HPE Complete program helping you with the convenience of one-stop shopping for tested and validated HPE and Commvault end-to-end solutions across the HPE storage portfolio, which reduces deployment risk.

- Commvault has technical integration with the HPE server and storage platforms to provide a unified solution to the customer. Additionally, Commvault has a large ecosystem of supported enterprise applications, hypervisors, storage arrays, and cloud storage providers for maximum flexibility.

- Commvault won the 2021 HPE GreenLake Momentum Partner of the Year Award for delivering backup as a service with HPE GreenLake offering customers award-winning data protection on-premises or in the cloud.[3]

- Together, HPE and Commvault enable scalable and secure data protection for enterprises, from the edge to on-premises, to the cloud.

- Commvault's AI capabilities create a self-driving backup system that simplifies complex and mundane tasks, giving you better insights into your data and freeing up your time to work on more strategic initiatives.

- Commvault helps eliminate point products. It increases visibility into your data across your organization by allowing you to manage your entire hybrid cloud environment with a single solution across physical, virtual, and cloud platforms reducing cost and complexity while combating significant security threats including ransomware attacks.

Learn more at

hpe.com/us/en/software/marketplace/commvault.html

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