

Simplify Secondary Data and Applications

Introduction

Data fuels business advantage. Yet many organizations fail to efficiently protect, manage, and harness it to gain insights. Their secondary data and applications—including backups, files, objects, test/dev, and analytics—are massively fragmented. They run across a complex patchwork of specialized point products and infrastructure silos in the data center and multiple clouds, making them difficult to protect and nearly impossible to leverage for greater value. Up to 60 percent of total storage capacity is dedicated to copy data, according to [IDC](#). Sprawling secondary data is inefficient and costly to manage and creates a crippling source of compliance risk.

For enterprises seeking a competitive edge, Cohesity and Hewlett Packard Enterprise (HPE) offer jointly certified solutions and expertise delivering simpler, more efficient secondary data and application protection, storage, and management across clouds, data centers, and remote/branch offices. A strong HPE and Cohesity partnership boosts data center modernization initiatives and accelerates enterprise journeys to hybrid cloud with best-of-breed solutions that put secondary data to work. They combine the web-scale simplicity and efficiency of Cohesity software with the power and density of industry-leading, certified HPE Apollo and HPE ProLiant servers.

KEY BENEFITS

- *Integrated data protection, file and object services, test/dev and analytics on proven HPE servers*
- *Flexible and non-disruptive pay-as-you-grow solution*
- *Improved TCO and ROI*
- *RPOs in minutes and near-instant RTOs*
- *More productive secondary data for the business*

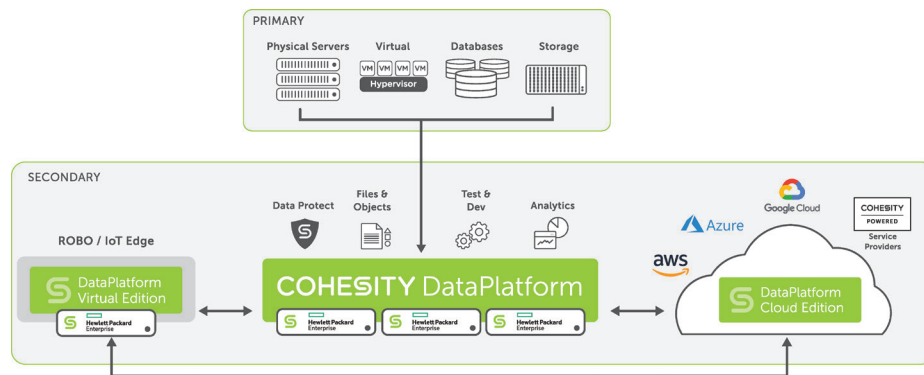


Figure 1: Simplified secondary data and applications with Cohesity on HPE servers

Trusted Partners, Proven Solutions

Cohesity hyperconverged software running on HPE ProLiant and HPE Apollo servers with the optional support of HPE Pointnext advisory, professional, operational, and financing services consolidates secondary data and applications. This consolidation includes target storage, backup, replication, disaster recovery (DR), files, objects, test/dev copies and analytics from core to cloud and edge on a single platform.

Simple, Secure, and Efficient Secondary Data and Applications Platform

- **Web-scale, pay-as-you-grow platform** for non-disruptive performance and capacity expansion.
- **Built-in security** including data segmentation, encryption, immutable snapshots, unlimited zero-cost clones, secure multi-tenancy, and role-based access control.
- **Integrated data protection** without separate backup software, target storage, dedupe appliances, and cloud gateways.

Built for Cloud to Optimize Investments

- **Unified management** with one GUI and policy-based automation.
- **Seamless extension to cloud** including Amazon Web Services, Microsoft Azure, Google Cloud Platform, or [Cohesity Powered](#) service providers.
- **Streamlined data footprint** with highly efficient global, in-line, variable-length, sliding-window deduplication and compression.

More Productive Data for the Business

- **Unify file and object stores for improved TCO and ROI** with multi-protocol access to S3 volumes.
- **Accelerate application development** with zero-cost clones for test/dev on-premises or in multi-clouds.
- **Gain business insights** using automated global indexing, Google-like search, and in-place analytics.

HPE Servers Certified for Cohesity Software

Cohesity and HPE have worked closely together to certify the optimal HPE ProLiant and HPE Apollo server configurations to run Cohesity software. Both rack-optimized HPE ProLiant and rack-scale HPE Apollo servers integrate Cohesity software for better protected, more productive secondary data and applications.

Model	Apollo r2200 (24 TB Node)	Apollo r2200 (36 TB Node)	ProLiant DL380 (48 TB Node)	ProLiant DL380 (96 TB Node)	Apollo 4510 (200/400 TB Node)
CPU	2 x Intel Xeon-Silver (2.0 GHz, 8-core)	2 x Intel Xeon-Silver (2.0 GHz, 8 core)	2 x Intel Xeon-Gold (2.8 GHz, 16 Core)	2 x Intel Xeon-Gold (2.8 GHz, 16 Core)	2 x Intel Xeon-Gold (2.3 GHz, 18 Core)
Memory	64GB DDR4	64GB DDR4	128GB DDR4	128GB DDR4	256GB DDR4
SSD	1 x 1.6TB NVMe	1 x 1.6TB NVMe	2 x 1.6TB NVMe	2 x 3.2TB NVMe	8 x 1.6TB SAS
HDD	3 x 8TB SATA (24TB Total)	3 x 12TB SATA (36TB Total)	12 x 4TB SAS (48TB Total)	12 x 8TB SAS (96TB Total)	25 x 8TB / 50 x 8TB SAS (200TB / 400TB Total)
Network	2 Ports 1GbE RJ45	2 Ports 1GbE RJ45	2 Ports 1GbE RJ45	4 Ports 1GbE RJ45	4 ports 1GbE RJ45
	2 Ports 10 GbE RJ45/SFP+	4 Ports 10 GbE RJ45/SFP+	2/4 Ports 10GbE RJ-45/SFP+	2/4 Ports 10GbE RJ-45/SFP+	2/4 Ports 10GbE RJ-45/SFP+

* Scale capacity non-disruptively as needed, starting with as few as three nodes and scaling-out linearly by adding individual node(s) to the cluster.

Cohesity software is integrated into HPE’s global supply chain processes and systems. This enables customers to minimize deployment risk, complexity, and cost by purchasing complete, optimized, and jointly validated HPE and Cohesity secondary data and apps solutions directly from HPE and its channel partners.

Learn more at Cohesity.com/products/hpe.