



Web-Scale Simplicity for Secondary Data

One platform for backup, files, objects, test/dev, and analytics

Struggling with data sprawl and infrastructure silos?

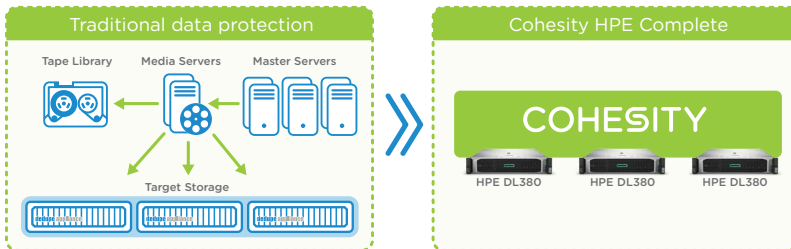
80% of enterprise data consists of secondary data: backups, files, objects, test/ dev copies, and analytics data, which is growing exponentially. Typical infrastructure to manage secondary data is fragmented across multiple point solutions, including backup software and servers, target devices, dedupe appliances, cloud gateways, filers, proxies, replication, and disaster recovery. To meet your evolving business service-level agreements (SLAs) in today's multicloud environment, you need a simple and agile solution for your secondary data. A solution that will not just protect your mission-critical applications and data but make your data productive for other workloads.

Simplifying secondary data infrastructure with Cohesity and HPE

Cohesity and HPE jointly provide a hyperconverged web-scale solution that consolidates all your secondary workloads, including backup and recovery, files and objects, test/dev and analytics on a single, cloud-native solution. The integrated solution offers a single pane of glass and policy-based automation to simplify your secondary data management and achieve business SLAs, including sub-5 minute RPO and instant recovery. Designed on Google-like principles, you can start with as little as three HPE ProLiant nodes and grow limitlessly with Cohesity's pay-as-you-grow model.

Cohesity DataPlatform, a software-defined distributed file system supports multi-protocol access (NFS, SMB and S3) to help consolidate your file and object data on one, unified scale-out solution. Cohesity optimizes your secondary data infrastructure and allows you to gain maximum storage efficiency with enterprise-class capabilities such as global variable-length deduplication across workloads and protocols, compression and erasure coding. Keep your data secure with Cohesity's strict consistency and AES 256-bit data encryption.

Cohesity makes your unstructured data productive by instantly provisioning test/ dev environment on Cohesity or in the public cloud. Cohesity's in-place analytics offers valuable insights into your data to help you make informed decisions and meet complex compliance requirements head-on. You can run custom queries to find information, including personally identifiable information (PII), legacy eDiscovery data, and General Data Protection Regulation (GDPR) red flags. The joint solution has been tested and validated by Cohesity and HPE.



Legacy Data Protection	Cohesity DataPlatform and HPE
Multiple product silos	One validated solution: Cohesity software and HPE DL380
Complex Management	Simple Management
Fragmented deduplication	Global deduplication
Slow RPOs and RTOs	<5 minute RPOs, near-instant RTOs
Disruptive upgrades & expansion	Non-disruptive upgrades and expansion
Limited cloud integration	Native cloud integration
Purchase from many vendors	One single PO from HPE

Key Benefits

- Simplify data protection with a unified solution from Cohesity and HPE
- Converge all your backup infrastructure on one web-scale platform
- Enhance business agility with zero-cost clones and instant application recovery
- Achieve seamless data mobility across private and public clouds
- Fast-track deployment with Cohesity software on powerful, optimized HPE ProLiant nodes
- Gain unparalleled storage efficiency with true global dedupe, even across nodes
- Improve TCO with pay-as-you-grow consumption and policy-based automation
- Support a variety of applications across all major operating systems with multi-protocol access
- Gain greater insight into data with global Google-like search on all file and object metadata
- Achieve compliance faster
- Deploy confidently with a validated joint reference architecture

HPE Nodes Certified for Cohesity Software

Cohesity and HPE have worked closely together to certify the optimal ProLiant configurations to run Cohesity software.



HPE DL380 Gen 10 48TB

Model	Per node*	Per 3-node
CPU	2 x Intel Xeon-Gold (2.8 GHz, 16 Core)	6 x Intel Xeon-Gold (2.8 GHz, 16 Core)
Memory	128GB DDR4	384GB DDR4
SDD	2 x 1.6TB PCIe	9.6TB PCIe
HDD	12 x 4TB SAS (48TB total)	144TB SAS
Network	2 x 1GbE management port	6 x 1GbE management port
	1 x Dual-port 10 GbE SFP+ NIC	3 x Dual-port 10 GbE SFP+ NIC



HPE DL380 Gen 10 96TB

Model	Per node*	Per 3-node
CPU	2 x Intel Xeon-Gold (2.8 GHz, 16 Core)	6 x Intel Xeon-Gold (2.8 GHz, 16 Core)
Memory	128GB DDR4	384GB DDR4
SDD	2 x 3.2TB PCIe	19.2TB PCIe
HDD	12 x 8TB SAS (96TB total)	288TB SAS
Network	2 x 1GbE management port	6 x 1GbE management port
	1 x Dual-port 10 GbE SFP+ NIC	3 x Dual-port 10 GbE SFP+ NIC

HPE Complete for Cohesity: One Solution Purchased From HPE

Cohesity is available as a HPE Complete solution

Customers can purchase a complete solution, including HPE ProLiant certified nodes and Cohesity software, on one HPE purchase order. And customers get the full confidence of purchasing a complete solution from their trusted supplier, with the backing of HPE Interop assurance validation and solution report.

Leverage [reference architecture](#) based on industry leading HPE 3PAR all-flash arrays and Cohesity's Hyperconverged Secondary Data platform running on HPE ProLiant 380 Gen10 servers.

* A minimum of 3 nodes are required to form a Cohesity cluster. Beyond 3 nodes, Cohesity cluster can be scaled up on a per node basis.

Note: Please contact Cohesity sales to spec out specific BOM prior to ordering.