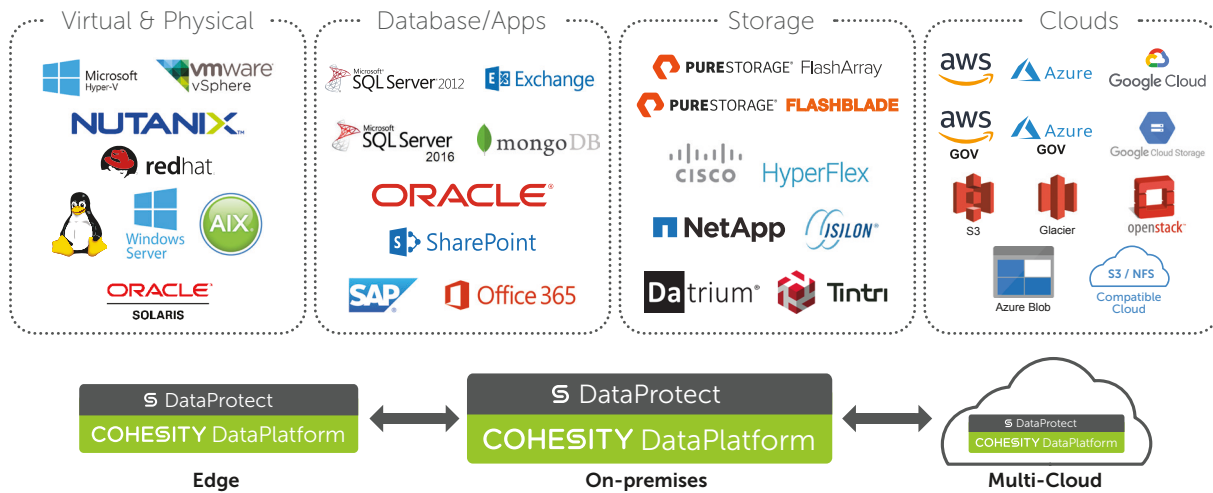# Cohesity DataProtect

Simple, comprehensive, enterprise-grade data protection

Cohesity DataProtect is a high-performance, software-defined data protection solution for modern, application-driven infrastructure that spans from the core to the cloud and edge. Complementing Cohesity DataPlatform, it delivers comprehensive protection with policy-based management for all workloads, anywhere—virtual and physical, databases, NAS, cloud environments, and business-critical applications—on a single, web-scale platform that converges backup, recovery, replication, and target storage.

Web-Scale Simplicity with Broad Application Support

Cohesity DataProtect radically simplifies data protection by eliminating legacy backup silos and managing backup and recovery infrastructure with a single, easy-to-navigate user interface. It provides consistent and comprehensive enterprise-class protection for a broad set of virtual, physical, databases, applications, and NAS workloads, and natively integrates with the leading cloud providers.

Lightning Fast Recovery

The solution features rapid recovery point objectives (RPOs) and near-instant recovery time objectives (RTOs) to meet business service-level agreements (SLAs). Combined with Cohesity Helios, quickly search and recover data on any Cohesity cluster, located anywhere. DataProtect uniquely reduces downtime by instantly mass restoring any number of virtual machines (VMs) to any point in time, and reduces data protection costs by 70% or more.

Flexibility that Extends into the Cloud

A software-defined solution designed to address current and future business needs, Cohesity DataProtect includes automated, policy-based management and scales-out without limits in a pay-as-you-grow model on-premises or in the cloud, avoiding forklift upgrades. It allows enterprises to take advantage of public cloud's elasticity and economics with a cloud-first design, offering unparalleled data and app mobility, and maximum storage efficiency and security in the cloud with compression, dedupe, and encryption.

Specifications

Protected Workloads	• Hypervisors: VMware vSphere (5.5 and newer), Microsoft Hyper-V (2016 v8.0, 2012 R2 v5.0), Nutanix • AHV (5.5.3.1, 5.1.1) and RHV • Physical: Windows, RHEL, CentOS, AIX (7.x), and Solaris • Databases: Oracle (11g R2, 12c) and SQL (2008 and newer) • Applications: MS Exchange (2010 SP3 and newer), O365 and SAP HANA • NAS: Pure Storage (4.10.9 and 5.x), NetApp (8.2 and 8.3), Isilon (8.0), and generic solutions
Recovery Level	• Granular recovery of files, folders, objects, • Volume recoveries • Instant volume mounts • Instant restores of VMs
Long-Term Archival	• Public cloud infrastructure, S3 and NFS compatible devices • Tape support using QStar archive manager
Hyperconverged Architecture	• Converges backup, recovery, replication, and scale-out target storage
Global Search	• Global actionable search • Automated global indexing • Wildcard searches for any VM, file, or object on the platform
Flexible Deployment	• Software-defined solution for on-premises, public cloud, and edge sites
Public Cloud Integration	• Multiple cloud solutions including long-term retention, disaster recovery, test/dev and native cloud backup on a single platform
Global Management	• Cohesity Helios for multi-cluster, global active management • vRealize • ServiceNow
Automation	• API-first architecture • RESTful API • OpenAPI standard • ServiceNow • VMware vRealize
Encryption	• Software-defined AES-256, FIPS compliant encryption of data in flight and at rest

Simplify and modernize your backup and recovery infrastructure with Cohesity DataProtect. Learn more at Cohesity.com/products/data-protect