## Simple, Comprehensive, Enterprise-grade Replace with Backup and Recovery

Cohesity DataProtect is a high-performance, software-defined backup and recovery 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.
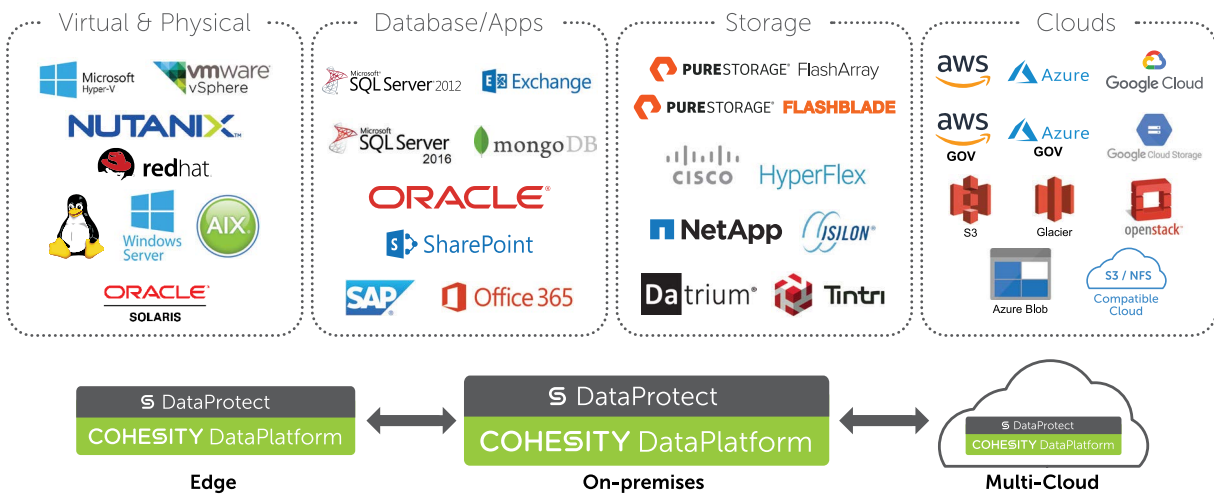
Web-Scale Simplicity with Broad Application Support

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, traditional and modern containerized 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 scale-out limitlessly with a pay-as-you-grow model. 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 later), Microsoft Hyper-V (2019, 2016, 2012 R2), Nutanix AHV and RHeV • Physical: Windows, RHEL, CentOS, AIX (7.x), and Solaris • Databases: Oracle (11g R2, 12c), Oracle RAC and SQL (2008 or later) • Applications: MS Exchange (2010 SP3 or later), MSFT Active Directory, O365 and SAP HANA
Recovery Level	• Instant mass restore • Granular recovery of files, folders, and 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 (including Backup-as-a-service), 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
Integration and Automation	• API-first architecture • OpenAPI standard • RESTful API • Python SDK • PowerShell Module • VMware vRealize (vRA/vRO) • VMware vCloud Director (vCD) • ServiceNow • Ansible
Security	• Software-defined AES-256, FIPS 140-2 compliant encryption of data in flight and at rest.

VAST is a full-service Cohesity partner, offering professional, managed and support services for the Cohesity platform, applications and appliances. Visit us at **www.vastITservices.com** or call **800.432.VAST**.

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