Cohesity DataProtect

Cohesity DataProtect is a high-performance, software-defined backup and recovery solution designed for the cloud era. Designed for hyperscale, it offers the most comprehensive policy-based protection for both traditional and modern data sources.

DataProtect converges multiple-point products into a single software that can be deployed as on-premises or consumed as a service.

Hyperscale 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 sources: virtual and physical servers, traditional and containerized applications, relational and distributed databases, NAS and SaaS workloads.

Lightning Fast Recovery
The solution features near-zero recovery point objectives (RPOs) and near-instant recovery time objectives (RTOs) to meet business service-level agreements (SLAs). With Cohesity Helios’ unified data plane and control plane 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.

Freedom of Backup as a Service
Take advantage of the public cloud’s elasticity and economics with DataProtect delivered as a service. Choose an OpEx spend model and eliminate the need for on-premises hardware. The SaaS option allows you to easily configure your backup jobs and, within minutes, start protecting your mission-critical data and applications.

It’s as easy as: sign-up, connect, and protect!
## Specifications

<table>
<thead>
<tr>
<th>Protected Workloads</th>
<th>Recovery Level</th>
<th>Long-Term Archival</th>
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</thead>
<tbody>
<tr>
<td>• Hypervisors: VMware vSphere (5.5 and later)*, Microsoft Hyper-V (2019, 2016, 2012 R2), Nutanix AHV and RHEV</td>
<td>• Instant mass restore</td>
<td>• Public cloud infrastructure, S3 and NFS compatible devices</td>
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<td>• Kubernetes-based data and application state</td>
<td>• Granular recovery of files, folders, and objects</td>
<td>• Tape support using QStar archive manager</td>
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<td>• Physical: Windows, RHEL, CentOS, AIX (7.x), and Solaris</td>
<td>• Volume recoveries</td>
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<td>• Databases: Oracle (11g R2, 12c), Oracle RAC and SQL (2008 or later)</td>
<td>• Instant volume mounts</td>
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<tr>
<td>• Distributed Databases (NoSQL and Hadoop): MongoDB, Apache Cassandra, Cloudera and Hortonworks</td>
<td>• Instant restores of VMs</td>
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<td>• Applications: MS Exchange (2010 SP3 or later), MSFT Active Directory, Microsoft 365 and SAP HANA</td>
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<td>• NAS: Pure FlashBlade, NetApp, Isilon*, and generic solutions*</td>
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<tr>
<th>Global Search</th>
<th>Flexible Deployment</th>
<th>Public Cloud Integration</th>
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<tbody>
<tr>
<td>• Global actionable search</td>
<td>• Software-defined solution for on-premises, public cloud, backup as a service, and edge sites</td>
<td>• Multiple cloud solutions including long-term retention, disaster recovery, dev/test and native cloud backup</td>
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<td>• Automated global indexing</td>
<td>• Wildcard searches for any VM, file, or object on the platform</td>
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<th>Global Management</th>
<th>Integration and Automation</th>
<th>Security</th>
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<tr>
<td>Cohesity Helios control plane</td>
<td>• API-first architecture</td>
<td>• Software-defined AES-256, FIPS 140-2 compliant encryption of data in flight and at rest.</td>
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<td>• OpenAPI standard</td>
<td>• Python SDK</td>
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<td>• RESTful API</td>
<td>• PowerShell Module</td>
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<td></td>
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<td>• VMware vRealize (vRA/vRO)</td>
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<td>• VMware vCloud Director (vCD)</td>
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<td>• ServiceNow</td>
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<td>• Ansible</td>
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*Available in Cohesity DataProtect delivered as a service as of 12/3/2020

Simplify and modernize your backup and recovery infrastructure with Cohesity DataProtect.