DATASHEET

Nutanix Mine with HYCU, invisible backup-as-a-service

HYCU

Make Backup Invisible with Nutanix Mine with HYCU

Nutanix Mine with HYCU is a hyper-converged backup appliance with Nutanix's platform strength, plus HYCU's natively integrated backup service with one-click simplicity, and application awareness. The combined platform provides complete coverage for customer workloads, eliminates the need for a dedicated backup team and delivers management of the entire production and backup infrastructure from one console.

Nutanix Mine is the first Integrated Nutanix based backup appliance focused at the secondary storage market. Combined with HYCU, this is the first tightly integrated and dedicated appliance offering for users that need the performance and cost advantages of an appliance model. It also delivers an integrated backup solution to eliminate additional complexity associated with legacy secondary and/or backup software solutions. Nutanix Mine with HYCU is the only hyper-converged backup solution that:

- Makes backup and recovery as a native service of the platform
- Eliminates the need for siloed infrastructure for backup
- Allows you to modularly grow backup capacity
- Assures application availability and eliminates the need for a dedicated backup team

NUTANIX™
Cloud OS + Integrated HW

+

HYCU
HYCU-X Software

=

An engineered solution targeting the Backup Appliance Market powered by HYCU

Mine | NUTANIX™ WITH HYCU

Nutanix Mine with HYCU is the first to achieve the following with Nutanix Mine:

Tight, native integration with Nutanix Volumes and Nutanix Files

Eliminate production workload impact by leveraging Nutanix snapshots for backup and recovery, including SAP HANA

Nutanix Change Block Tracking to eliminate VM stun for both AHV and ESXi

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Server Platforms Supported:

Nutanix NX Series,
Dell XC Series, Lenovo HX Series & Nutanix Acropolis Software Editions, Servers running vSphere, Windows Servers

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Platform OS

Nutanix AOS v5.10 or later, vSphere 6.0 and later, Windows Server 2012 or later

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Supported Hypervisors

AHV & ESXi

Additional Backup Targets

NAS (NFS/SMB) – Nutanix AFS, ExaGrid, DataDomain, Quantum, iS3 Compliant Storage – Nutanix AOSS, AWS, Cloudian; Scality; iSCSI – Nutanix ABS & any iSCSI compliant targets
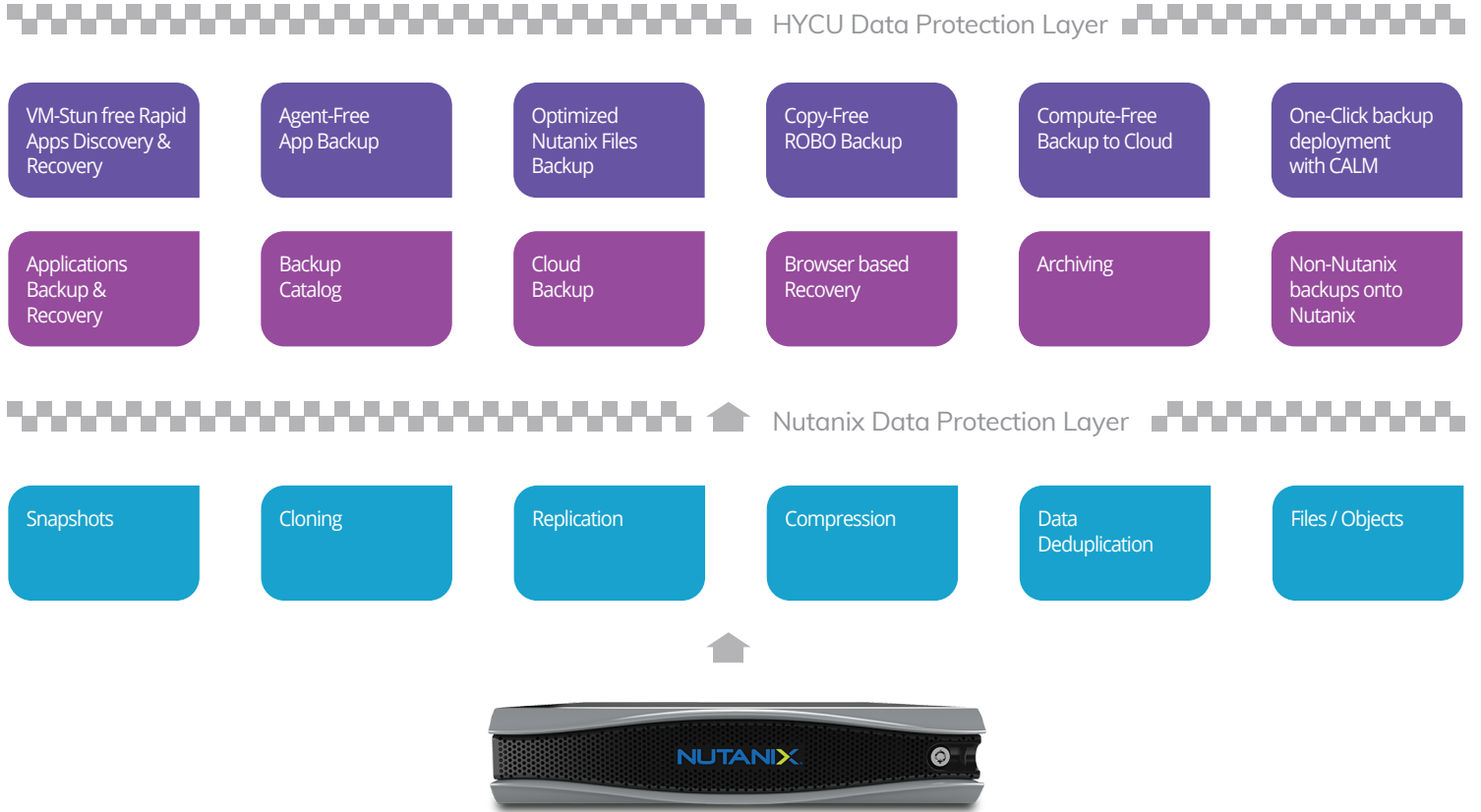

Applications and File Services
Microsoft SQL Server

Microsoft Exchange Server

Microsoft Active Directory

Oracle Database

SAP HANA

Nutanix Files

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HYCU Data Protection Layer

VM-Stun free Rapid Apps Discovery & Recovery	Agent-Free App Backup	Optimized Nutanix Files Backup	Copy-Free ROBO Backup	Compute-Free Backup to Cloud	One-Click backup deployment with CALM
Applications Backup & Recovery	Backup Catalog	Cloud Backup	Browser based Recovery	Archiving	Non-Nutanix backups onto Nutanix

Nutanix Data Protection Layer

Snapshots	Cloning	Replication	Compression	Data Deduplication	Files / Objects

NUTANIX

Simplicity	✓	Nutanix Mine with HYCU offers true simplicity by allowing customers to leverage Prism as the single pane of glass to manage both production and backup infrastructure. It's also easier to use for non-Nutanix VMware deployments and Windows Physical Servers than other similar solutions. Using an interface IT staff are already familiar with, i.e. Nutanix Prism, frees them to focus on truly mission-critical tasks instead of managing backup devices.
Coverage of End-to-End Secondary Storage Needs	✓	Secondary storage appliances aren't new, but fully integrated ones are. Nutanix Mine with HYCU is ideal for enterprise apps and workloads across all Nutanix led-datacenter infrastructure. The solution offers tight, native integration with Nutanix Volumes and Nutanix Files and leverages the power of Nutanix snapshots for memory-intensive VM's, eliminating any production workload impact.
Rapid Application Discovery and Recovery	✓	Nutanix Mine with HYCU is ideal for service providers and large organizations to enable self-service. Using patented Automated Application Discovery technology Nutanix Mine with HYCU assures key workloads are protected, making application backup and recovery effortless. In addition, the solution leverages Nutanix Replication to eliminate unnecessary backup traffic over WAN and is the first and only solution to leverage Nutanix Change Block Tracking to eliminate VM stun for both AHV and ESXi.
Low Total Cost of Ownership	✓	IT leaders see dollar signs when they see the word appliance - Nutanix Mine with HYCU has a low total cost of ownership by offering a truly all-inclusive packaging. There's no need to purchase additional licenses for the backup appliance, such as Windows, SQL Server or for antivirus systems.