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Backup Made Invisible with Nutanix Mine with HYCU

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Are Secondary Storage Appliances Right for Your Organization?

Trick question. Odds are you already – manage secondary data storage somewhere: the amount of data stored worldwide is estimated to add up to 175 zettabytes by 2025[1] and the big data and business analytics (BDA) market to be valued at nearly $275 billion by 2022[2]. However, how do you simplify what has traditionally been a burdensome task?

This is exactly where Nutanix Mine with HYCU comes in. Nutanix Mine with HYCU finally brings to secondary storage what Nutanix revolutionized for primary storage: the one-click simplicity and ease of use of the Enterprise Cloud OS platform in space-saving form factors.

Next-Generation Secondary Storage and Nutanix Mine with HYCU

Backup appliances are not new - they have been around enterprises for more than a decade. Purpose-built to rapidly deploy and offset the need to manage separate silos of hardware and software, it became popular, for legacy infrastructure. These appliances still remained useful when cloud and hyper-converged infrastructure emerged but added to the overall complexity of managing and tightly integrating with the platform of choice. This created issues around complexity, manageability, interoperability, and access.

However, secondary data may very well need to be unarchived quickly such as a new stakeholder asking for access to that data for research. Not to mention your organization will also continue to generate data to be stored and managed on top of this: research from HubSpot suggests enterprises expect the amount of data stored to increase by 33% in the next 12 to 18 months[3].

Managing secondary data should not drain IT resources - regardless of how many boxes you checked above. The question now is: are you ready to manage this deluge of information that you may or may not need to be readily accessible?

Consider whether or not your secondary storage strategy checks off these boxes:

☐ Is it separate from your primary storage?

☐ Are its networks also separate from your primary storage and network?

☐ Have you calculated how much storage you have, may need, and how quickly you could scale it?

☐ Can you quickly access your secondary storage?

☐ Could your secondary storage strategy be more cost-effective?

[1] Source: Network World, IDC: Expect 175 zettabytes of data worldwide by 2025 (December 2018)

[2] Source: IDC, IDC Forecasts Revenues for Big Data and Business Analytics Solutions Will Reach $189.1 Billion This Year with Double-Digit Annual Growth Through 2022 (April 2019)

[3] Source: HubSpot: https://cdn2.hubspot.net/hubfs/1624046/IDGE_Data_Analysis_2016_final.pdf?t=1492090430059 (2016)

Introducing Nutanix Mine with HYCU

Combined with HYCU, this is the first tightly-integrated and dedicated 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 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 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

Invisible Hyper-converged Infrastructure Made Easy

Those already familiar with Nutanix will quickly get up and running with Nutanix Mine with HYCU. It uses the Nutanix Prism interface for management, so no additional training, resources or dedicated teams are required to manage your secondary storage array.

The solution offers a completeness of coverage currently unmatched in the marketplace - it's ideal for enterprise applications and workloads across all Nutanix infrastructure and tightly integrated with Nutanix Volumes as well as Files. Impact to production workloads is also minimized with the power of Nutanix snapshots.

Not currently a Nutanix user? No problem! Nutanix Mine with HYCU is simple to deploy for both Nutanix and non-Nutanix users alike.

Agentless App Backup for AHV

Automates discovery of applications

Assures Application Recovery Time (RTO)

Backups to Replica, Recovers to Source

Delivers VM-Stun free ESX backups on Nutanix
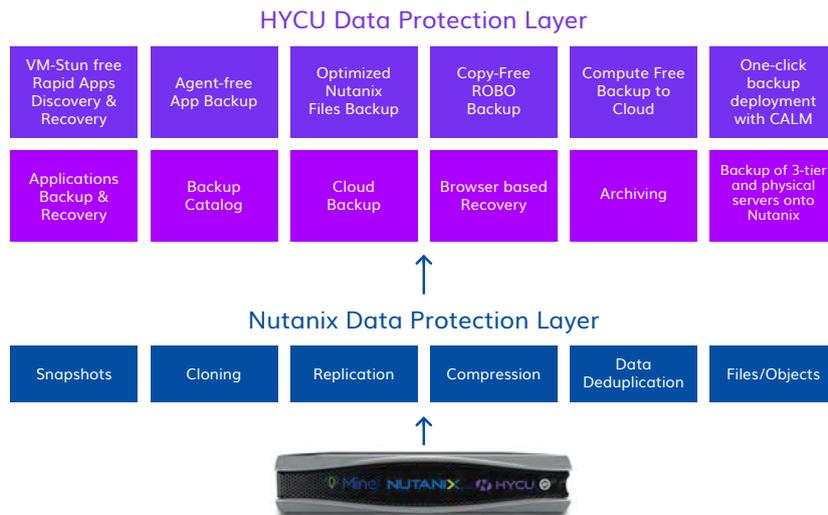
Efficient, scalable backup solution for Nutanix Files

Fully Deployable as software via CALM

Efficient, scalable and impact free backup for SAP HANA on AOS

Efficient, scalable and simple backup for AOS on IBM Power

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	Backup of 3-tier and physical servers onto Nutanix

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Nutanix Data Protection Layer

Snapshots	Cloning	Replication	Compression	Data Deduplication	Files/Objects

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The Future of Secondary Data Storage is Here - What Are You Waiting For?

Enterprises adopting HCI platforms were initially excited about the opportunity to eliminate unnecessary IT silos; however, IT leaders quickly found themselves managing this new technology on top of also keeping up with current needs and planning for future ones and ensuring the compatibility of it all while also keeping TCO at bay.

Nutanix Mine with HYCU has a low TCO by offering truly all-inclusive packaging. There's no need to purchase additional licenses for the backup appliance, such as Windows, SQL Server or for antiviruses. The system is available in two models and configurations - so whatever your secondary storage needs there is a right Nutanix Mine with HYCU for you:

- Small

  Capacity: 96 TB
  Physical Size: 2U – NX-1465 G7
  200 VM Subscription for HYCU

- Medium

  Capacity: 192 TB
  Physical Size: 4U – NX-8235 G7
  400 VM Subscription for HYCU

- Available configurations

  Capacity Only - "Naked" System
  Full Backup solution (w/HYCU license)

The probability that your secondary storage data is going to go unused is high, with some estimating that close to 75% of data gathered for big data analyses go unused, for example, but why take a chance?

Nutanix Mine with HYCU has your secondary data needs covered faster than ever before - whether you need it within minutes or months.

You can read more about Nutanix Mine with HYCU here:
https://www.hycu.com/backup-and-recovery/nutanix-mine/

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