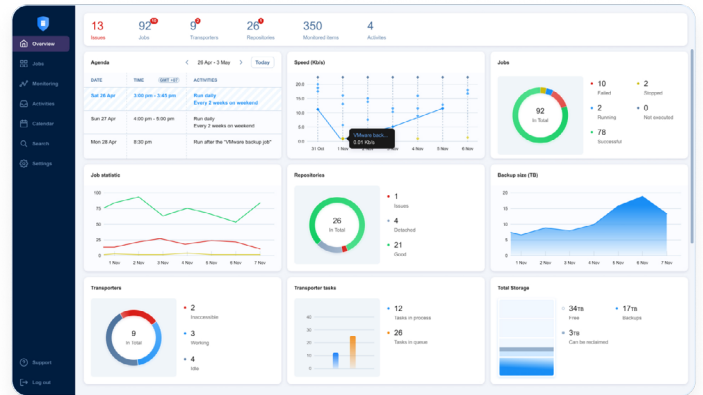


# #1 Backup Solution for Nutanix AHV

NAKIVO Backup & Replication offers a comprehensive set of enterprise-grade data protection capabilities for Nutanix AHV, including **fast VM backup**, **full VM restore** and **cyber resilience**, ensuring your workloads remain **available** and **recoverable** no matter the data loss scenario.



## ALL-IN-ONE SOLUTION

for VM backup, full and instant granular restore, and ransomware protection.

## DEPLOY ANYWHERE

on NAS, Windows, Linux, or as a pre-configured Nutanix/VMware VA or AMI.

## STORE EVERYWHERE

including local folders, public clouds, S3-compatible storage, deduplication appliances, NAS, and tape.

## SAVE ON COSTS

starting at **\$2.50** per VM/month (subscription) or **\$229** per CPU socket (perpetual).

## FAST AND EFFICIENT VM BACKUP

Create backups of Nutanix AHV VMs as frequently as needed with minimal impact on production workloads and efficient use of storage resources.

**Agentless backup:** Back up Nutanix AHV VMs directly without additional software inside the VM guest OS, reducing resource consumption and maintenance costs.

**Incremental backup:** Create faster VM backups using native change Regions Tracking (CRT) and transfer only new and modified data to optimize storage and speed.

**Application-aware backup:** Ensure data consistency for applications and databases (Microsoft SQL Server, Exchange Server, Active Directory).

**Backup to Cloud:** Directly back up Nutanix AHV VMs to public clouds, including Amazon S3, Wasabi, Backblaze B2, and Azure Blob Storage.

**Backup to S3-compatible storage:** Send Nutanix AHV VM backups to object storage platforms that use the S3 API.

**Deduplication appliance integration:** Back up to HPE StoreOnce, Dell EMC Data Domain, and

NEC HYDRastor appliances with support for native deduplication protocols.

**Backup copy:** Create backup copies and send them offsite cloud, and other S3-compatible storage) or to other supported destinations.

**Backup copy to Tape:** Create and send backup copies to physical tape libraries and AWS VTL for secure and cost-effective archiving.

**Flexible retention:** Retain up to 10,000 recovery points per backup job and rotate them daily, weekly, monthly or yearly for point-in-time recovery should data loss or corruption occur.

**Federated Repository:** Combines various "member" repositories into a single, scalable repository to ensure backups are automatically shifted to available repositories in case of storage failures or capacity issues.

## BENEFITS

**2X**

faster backups with  
change tracking, LAN-  
free transfer and more

**49%**

lower TCO than  
other vendors for  
the same features

**4.8 STARS**

average rating for  
saving time and  
money

**5 MIN**

to fully deploy  
and configure the  
solution

**10,000**

recovery points per  
backup to meet strict  
RPO requirements

## GARTNER PEER INSIGHTS

NAKIVO Earns Recognition in Gartner® Peer Insights™ Voice of the Customer Report  
for Enterprise Backup and Recovery Solutions

**4.8**

Overall rating

**98%\***

Willingness to recommend

## INSTANT RECOVERY

Easily recover any necessary data from your Nutanix AHV VM backups within seconds, ensuring preparedness for any data loss scenario, even ransomware attacks.

**Full VM recovery:** Recover entire Nutanix AHV VMs from backups to the same or different location, with all their data, such as OS applications, configuration and system state.

**Direct VM recovery from tape:** Restore full Nutanix AHV virtual machines from tape backups directly to your infrastructure without using a staging repository.

**Cross-Platform Recovery:** Recover Nutanix AHV VMs as VMware or Hyper-V VMs by exporting backups in different virtual disk formats such as VMDK, VHD, or VHDX without compatibility issues.

**Instant granular recovery:** Instantly browse, search, and recover individual files, and folders from backups to the original or a custom location.

**Instant object recovery:** Instantly recover Microsoft Exchange Server, Active Directory and SQL Server objects to the original location or to a custom location (local folder or SMB share).

**Universal object recovery:** Recover individual objects by choosing a recovery point and mounting VM disks from the backup directly to another machine.

## RANSOMWARE PROTECTION FOR NUTANIX AHV

Protect VM backups from ransomware and other security risks with advanced functionalities like backup immutability, malware detection, encryption and robust security controls.

**Backup data tiering:** Store Nutanix AHV VM backup copies onsite, offsite, in the cloud and on tape to ensure availability and complete recoverability should a ransomware attack be successful.

**Immutable local backups:** Enable immutability for VM backups stored in Linux-based local repositories to prevent any accidental deletion or encryption by ransomware.

**Immutable cloud backups:** Create immutable VM backups in cloud storage platforms (Amazon S3, Wasabi, Azure Blob, Backblaze B2,) and other S3-compatible storage platforms.

**Deduplication appliance immutability:** Enable immutability for VM backups residing on NEC HYDRastor storage system.

**Air-gapped backups:** Store Nutanix AHV VM backups and backup copies offline on tape, detachable NAS devices or USB drives for air gap protection against ransomware.

**Backup malware scan:** Scan VM backups for potential malware and dormant ransomware infections to ensure safe recovery.

**Multi-layered encryption:** Protect backup data using AES-256 encryption at every stage of the backup and recovery process: at the source, during transit, and while stored in the repository.

**Robust security controls:** Prevent unauthorized access to backups with built-in security features like role-based access control (RBAC) and two-factor authentication (2FA).

## STREAMLINED OPERATIONS FOR BETTER PERFORMANCE

Enhance backup speed, reduce administrative overhead and optimize storage using a wide range of built-in features in NAKIVO Backup & Replication.

### AUTOMATED WORKFLOWS

**Policy-based data protection:** Automate backup and recovery tasks by defining custom policy rules to include or exclude VMs based on specific criteria.

**Job chaining:** Create seamless workflows by linking backup and backup copy jobs together. For example, a successful VM backup job to a local storage destination can start a Backup Copy job to copy the newly created backups to a public cloud.

### ENHANCED VISIBILITY AND MANAGEMENT

**Multilingual web interface:** Easily manage all backup and recovery activities in your preferred language: Full support for English and Spanish, in addition to other options<sup>BETA</sup> including French, German, Italian, Polish and Chinese.

**Overview dashboard:** Monitor the status of your data protection activities, solution components, and issues in a centralized dashboard.

**Calendar dashboard:** Manage current and future data protection workflows, schedule jobs and prevent overlap.

**Global search:** Instantly find VMs, backups, jobs, repositories, and other objects; act on search results.

### OPTIMIZED BACKUP PERFORMANCE

**Backup size reduction:** Reduce storage requirements and improve performance with compression, deduplication, unused block exclusion, log truncation, and more.

**Network acceleration:** Deploy an additional Transporter component to increase backup and recovery speeds in busy LAN and WAN networks, especially for offsite targets.

**LAN-Free data transfer:** Increase data transfer speeds and offload production networks using HotAdd or Direct SAN Access modes.

**Bandwidth throttling:** Manage network bandwidth usage by configuring global or per-job bandwidth rules, especially during working hours.

### LIGHTWEIGHT AND RESOURCE-EFFICIENT

**Minimal footprint:** Save resources with a small solution footprint, requiring only 2 CPUs and 4GB RAM for a full deployment.

## MSP-READY FOR BAAS AND DRAAS

NAKIVO Backup & Replication enables managed service providers (MSPs) to deliver data protection and disaster recovery as a service to clients with diverse IT setups.

**MSP Console:** Offer full BaaS/DaaS services to clients or manage client environments with standalone instances from the advanced MSP dashboard.

**Multi-tenancy:** Create up to 100 isolated tenants within one product instance and manage them from a single pane of glass.

### Tenant overview dashboard

Get a real-time view of all existing tenants'

environments, including jobs, repositories, nodes, inventory, and allocated resources, all at a glance.

**Self-service:** Offload data protection and recovery tasks to tenants via the self-service portal.

**Tenant resource allocation:** Allocate data protection infrastructure resources (Transporters and Backup Repositories) to tenants.

## TRUSTED BY GLOBAL BRANDS



## WHAT CUSTOMERS SAY ABOUT NAKIVO

“ Our Nutanix environment is reliably protected with the solution. The initial savings of switching to NAKIVO Backup & Replication was 60%, with ongoing maintenance savings of 50% each year.

Brett MacLarty,  
IT Manager at Lakes Grammar

“ The solution helped us reduce **backup time by 50%**. We **improved recovery times by 70%** with instant VM recovery and granular recovery features.

Jesus Alfonso Rangel Diaz, IT  
Coordinator, Foxconn BC

“ With granular recovery, we can restore files in just a few minutes, while previously it would have taken us hours to restore the entire VM that held it.

Krister Laag, CIO at Stendahls

## TOP RATED SOLUTION ON BIGGEST REVIEW PLATFORMS



## DEPLOYMENT OPTIONS

### VIRTUAL APPLIANCE

- Pre-configured VMware
- Pre-configured Nutanix Acropolis

### NAS

- QNAP QTS
- QNAP QuTS Hero
- QNAP QuTScloud
- Synology DSM
- ASUSTOR ADM
- TrueNAS CORE
- Netgear ReadyNAS OS
- WD MyCloud OS

### WINDOWS

- Windows Server
- Windows 11
- Windows 10
- Windows 8

### LINUX

- Ubuntu Server
- Ubuntu Server LTS
- Red Hat Enterprise Linux
- SUSE Linux Enterprise 15
- SUSE Linux Enterprise 12
- CentOS Linux
- CentOS Stream
- Debian
- AlmaLinux
- Oracle Linux
- Rocky Linux

## SYSTEM REQUIREMENTS

### SUPPORTED OPEN-SOURCE PLATFORMS

- Nutanix Acropolis 6.5 (LTS) - 7.0
- Nutanix Acropolis 6.7.1.5 (STS) - 6.7.1.7 (STS)
- Nutanix Acropolis 6.8 (eSTS) - 6.8.1 (eSTS)

### FULL SOLUTION DEPLOYMENT REQUIREMENTS

- **Server:** 2 CPU cores, 4 GB RAM
- **NAS:** Refer to [System Requirements](#)

## READY TO GET STARTED?

[DOWNLOAD FREE TRIAL](#)[BOOK FREE DEMO](#)