

NAKIVO®

What's New in NAKIVO Backup & Replication for MSPs



Table of Contents

Introduction	3
MSP Features and Enhancements	3
MSP Console	3
External Database for Multi-Tenancy	3
MSP Direct Connect	3
Tenant Overview Dashboard	3
NAKIVO Backup & Replication: Latest Key Additions	4
Backup and Recovery	4
Agentless Backup for Proxmox VE	4
Backup to Cloud for Microsoft 365	4
NAS Backup	4
Source-Side Backup Encryption	4
Real-Time Replication for VMware	4
Backup Malware Scan	4
Bare Metal Recovery	4
Direct Recovery from Tape	4
S3-Compatible Object Storage Support	4
File System Indexing	4
Backup from NetApp and HPE Storage Snapshots	4
Immutable Storage on NEC HYDRAsstor and DELL EMC	5
Granular Backup for Physical Machines	5
Workflow Management	5
Support and Compatibility	5
Offer Powerful BaaS and DRaaS with NAKIVO	5

Introduction

With every release, NAKIVO Backup & Replication introduces new features and capabilities to help Managed Service Providers (MSPs) deliver reliable, secure and profitable BaaS and DRaaS offerings. The latest changes build on this foundation with key enhancements that streamline multi-tenant management, automate DR workflows and expand platform coverage.

The following is a list of the latest MSP-oriented additions, followed by a brief summary of notable changes introduced to the NAKIVO solution up to v11.1.

MSP Features and Enhancements

MSP Console

The [Multi-Tenancy](#) functionality enables MSPs to manage, monitor and customize data protection operations for multiple clients in one place. The [MSP Console](#) took Multi-Tenancy to new levels of efficient centralization and administration.

From this console, MSPs can connect to clients who own standalone NAKIVO Backup & Replication deployments, and add them as remote tenants in their existing multi-tenant deployment. Instead of juggling different interfaces for standalone instances, MSPs can centrally manage the data protection activities and infrastructure components of remote tenants alongside existing local tenants, all in a single unified dashboard.

Tenant Overview Dashboard

The new dashboard enables MSPs to monitor real-time insights into client data protection infrastructures. This includes node health, job statuses, scheduled tasks, available resources, inventory, alerts and much more. MSPs can filter, sort and search to pinpoint and resolve issues, review performance metrics and track infrastructure usage across tenants. They can also perform bulk actions directly from the solution interface to streamline operations.

MSP Direct Connect

With the new Direct Connect for MSPs in v11.1, NAKIVO eliminates a major concern in managed services — open ports on the tenant's side. Typically, MSPs require firewall exceptions, VPN configurations and open ports to deliver their services. This increases the attack surface and complicates, and sometimes even delays, client onboarding.

The new capabilities enable MSPs to securely access and manage tenant environments without requiring changes to the tenant's firewall rules, configuring VPN or opening ports on the tenant's side. The communications between the MSP Director and Client Transporter are now fully encrypted to ensure privacy and security, as well as regulatory compliance.

This release also extends Direct Connect support to Hyper-V and Proxmox VE, in addition to VMware and physical environments, allowing MSPs to offer secure protection across hybrid infrastructures.

External Database for Multi-Tenancy

By default, NAKIVO Backup & Replication uses a built-in database to store the configuration data of the central management component – the Director.

With this enhancement, MSPs with a multi-tenant deployment can streamline management and ensure consistent Director data in large and dynamic multi-tenant environments.

NAKIVO Backup & Replication: Latest Key Additions

Backup and Recovery

[Agentless Backup for Proxmox VE](#)

Create agentless, incremental backups of Proxmox VE VMs and recover entire VMs, individual files or application objects in just minutes. Send backups and backup copies to local, cloud, S3-compatible platforms, NAS devices, deduplication appliances or tape. Enable encryption and immutability for backups stored in local and cloud targets for optimal ransomware resilience.

[Backup to Cloud for Microsoft 365](#)

Back up Microsoft 365 data directly to leading public clouds like Amazon S3, Wasabi, Azure Blob, Backblaze B2, or any S3-compatible storage to reduce reliance on on-prem infrastructure. Enable encryption and immutability for backups stored locally or in the cloud to protect against ransomware, accidental deletions and unauthorized changes. Create additional backup copies across different storage tiers—including cloud, local, NAS and tape—to align with the 3-2-1-1 backup strategy, eliminate a single point of failure and ensure data availability. Automate backup copy workflows with Job Chaining to maintain backup redundancy across different storage tiers.

[NAS Backup](#)

Back up SMB and NFS file shares from NAS devices, Windows or Linux systems to public clouds, S3-compatible platforms, NAS, deduplication appliances and local folders. Enable immutability and encryption for backups stored locally or in the cloud to protect against ransomware, accidental deletion and unauthorized changes.

[Source-Side Backup Encryption](#)

Encrypt backups and backup copies at the source, in transit and at rest to prevent unauthorized access. Integrate with AWS KMS for secure key management and password loss protection.

[Real-Time Replication for VMware](#)

Create real-time replicas of VMware VMs with RPOs as low as 1 second and automate failover to these replicas during outages through Site Recovery workflows. Install the I/O Filter and Journal Service automatically on source and target hosts to eliminate manual setup and reduce errors.

[Backup Malware Scan](#)

Eliminate the risk of virus and ransomware infections with reliable pre-recovery scans.

[Bare Metal Recovery](#)

Restore entire physical machines from backups to the same or other identical hardware without reinstalling OS/ applications.

[Direct Recovery from Tape](#)

Recover VMs (including Proxmox VE VMs), AWS EC2 instances and physical machines as VMware vSphere VMs directly to your infrastructure from backups stored on tape.

[S3-Compatible Object Storage Support](#)

Send backups to storage targets that employ the S3 API and enable immutability for anti-ransomware protection.

[File System Indexing](#)

Easily search for specific files and folders in your backups using the Global Search dashboard to save time during recoveries.

[Backup from NetApp and HPE Storage Snapshots](#)

Optimize performance by using native storage snapshots for VM backups.

Immutable Storage on NEC HYDRAsstor and DELL EMC

Enable immutability for backups stored on NEC HYDRAsstor or DELL EMC storage systems to protect against ransomware, accidental deletions and unauthorized changes.

Granular Backup for Physical Machines

Create granular backups of specific volumes or folders on Windows and Linux machines and recover selected data directly to SMB/NFS shares, email or via browser download.

Workflow Management

- **Multilingual Interface:** Manage backup and recovery operations in English, Spanish, French, Italian, German, Polish and Chinese. Check job reports, email alerts and recovery verification screenshots in the selected language.
- **Federated Repository:** Combine multiple “member” backup repositories to create a large, easily scalable repository that accommodates growing data volumes and eliminates storage bottlenecks. If a member repository fails or reaches capacity, backups automatically shift to other available members.
- **Job Priority:** Assign priority levels (1-5) to jobs based on their importance.
- **Merge Jobs:** Simplify the management of existing backup jobs via merging.
- **Improved Backup Retention:** Specify retention settings for each schedule within a single job and set expiration dates for recovery points.
- **Universal Transporter:** Improve workflow efficiency and reduce network load by using a single universal transporter for multiple workload types on the same host.

Support and Compatibility

- VMware vSphere 9 Full Support
- Debian Support

Offer Powerful BaaS and DRaaS with NAKIVO

[DOWNLOAD FREE TRIAL](#)

Free for 15 days. No feature limitations.

[SCHEDULE A DEMO](#)

Get answers on features, pricing, use cases.