



NAKIVO Backup & Replication for Ransomware Protection

NAKIVO Backup & Replication provides advanced ransomware protection with multiple storage and recovery options to restore critical data and resume operations.

ROBUST

Protect your data against ransomware attacks with comprehensive defense mechanisms and rapid recovery options.

SECURE

Use a combination of immutable, air-gapped backups, diverse recovery options, and automated storage tiering to protect your data from ransomware.

VERSATILE

Leverage flexible storage options and rapid recovery capabilities to restore data swiftly and effectively after ransomware incidents.

COST-EFFECTIVE

Flexible pricing model with both subscription and perpetual licenses with the ability to scale up or down as required.

COMPREHENSIVE RANSOMWARE PROTECTION AND RECOVERY

Protecting diverse environments against ransomware threats

All-in-one support: Use incremental, app-aware backups to protect your virtual, physical, cloud and SaaS environments.

Immutable Backups: Create ransomware-proof immutable backups that cannot be encrypted, modified or deleted by anyone.

Air-gapped backups: Keep backup copies offline on detachable media (USB, NAS or tape) for an additional layer of ransomware protection.

3-2-1 tiering: Store immutable backups in local, cloud (Amazon S3, Wasabi, Azure Blob Storage, Backblaze B2) and S3-compatible storage targets.

Malware scans: Check your backup data for dormant ransomware and viruses to ensure it can be safely used for recovery.

1-click disaster recovery: Resume key operations within near-zero downtime and data loss by activating your pre-built Site Recovery sequences.

Cyber-secure environment: Protect backups from unauthorized access with role-based access controls, two-factor authentication and AES-256 encryption in flight and at rest.

BENEFITS



2X FASTER

with native incremental change tracking



49% LESS

costs than other market vendors



4.8/5 STARS

based on community reviews



12+ OPTIONS

to restore lost/deleted data



5 MINUTES

to deploy, configure and run the backup job



98% CSAT

for highly responsive technical support

GARTNER® PEER INSIGHTS

Named in the Honorable Mention Section in the 2024 Gartner® Magic Quadrant™ Enterprise Backup and Recovery Software Solutions again*

4.8 out of 5

Overall rating

97%*

Willingness to recommend

HIGH-SPEED, AUTOMATED MANAGEMENT

Easy automation, intuitive controls and performance boosters

Policy-based data protection: Set up custom policy rules to automatically back up/replicate all VMs and physical machines that match your criteria.

Automated backup copy: Link jobs together to automate backup data movement across storage targets with Job Chaining.

Instant recovery: Boot VMs directly from backups; perform granular recovery of files/app objects; restore physical machines to bare metal or as VMs; recover VMs across different hypervisors with Cross-Platform Recovery.

Streamlined disaster recovery: Build flexible sequences to automatically perform emergency failover, failback, planned migration and disaster recovery testing

Calendar dashboard: View and manage all past, current, and future data protection jobs in a simple

calendar view. Easily find open time slots for new jobs and prevent possible job overlaps.

Performance features: Cut backup/replica size and boost speeds with deduplication, unused block exclusion, and log truncation.

Bandwidth savings: Optimize network usage with built-in LAN-free data transfer, compression and bandwidth throttling.

Lightweight software: Small footprint with only 2 CPUs and 4GB RAM for a full deployment.

Global search: Instantly find VMs, backups, replicas, jobs, and other objects. Quickly search and recover files and folders within backups based on criteria like name, type, recovery point date, and location.

FAST, AFFORDABLE AND TOP-RATED

Versatile software for hybrid setups

Multi-platform support: Protect VMware vSphere, Microsoft Hyper-V and Nutanix AHV VMs, Proxmox VM data, Amazon EC2 instances, VMware Cloud Director objects, Windows and Linux servers/workstations, Microsoft 365 data, network shares (SMB/NFS) and Oracle databases in one place.

Flexible deployment: One-click Windows installation; Single-command Linux deployment; Pre-configured VA or AWS AMI with a built-in ransomware-proof repository; Fast installation on leading NAS brands.

Flexible licensing: Pay for only what you need with a per-workload subscription, or use the solution indefinitely with a perpetual license.

Affordable pricing: Save up to 49% with NAKIVO's competitive prices, starting at \$229/CPU socket or \$2.45 per workload/month.

Scalable solution: Scale out your data protection infrastructure with ease as your environment grows.

Multi-channel technical support: Resolve issues quickly with NAKIVO's technical support engineers – available 24/7 via live chat, email or phone.

MSP-READY

Comprehensive BaaS and DRaaS offerings

MSP Console: Deliver full BaaS/DRaaS services to clients or manage client environments with standalone instances of NAKIVO Backup & Replication 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.

Self-Service: Offload data protection and recovery tasks to tenants using the Self-Service Portal.

Tenant Resource Allocation: Allocate data protection infrastructure resources (host, clusters, VMs, Transporters, Backup Repositories, etc.) to tenants based on their individual needs.

Direct Connect: Access the remote resources of your clients through a single direct port connection without the need for a VPN connection.

TRUSTED BY CUSTOMERS



WHAT CUSTOMERS SAY ABOUT NAKIVO

“Thanks to NAKIVO Backup & Replication, we improved performance, saved time on management, and enabled immutability to protect our data against ransomware,”

Diano Tura, founder of Dorelan

We experienced a cyberattack, and NAKIVO's engineering team provided excellent support to restore all our affected servers very quickly after the ransomware incident.

Jesus Alfonso Rangel Diaz
IT Coordinator at Foxconn BC

“NAKIVO Backup & Replication is a stable VM backup solution, which provides immutable backups that protect you against ransomware and lets you recover entire virtual machines in a matter of minutes.”

Gabriel Palafox, General
Director at Sensanet.

TOP-RATED SOLUTION ON THE BIGGEST REVIEW PLATFORMS



DEPLOYMENT OPTIONS

NAKIVO Backup & Replication can be installed on the following operating systems and devices:

WINDOWS

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

LINUX

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

NAS

- QNAP QTS
- TrueNAS CORE
- QNAP QuTS Hero
- Netgear ReadyNAS OS
- QNAP QuTScloud
- WD MyCloud OS
- Synology DSM
- FreeNAS 11.3
- ASUSTOR ADM

VIRTUAL APPLIANCE

- Pre-configured VMware
- Pre-configured Nutanix Acropolis

HARDWARE

NAKIVO Backup & Replication requires the following hardware configuration:

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

For more information: Refer to [Deployment Requirements](#).

SUPPORTED ENVIRONMENTS

NAKIVO Backup & Replication can protect the following platforms:

VIRTUAL

- VMware vSphere
- Nutanix AHV (LTS)
- VMware Cloud Director
- Proxmox VE
- Microsoft Hyper-V

MICROSOFT 365

- Exchange Online, SharePoint Online, OneDrive for Business, Microsoft Teams

PHYSICAL

- Windows Server
- SUSE Linux Enterprise 12
- Windows 11
- CentOS Linux
- Windows 10
- CentOS Stream
- Windows 8 Professional
- Debian
- Ubuntu Server LTS
- AlmaLinux
- Ubuntu Desktop LTS
- Oracle Linux
- Red Hat Enterprise Linux
- Rocky Linux
- SUSE Linux Enterprise 15

AMAZON ELASTIC COMPUTE CLOUD (EC2)

- All AWS regions
- Virtual Private Cloud (VPC) and Classic
- All instance types

APPLICATIONS

- Oracle Database (RMAN)

STORAGE INTEGRATION

NAKIVO Backup & Replication provides advanced integration with the following deduplication appliances:

- HPE StoreOnce system
- HPE Nimble OS
- Dell EMC Data Domain
- HPE Primera OS
- NEC HYDRastor
- HPE Alletra OS
- NEC Storage HS Universal
- NetApp ONTAP
- Express I/O Module
- NetApp AFF/FAS
- HPE 3PAR OS

For more information: Refer to [Supported Environments](#).

READY TO GET STARTED?

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[BOOK FREE DEMO](#)

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