NAKIVO Backup & Replication v9

#1 Backup and Site Recovery for Physical, Virtual, and Cloud Environments

A fast, reliable, and affordable solution which delivers backup, replication, instant granular restoration, and site recovery in a single pane of glass.

Backup

With NAKIVO Backup & Replication, you can reliably protect your physical, virtual and cloud environments, ensure consistency of application data, increase backup performance, and reduce backup size.

- **VM Backup**: Create image-based, incremental backups of VMware, Hyper-V, and Nutanix AHV VMs.
- **Windows Server Backup**: Create image-based, incremental backups of Windows Server physical machines.
- **Backup to Cloud**: Send backups or backup copies to public clouds, including AWS and Azure.
- **Cloud Backup**: Create image-based, incremental backups of AWS EC2 instances.
- **Policy-based Backup**: Automatically back up machines that match policy rules, which can be based on machine name, tag, size, location, etc.
- **Application Support**: Ensure the consistency of applications and databases, such as Microsoft Exchange, Active Directory, SQL, Oracle, SharePoint, and others.
- **Log Truncation for Microsoft Exchange**: Truncate Exchange log files after a successful machine backup.
- **Log Truncation for Microsoft SQL**: Truncate SQL log files after a successful machine backup.
- **Global Deduplication**: Deduplicate backups across the entire backup repository, regardless of the platform.
- **Swap Data Exclusion**: Automatically exclude swap data from VMware and Hyper-V VM backups.
- **Backup Copy**: Create copies of your backups and send them to a remote site or public cloud.
- **Instant Backup Verification**: Instantly verify VMware and Hyper-V VM backups, get a report with screenshots of test-recovered machines.
- **Backup Encryption**: Protect your data in flight and at rest with AES 256 encryption.
- **Deduplication Appliance Support**: Send backups to deduplication appliances such as NEC HYDRAstor, EMC Data Domain Boost, HP StoreOnce, Quantum DXi, and others.

- Over 11,000 paying customers across the Americas, Europe, and Asia
- Largest customers protect 7,000+ VMs, 200+ sites
- Best of VMworld 2018: Gold Award for the Data Protection category
- 97.3% customer satisfaction with support
- 5-star online community reviews
- Pricing starts as low as $99/socket or $17 per machine/year
Operational Recovery

With NAKIVO Backup & Replication, you can instantly recover VMs, files, and Microsoft application objects directly from deduplicated backups.

- **Instant VM Recovery**: Boot VMware and Hyper-V VMs directly from deduplicated backups, migrating booted VMs to production if necessary.
- **Physical to Virtual (P2V)**: Recover physical machines to VMware VMs and Hyper-V VMs.
- **Instant File Recovery to Source**: Browse, search, and instantly recover files and folders back to source.
- **Instant Object Recovery for Microsoft Exchange**: Browse, search and recover individual emails and other Exchange objects.
- **Instant Object Recovery for Microsoft Active Directory**: Browse, search and recover individual users, user groups and other Active Directory objects.
- **Instant Object Recovery for Microsoft SQL**: Browse, search and recover individual tables and databases back to source.
- **Universal Application Object Recovery**: Instantly recover objects of any application by mounting disks from a backup directly to your production machines.
- **Cross-platform Recovery**: Export VM disks across platforms to recover VMware VMs to a Hyper-V environment and vice versa.

Disaster Recovery

With NAKIVO Backup & Replication, you can perform near-real time VM replication as well as automate and orchestrate the site recovery process.

- **Site Recovery Orchestration**: Create recovery workflows and perform scheduled non-disruptive site recovery testing, planned failover, emergency failover, failback, and datacenter migration in a single click.
- **VM Replication**: Create and maintain VMware and Hyper-V VM replicas which are identical copies of your source VMs.
- **AWS EC2 Instance Replication**: Create and maintain AWS EC2 instance replicas which are identical copies of your source instances.
- **Policy-based Replication**: Automatically replicate machines that match policy rules, which can be based on machine name, tag, size, location, etc.
- **Application Support**: Ensure the consistency of applications and databases, such as Microsoft Exchange, Active Directory, SQL, Oracle, SharePoint, and so on.
- **Log Truncation for Microsoft Exchange**: Truncate Exchange server log files after a successful machine replication.
- **Log Truncation for Microsoft SQL**: Truncate SQL server log files after a successful machine replication.
- **Replica verification**: Instantly verify VMware and Hyper-V VM replicas, get a report with screenshots of test-recovered machines.
- **Encryption**: Protect your data in flight with AES 256 encryption.
- **Swap Data Exclusion**: Automatically exclude swap data from VMware and Hyper-V VM replicas.

Customer Quotes

“NAKIVO Backup & Replication is a steady product that does its job without constant monitoring and controlling. Basically, it provides me with peace of mind.”

*Andrew Arensburger, IT Manager, The University of Maryland*

“NAKIVO Backup & Replication is an outstanding product that offers great features and does not break the budget. The product saved management time by 35% and reduced our VMware backup budget by 30%.”

*Stivan Chou, Representative China Airlines*

“The amount of storage space reduction we got with NAKIVO Backup & Replication’s was truly awesome. We achieved 3X reduction in storage space!”

*Roland Kalijurand, IT Manager Radisson Park Inn*

“NAKIVO Backup & Replication has saved us a tremendous amount of time and money. NAKIVO Backup & Replication provided us with a robust and cost-effective VM backup solution for protecting our virtual environment.”

*Tony Burrus, CTO Compton Unified School District*

“With NAKIVO Backup & Replication, we have saved more than 50% vs. maintenance of our previous VM backup solution, and have additionally saved 25% more in storage space costs with better deduplication, lowering our backup expenses by 75% overall.”

*Rick Braddy, Founder and CEO/CTO SoftNAS, Inc.*
Performance
With NAKIVO Backup & Replication, you can boost backup, replication, and recovery speed by up to 2X in addition to reducing your network load by as much as 50%.

- **Native Change Tracking**: Use native change tracking technologies (VMware CBT, Hyper-V RCT, Nutanix AHV CRT) to instantly identify modified data, and only send the changes to the destination.
- **LAN-free data transfer**: Use Hot Add or Direct SAN Access modes to increase data transfer speed while offloading production networks.
- **Network Acceleration**: Increase performance in busy LAN and WAN networks with built-in Network Acceleration.
- **Bandwidth Throttling**: Limit the speed of data transfer by configuring global or per-job bandwidth rules.

BaaS and DraaS
NAKIVO Backup & Replication provides a simple way to deliver data protection and disaster recovery as a service.

- **Multi-Tenancy**: Create multiple 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 via the self-service portal.

Ease of Use
NAKIVO Backup & Replication provides a simple web interface and comes with great features to help you save time and money.

- **Calendar Dashboard**: View all past, current, and future jobs in a simple calendar view.
- **Global Search**: Instantly find VMs, backups, replicas, jobs, repositories, transporters, and other objects, acting on search results.
- **Self-Backup**: Protect system configuration including all of your jobs, inventory, settings, and so on.
- **Live Chat with Tech Support**: Get help without leaving the Web interface.
- **Microsoft Active Directory**: Integrate with Microsoft Active Directory and map user groups to NAKIVO Backup & Replication user roles.
- **API**: Integrate NAKIVO Backup & Replication with monitoring, automation, and orchestration solutions via HTTP API.

About NAKIVO
The winner of a “Best of VMworld 2018” and the Gold Award for Data Protection, NAKIVO is a US-based corporation dedicated to developing the ultimate VM backup and site recovery solution. With 20 consecutive quarters of double-digit growth, 5-star online community reviews, 97.3% customer satisfaction with support, and more than 11,000 paying customers worldwide, NAKIVO delivers an unprecedented level of protection for virtual, physical, and cloud environments.

© 2019 NAKIVO, INC. ALL RIGHTS RESERVED. ALL TRADEMARKS ARE THE PROPERTY OF THEIR RESPECTIVE OWNERS