

Nakivo Backup & Replication™

Nakivo provides an easy to use, highly reliable connect to cloud, disaster recovery and business continuity software solution with advanced backup and replication technology for VMware environments.

USER FEEDBACK

“There is clearly a need for a VM data protection application that is easy to use yet feature rich. NAKIVO has made clear strides in addressing that demand and is certainly a product that companies in the SMB space should consider when looking for a data protection solution more tailored to their reality.”

**George Crump, Lead Analyst,
Storage Switzerland**

“I absolutely like NAKIVO Backup & Replication for its time saving performance, and storage saving deduplication. With NAKIVO Backup & Replication I can pick the recovery point and it restores a consistent VM, even when the repository has been moved to a different place.”

**Thomas
Development Systems Manager
Illinois**

“I do really like the easy to use web interface. You know I can even manage jobs from home. The replication went so fast I did not think anything happened. However, I was able to power the machine on at the colocation recovery site. I really like this product. It is very easy to use.”

**Mark
IT Manager
Austin**

The Challenge

The inherent value and rapid growth of virtualized systems and associated data has resulted in virtualization becoming business critical. While keeping business service availability and increasing data demands in mind, organizations are looking for a better way to improve efficiency, reduce their exposure to unplanned downtime, and maintain high availability—all while keeping it simple and within their limited budget.

The Solution

Nakivo Backup & Replication is a high-performance solution that meets demanding reliability, performance and scalability requirements without sacrificing simplicity and efficiency. Designed to address the challenges of backup and replication for virtual and cloud environments, its performance is equally adept at backing up or replicating VMs with live applications, groups of VMs supporting a business service, and transaction-intensive virtualized workloads. And its fully automatic discovery of available I/O paths, advanced protection features, and extensive dashboard functionality delivers the highest levels of performance, reliability, and ease of use available in the market today.

Performance

Whether working with offline applications or live databases within a VMware environment, Nakivo Backup & Replication has the ability to sustain near real-time replication, lightning-fast backups and linear scalability. Nakivo Backup & Replication is designed to deliver the maximum performance and meet difficult Recovery Time Objectives (RTOs) of approximately fifteen minutes and Recovery Point Objectives (RPOs) of approximately one minute.

Simplicity

With an intuitive browser based user interface, navigation throughout Nakivo Backup & Replication is simple, fast and can be easily accomplished by new user without training or manuals. Rather than being tied to a desk, an IT administrator can freely go to users or out of the office as needed, while still having easy access to protection jobs and the entire user interface from a browser on a computer or iPad.

Reliability

For strong reliability, Nakivo Backup & Replication can automatically detect and protect new VMs. Nakivo also verifies the integrity of each backup and replication. Optional encryption of VMs over WAN enables greater security, while automatic transmission retries enables a greater percentage of successful job completions. Furthermore, an administration may recover a VM from the last recovery point or from several days or even weeks ago.



Key Features

Inexpensive with no additional hardware, training or software required

Easiest to use with a web based user interface accessible from anywhere at any time, from even an iPad.

Better jobs with multiple prioritized VMs, hosts, and clusters

Near Continuous Protection with backup and replication reoccurring as frequently as every 1 minute

Automatically detects new VMs when set to protect hosts or clusters.

Status monitoring with dashboard view, alerts, and email notifications

Runs as a low resource consuming Windows process that can be separate from production ESX(i) hosts.

Provides backup and replication **from many to many** sites including local and remote recovery.

Mitigates human errors through backup and replication automation and scheduling.

Reduces downtime by reaching lower recovery time objectives (RTO) and recovery point objectives(RPO).

Supported Environments

VMware vSphere Infrastructure Platforms: vSphere 5.1, 5.0 and 4.1

Hypervisors: ESXi 5.1, ESXi 5.0, ESXi 4.1, and ESX 4.1


vCenter servers: 5.1, 5.0 and 4.1

Virtual Machines OS: All operating systems supported by VMware


Installs on:

- Ubuntu Server 12.04 x64
- Windows 2012
- Windows 2008 R2
- Windows 8 & 7 Professional 32-bits
- Windows 8 & 7 Professional 64-bits


NAKIVO Backup & Replication




Application Servers




Active Directory




Exchange Servers



Database Servers



Web Servers



File & Print

Easiest to Setup and Use

Leading RTO & RPO Performance

Strong Reliability

VMware

Supports

- Dropbox cloud storage for safe and simple storage of VM backups to cloud
- Amazon cloud for backing VMs up to targeted remote data center location(s)
- Backing up and replicating thick or thin-provisioned disks
- Reducing bandwidth and storage requirements with Change Block Tracking (CBT)
- Backing up and replicating live application VMs with VMware quiescing and Volume Shadow Copy Service (VSS)
- Omitting white space for faster backups and replications
- Retrying automatically any failed backup and replication job
- Replicating or backing up VM images across local and wide-area networks (WAN)
- Grouping VMs, hosts and/or clusters into jobs and groups by location, business service, application, organization, or any other type required.
- Skipping selected disks within a VM.
- Dynamic VMware environments including VMotion, StorageVMotion and DRS

License Options

To meet the needs of customers, Nakivo Backup and Replication licenses are CPU socket based and only charged for on the source side of virtualized environments.

About Nakivo, Inc.

Nakivo is a global leader in providing VM backup and replication solutions to help SMBs protect their virtualized data, applications and business services. Nakivo Backup and Replication for VMware is the only easy use and 100% web based user interface solution for VMware administrators. Our software provides near real-time and highly reliable backup and replication of live virtualized machines, applications and business services. More information is available at www.nakivo.com. Follow Nakivo on Twitter, LinkedIn and Facebook.



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 If you are located outside North America, you can find local office information on our Web site.