NAKIVO®

NAKIVO® Backup & Replication
Frequently Asked Questions

Upgrades

Do I need a new license file to upgrade from version 2 to version 3?

Yes, you need a new license file to install version 3. License files from previous versions cannot be used to install NAKIVO Backup & Replication version 3.

Is v3 upgrade free from previous versions?

Yes, all upgrades are free for customers on maintenance. All new purchases include 1 year of free maintenance. When the maintenance expires, you can renew it by contacting sales@nakivo.com.

Editions

What are the differences between Essentials and Pro editions?

The Essentials and Pro editions of NAKIVO Backup & Replication are identical in terms of features. The Essentials Edition is priced at 50% of the Pro edition and works only with VMware vSphere Essentials and Essentials Plus. The Pro Edition works with VMware vSphere Standard, Enterprise, and Enterprise Plus.

How is the Free edition different from the paid editions?

The Free Edition provides a quick and simple way to make ad-hoc backups of running VMs for operational, archival, and portability purposes. The paid editions provide the ability to continuously protect virtual environment with backup and replication. To learn more, please see the Free vs. Paid Comparison.

Licensing

How is NAKIVO Backup & Replication licensed?

NAKIVO Backup &Replication licenses are CPU socket based and only charged for the source side of backup or replication. For more information, please contact sales@nakivo.com.

Are any product features or components licensed separately?

No, all features and components in NAKIVO Backup & Replication are covered with a single, per-socket license.

Requirements

Can the product run on a VM?

Yes, NAKIVO Backup & Replication has been certified by VMware, received the highest level of endorsement – the VMware Ready status, and can fully run on a VM.

What are the system requirements?

Hardware Requirements
- CPU: 2 CPUs
- RAM: 4 GB
- Free space: 1GB

Supported OS
- Windows:
    - Windows Server 2012 Standard (x64)
    - Windows Server 2008 R2 Standard (x64)
    - Windows 8 Professional (x86)
    - Windows 8 Professional (x64)
    - Windows 7 Professional (x86)
    - Windows 7 Professional (x64)
- Linux:
    - Ubuntu 12.04 Server (x64)
    - SUSE Linux Enterprise Server 11 SP2 (64-bit)
    - Red Had Enterprise Linux 6.3 (64-bit)

Supported OS Localizations
- English
- Italian
- German
- French
- Spanish

Supported Hypervisors
- VMware vSphere 5.1, 5.0, and 4.1
- Standalone ESXi 5.1, 5.0, and 4.1
- Standalone ESX 4.1

Are ESX 4.0 and vCenter 4.0 supported?

No, you need to upgrade your virtual environment to version 4.1. The upgrade is free and is recommended by VMware.

Product

What are the product components?

NAKIVO Backup & Replication consists of two components:

- **Director** is a core server of NAKIVO Backup & Replication which provides the Web user interface, database, and logic, as well as manages Transporters.
- **Transporter** is a "data mover" which performs actual backup, replication and recovery procedures, as well as compression, encryption, and deduplication. You can install multiple Transporters in your environment to distribute the load between them. You can also install Transporters in multiple sites to perform backup, replication, and recovery over WAN.

By default, both Director and Transporter are installed by the product installer. This way you can use NAKIVO Backup & Replication right after installation. You can then install more Transporters if a need arises.

Can I back up live applications and databases?

Yes, you can back up, replicate, and recover live VMs running Exchange, Active Directory, MS SQL, Oracle, and other applications and databases.

Is back up of large VMs supported?

Yes, you can back up, replicate, and recover 500+ GB VMs with NAKIVO Backup & Replication.

Can I seed the initial backup?

Yes, you can perform initial backup to a disk, then transfer the disk to a remote location, and then run forever-incremental backups to that new location, thus saving time and bandwidth on initial backup.

How does data de-duplication work?

De-duplication significantly reduces storage consumption by saving only unique data blocks to a repository. During backup, NAKIVO Backup & Replication compares each new block of data to ones that are already available in a repository. Unique data block are written into the repository, while those blocks that are already available in the repository are skipped. This way one block of data can be used to recover several different VMs.

Can I exclude VM disks from backup and replication jobs?

Yes, you can choose what disks you would like to back up or replicate in NAKIVO Backup & Replication.

#1 Virtualized Data Protection