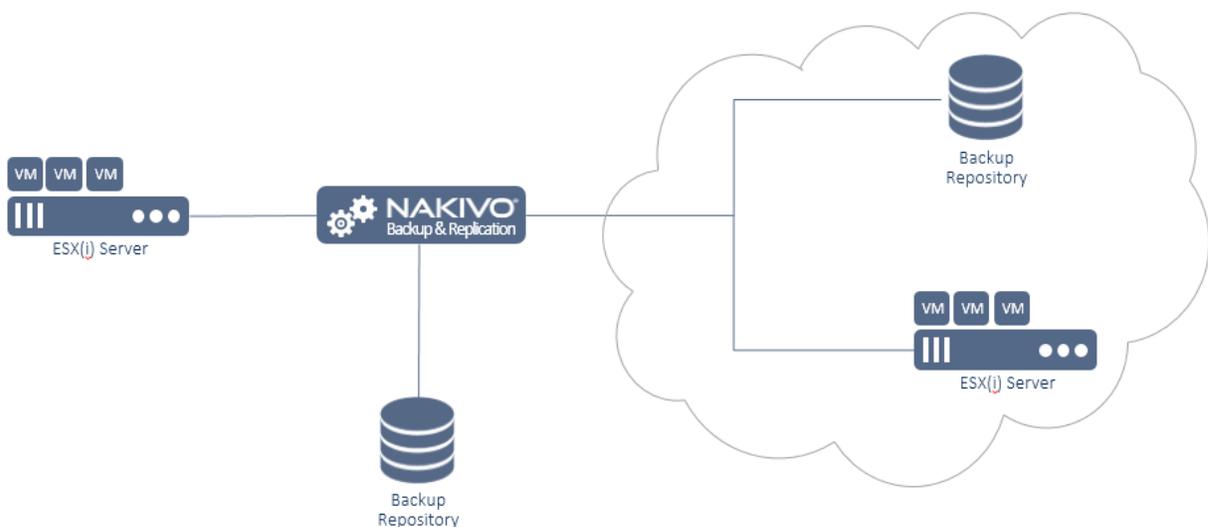


# NAKIVO® Backup & Replication Frequently Asked Questions

## Product

### What is NAKIVO Backup & Replication?

NAKIVO Backup & Replication is an all-in-one VMware VM backup, replication, and recovery solution designed to protect VMs onsite, offsite, and in the cloud.



### How many VMs can NAKIVO Backup & Replication protect?

NAKIVO Backup & Replication is a modular solution that can be fully installed on a single machine to protect small and mid-sized environments, as well as scale out horizontally and support large distributed environments with 10,000+ VMs.

### Does the product support 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. Using the application-aware mode, NAKIVO Backup & Replication ensures that data inside VM backups and VM Replicas is consistent, and that you can recover files, application objects, and entire VMs.

## Does the product support large VMs?

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

## Can I stage (seed) the initial VM backup or replica?

Yes, you can perform initial backup and replication to a removable media (such as a USB drive), then transfer the media to a remote location, and then run forever-incremental backup and replication jobs to that new location, thus saving time and bandwidth.

## 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.

## Does the product provide granular recovery?

Yes, you can instantly recover files and Microsoft Exchange objects directly from compressed and deduplicated VM backups without recovering the entire VM first.

## How does data deduplication work?

Deduplication 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 the backup repository. Only unique data blocks are written into the backup 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.

# Editions

## What are Essentials editions?

NAKIVO has introduced Pro for VMware Essentials and Enterprise for VMware Essentials editions to help small businesses protect virtual infrastructure at an affordable price. These editions have the same feature set as the Pro and Enterprise editions respectively, but come at a lower price and support only Essentials and Essentials Plus editions of VMware vSphere.

## 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. Qualified Cloud Service Providers can also license the product on the per-VM monthly rental basis. For more information, please contact [sales@nakivo.com](mailto: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.

# Upgrades

## Do I need a new license to upgrade to a new major version?

Yes, you need a new license file to install each new major version of the product. License files from previous versions cannot be used to install newer version of the product.

## Are upgrades to major versions free for existing customers?

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](mailto:sales@nakivo.com).

For more information, please refer to the help center at <http://www.nakivo.com/helpcenter/>

