NAKIVO® Backup & Replication

vs. Veeam Backup & Replication

In a nutshell

NAKIVO differentiators:

- VMware certified
- 2X+ less resource utilization
- Windows, Linux, and virtual appliance deployments
- 180 seconds installation and configuration
- Exceptionally intuitive Web 2.0 interface
- Backup to Amazon and Dropbox public clouds
- Deduplication across entire repository
- Protected infrastructure monitoring
- 50% the price of Veeam, 2X ROI and TCO

NAKIVO strengths:

- Local and remote backup and replication with up to 1 minute RPO
- Backup and replication of live running applications and databases (Exchange, SQL, Oracle, Active Directory, etc.)
- Data compression in flight and at the rest, changed block tracking
- AES-256 encryption
- SAN support
- Email notifications

Detailed differentiators

	NAKIVO Backup & Replication Pro Edition	Veeam Backup & Replication Standard Edition	DESCRIPTION
Installation			
60 seconds install	✔	✘	NAKIVO Backup & Replication is the fastest to install and requires just 2 clicks and less than 60 seconds to complete the installation. Veeam takes significantly longer to deploy.
Full Windows or Linux installation	✔	✘	NAKIVO Backup & Replication can be fully installed on Windows 7, 8, 2008 Server, and 2012 Server, as well as on Linux Ubuntu 12.04 (other Linux deployments available upon request). Veeam can be installed only on Windows OS.
Deploy as a virtual appliance	✔	✘	NAKIVO Backup & Replication can be optionally deployed as a virtual appliance running Linux (available upon request). Veeam can be installed only on Windows OS.

	NAKIVO Backup & Replication Pro Edition	Veeam Backup & Replication Standard Edition	DESCRIPTION
Integrated production database	✔	✖	Veeam comes with the SQL Express database that is not recommended for use in production. You will need to buy, install, configure, and migrate to a new production database after installing Veeam. NAKIVO Backup & Replication comes with integrated database for production.
Usability			
Web UI	✔	✖	NAKIVO Backup & Replication features next gen Web 2.0 interface that enables managing of all aspects of data protection at any time and from anywhere. Veeam is a Windows desktop application and does not have a Web UI.
Tablet-ready	✔	✖	With NAKIVO Backup & Replication you can access data protection from your tablet even while you are outside the office and on the go. Veeam is a Windows desktop application and does not have a Web UI.
Manuals and training	✔	✖	NAKIVO Backup & Replication is so simple to use that you don't need to read any manuals to get started and use the product. Veeam requires reading manuals to deploy, configure, and use the product.
120 seconds configuration	✔	✖	Configuration of NAKIVO Backup & Replication is fast, intuitive, and takes 120 seconds on average. Veeam takes significantly longer to configure.
Job grouping	✔	✖	In NAKIVO Backup & Replication you can group jobs in a folder tree structure to represent locations, departments, business services, applications, and any other logical structures making it easy to manage data protection jobs. Veeam does not provide this feature.
Group actions	✔	✖	With NAKIVO Backup & Replication you can manage your grouped jobs in bulk, such as start, stop, or put jobs into maintenance. Veeam does not provide this feature.
Dashboards	✔	✖	In NAKIVO Backup & Replication, all information about your jobs is summarized in job and group dashboards Veeam does not provide this feature.
Backup to public clouds			
Amazon	✔	✖	In addition to local and remote backup, NAKIVO Backup & Replication supports direct backup to Amazon EC2 cloud to save your backups offsite. Veeam does not provide this feature.
Dropbox	✔	✖	NAKIVO Backup & Replication can also back up to Dropbox – easy-to-use and cost-effective public cloud storage. Veeam does not provide this feature.

	NAKIVO Backup & Replication Pro Edition	Veeam Backup & Replication Standard Edition	DESCRIPTION
Performance			
Low resource utilization	✔	✘	NAKIVO Backup & Replication requires 2CPUs and 2GB RAM for the full product deployment and each additional Transporter you deploy. Veeam requires 4 GB RAM for the Backup and Replication server + 2 GB RAM *per job* for each Backup Proxy server + 2GB RAM *per job* for each Backup Repository server. CPU wise, Veeam requires 1 CPU for Backup and Replication server + 2 CPUs for each Backup Proxy server + 1 CPU for each Backup Repository server.
Multi-threaded processing	✔	✘	Within one job, Veeam can process only one VM at a time. NAKIVO Backup & Replication can process multiple VMs at a time which results in faster job completion and smaller maintenance windows.
Space savings			
Global deduplication	✔	✘	Veeam performs deduplication at the job level, which means that if you back up 3 VMs in 3 jobs there is no deduplication and no space savings. NAKIVO Backup & Replication deduplicates data across entire repository, taking into account all VMs that you back up.
Reliability			
VMware certified	✔	✘	Built specifically for virtual environments, NAKIVO Backup & Replication has been certified by VMware and has achieved VMware's highest level of endorsement – the VMware Ready status. Although Veeam claims to be built for virtualization, their technology cannot be certified by VMware.
Full synthetic data storage	✔	✘	In NAKIVO Backup & Replication, all backups are always stored in the full synthetic mode, allowing VM recovering from any recovery point even if previous increments are lost or damaged. Veeam has multiple data storage modes that do not provide the same level of reliability.
Protected infrastructure monitoring	✔	✘	NAKIVO Backup & Replication monitors protected infrastructure and VMs 24/7 and notifies you in case of errors. Veeam does not provide this feature.
Costs			
Affordable pricing	**Price**	**(TIER A)** **$885** **(TIER B)** **$1,320** **(TIER C)** **$1,770**	Data protection does not have to be priced high. With NAKIVO Backup & Replication you can save more than 50% of your data protection budget and spend it on other important projects.

	NAKIVO Backup & Replication Pro Edition	Veeam Backup & Replication Standard Edition	DESCRIPTION
High ROI	✅	❌	Because NAKIVO Backup & Replication is 50%+ more affordable than Veeam, the return on investment with NAKIVO is more than 2X higher.
Low TCO	✅	❌	Compared to NAKIVO Backup & Replication, Veeam's total cost of ownership is 2X higher due to high maintenance and support costs.

This document is intended for informational purposes only and lists features that distinguish NAKIVO Backup & Replication Pro Edition from Veeam Backup & Replication Standard Edition. NAKIVO cannot and does not certify, represent, warrant, or guarantee the completeness or accuracy of the content herein, nor does NAKIVO assume any responsibility for errors, omissions, or damages resulting from the use of the information herein.

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