

Real-Time Replication (Beta) For VMware

Disasters come in many forms, from natural disasters to cyberattacks and system failures. Still, they all have one thing in common – the potential to disrupt your operations and threaten your data.

The Real-Time Replication (Beta) for VMware functionality allows you to create real-time replicas of VMware VMs, continuously updated with source VM changes. With RPOs as low as 1 second, you can ensure the continuous availability of critical data and near-zero downtime.

Whatever the incident, instantly failover to your replicas to maintain essential services and operations.



BENEFITS

≥ 1 SECOND

recovery point
objective

≤ 5 MINUTES

recovery time
objective

2X FASTER

with I/O filter
technology

49%

lower TCO than
other vendors

4.8 STARS

rating for saving time
and money

Key capabilities – Uninterrupted protection for critical workloads

Fast, incremental replication

Create incremental VMware VM replicas using I/O filter technology that intercepts and manipulates VM's I/O. Only changed data since the last replication is sent to the target site, reducing data transfer time and saving storage space efficiently.

Continuous protection

Ensure your VMware vSphere replicas stay current with real-time updates as changes are made to source VMs with an update rate as low as 1 second.

Instant failover

Failover to your replicas almost instantly during a failure or incident for the shortest RTOs and minimal data loss during failover scenarios.

Tight recovery targets

Select a replica from a series of increments as low as 1 second apart to restore workloads to the point in time just before the disruption.

Onsite / Offsite storage

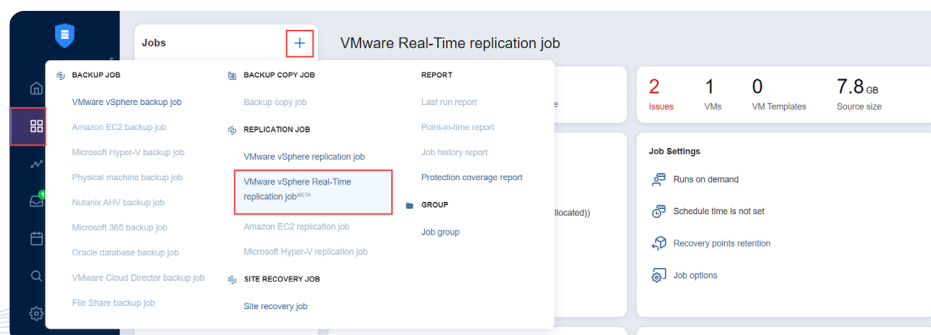
Maintain replicas either onsite for immediate access or send them to a secondary location for large-scale disruptions recovery.

Storage optimization

Reduce storage space and object processing time by excluding unused blocks and blocks occupied by deleted files when processing source objects.

Efficient management

Simplify managing Real-Time Replication for VMware jobs with easy controls and streamlined procedures.



Why you need Real-Time Replication (Beta) for VMware

Data loss/corruption

Natural disasters, hardware failures, human errors, or software glitches can lead to data loss or corruption, which in turn impact businesses' ability to operate efficiently.

Downtime costs

Downtime resulting from system failures or natural disasters can disrupt operations and cause financial losses and damage to the organization's reputation.

Cybersecurity threats

Cyberattacks, including ransomware and malware, constantly threaten data security and cause data breaches, loss, or unauthorized access.

Network outages

Outages can prevent data from being accessible to employees and customers, affecting productivity and service delivery.

Regulatory and legal compliance

Failure to comply with industry regulations for data protection and retention can result in legal consequences and fines.

Streamline operational resilience with NAKIVO

Meet shortest RTOs and RPOs

Ensure that downtime and data loss are kept to a minimum to keep operations running in the event of a disaster, be it natural, accidental or even after cyber attacks.

Achieve swift disaster recovery

Swiftly restore operations after system failures or disasters – Near-zero downtime and data loss.

Ensure high availability

Maintain uninterrupted access to critical data and applications, thus enhancing system reliability.

Enhance ransomware protection

In case a ransomware virus attack has compromised your system, promptly fail over to your clean replicas and resume operations as usual.

Streamline system migration

Move VMs and associated data to new locations without compromising data integrity, simplifying data center or cloud migrations.

Maintain operational continuity

Integrate Real-time replication (Beta) for VMware into your DR strategy, including [backup](#), [regular replication](#) and [automated failover](#) to power on replicas instantly in case of disruptions or disasters.

Recognized by customers across industries



2022 Gartner® Magic Quadrant™

Honorable Mention in Enterprise Backup and Recovery Solutions Category

“NAKIVO saved us a significant amount of time and money. The solution is **4X faster**, works without errors, and took just 15 minutes to set up and deploy. NAKIVO Backup & Replication provides **ease of use and peace of mind** for our business.

Cameron Rezvani,
Senior Systems Engineer at Orange Coast Title Company

“The solution helped us **reduce backup time by 50%**. We **improved recovery times by 70%** with instant VM recovery and granular recovery features.

Jesus Alfonso Rangel Diaz,
IT Coordinator, Foxconn BC

“With Flash VM Boot, the school can instantly recover full VMware VMs. With NAKIVO Backup & Replication, I can **recover VMware VMs within 10 minutes**. With data deduplication, we were able to **decrease storage space by 80%**.

Matt Mitchell,
Web Developer at SEHD, the University of Colorado Denver.

Ready to get started?

DOWNLOAD FREE TRIAL

BOOK FREE DEMO