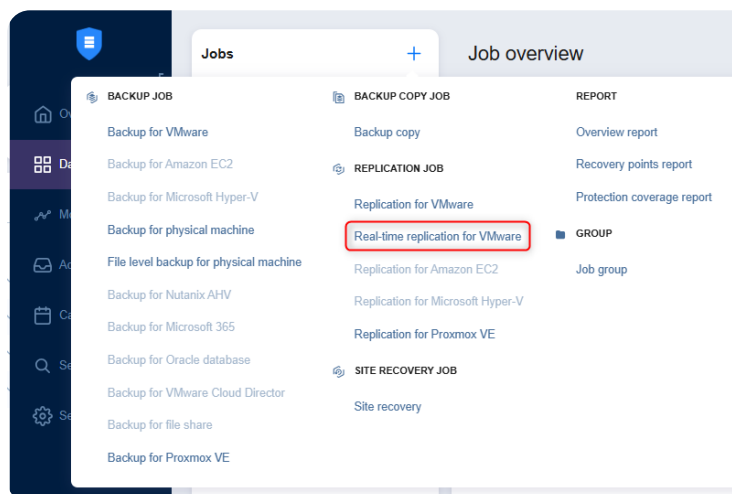


Real-Time Replication For VMware

Natural disasters, cyberattacks and system failures can potentially disrupt business operations and threaten your data.

The Real-Time Replication 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 and automated failover capabilities, you can maintain the availability of critical VMware VMs with near-zero data loss.

Whatever the incident, fail over instantly, recover and continue operations without disruption.



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 RATING

on leading IT
review platforms

Named in the Honorable
Mention Section in the 2024
Gartner® Magic Quadrant™
Enterprise Backup and
Recovery Software
Solutions again*

What Real-Time Replication for VMware delivers

Fast, incremental replication

Create real-time incremental replicas of VMware VMs using NAKIVO's proprietary I/O filter technology, certified by Broadcom. Transfer only changed data to the target site to speed up jobs and minimize storage space consumption.

Real-time synchronization

Continuously replicate changes as they happen, with update frequency measured in seconds, not minutes, ensuring replicas are always in sync with source VMs.

Instant failover

Automatically fail over to replicas almost instantly during a failure or incident for the shortest RTOs and minimal data loss.

Tight recovery targets

Select a replica from a series of increments capturing every change the moment it happens, ensuring rollback to the exact second.

Onsite/Offsite replica storage

Store replicas locally for instant access or offsite for cross-location recovery, based on performance, compliance or geographical considerations.

Storage optimization

Reduce storage space consumption and processing time by skipping unused blocks and blocks occupied by deleted files when replicating source VMs.

Secure data transfer

Use AES-256 encryption to protect replicated data sent over public or untrusted WAN connections.

Streamlined setup

Reduce setup time with automatic deployment of the I/O Filter and Journal Service on source and target hosts.

Centralized control

Manage and monitor all replication jobs from a unified, multilingual interface that simplifies administration and scales easily across locations.

Operational resilience with NAKIVO

Meet the shortest RTOs and RPOs

Achieve the tightest recovery objectives to restore workloads to the point in time just before the disruption.

Automate failover via Site Recovery

Orchestrate real-time replica failover through NAKIVO's Site Recovery to eliminate manual processes and ensure a structured and predictable response during disasters.

Test failover

Validate recovery plans with test failovers that simulate real-world scenarios, without impacting your production environments.

Ensure data high availability

Maintain uninterrupted access to data and applications during hardware failures, outages or ransomware threats.

Boost ransomware recovery

In the event of an attack, fail over to clean, uncompromised replicas and resume operations immediately, without paying the ransom or suffering downtime.

Streamline system migration

Use real-time replication for live migrations or hardware updates with minimal disruption and no data integrity risks.

Maintain operational continuity

Combine real-time replication with [backup](#), [regular replication](#), [automated](#) recovery workflows and [immutability](#) to ensure recovery in case of disruptions or ransomware.

Why you need Real-Time Replication for VMware

Data loss/corruption

Mitigate data loss and corruption caused by natural disasters, hardware failures, human errors or software glitches

Cybersecurity threats

Quickly recover from cyberattacks, including ransomware, malware and breaches.

Network outages

Maintain constant access to services even if connectivity is disrupted.

Regulatory and legal compliance

Ensure compliance with industry regulations for data protection and retention.

Downtime costs

Avoid operational interruptions as well as financial losses and reputational damage.

“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,
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?

TRY FOR FREE

GET FREE DEMO

Have questions? Contact us at sales@nakivo.com

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