

# NetVault: Replicator

## FAST FACTS ABOUT NetVault: Replicator

- Continuous Real-Time Operation
- Cross-Platform Replication
- Cluster-aware Failover Support
- Reliable Data Journaling
- Open File Support
- Scalable Design
- Hardware Independence
- Application Independence
- Flexible Configurations
- Double-Byte Support
- Dynamic Reconfiguration
- Secure Network Encryption
- Adaptive Compression
- Network Bandwidth Throttling
- Command Line Interface (CLI)
- Programmer Toolkit API (SDK)
- Optional Cluster Support
- OnDemand Option

Today's heterogeneous business-critical environments demand the highest levels of availability for applications and data across the enterprise. At the same time, enterprise storage continues to grow at a rapid pace and the complexity of these environments continues to expand, making the task of managing data access and availability increasingly difficult. NetVault: Replicator provides fast, automatic, real-time mirroring of mission-critical data in real-world heterogeneous environments over standard IP networks. Once installed on existing servers, NetVault: Replicator is always running, automatically mirroring critical data changes to one or more servers anywhere on a network.

## Key Benefits

### Reduce business risk by keeping applications and data highly available

#### *Continuous Real-Time Data Replication*

NetVault: Replicators' patent pending hybrid semi-synchronous replication technology combines the security of synchronous mirroring with the reliability of journaling technology to provide immediate byte-level replication over both local and wide area networks with assured write order consistency and transactional integrity.

### Maximize existing IT investments

#### *Cross-Platform, Heterogeneous Data Protection*

NetVault: Replicator allows true cross-platform data replication between Microsoft Windows®, Linux, Sun Solaris (SPARC), IBM AIX and Apple Mac OS X servers. The ability to replicate across platforms separates NetVault: Replicator from the competition and makes it the ideal solution for enterprise-wide mixed server environments.

#### *Unlimited Flexibility*

NetVault: Replicator installs on existing production servers without down time and is independent of file systems, volume managers, applications and storage hardware. The real-time software replicates data at the logical file level, mirroring only data changes. NetVault: Replicator has been qualified in direct attached storage, SAN and NAS environments and is certified in many vendor certification programs. Unlike other offerings on the market, NetVault: Replicator does not require identical configurations on both ends and can be setup to do one to many, many to one and bi-directional replication.

#### *Minimize System Overhead*

NetVault: Replicator minimizes the impact to the local server while effectively utilizing network bandwidth through unique adaptive data compression, bandwidth limit throttling and configurable replication data streams.

#### *Highest Levels of Scalability*

NetVault: Replicator can dynamically scale from the needs of small, simple storage environments to the demands of the largest and most complex storage environments.

### Increase customer satisfaction by minimizing service disruptions

#### *Cluster-Aware Failover Support*

NetVault: Replicator is available with an optional failover module to support popular cluster management software for automatic failover to a mirrored hot-standby server, including Veritas Cluster Suite, Heartbeat and RedHat Cluster Suite. After a failure of the active source server, the cluster management software automatically starts the applications on the hot-standby server while NetVault: Replicator Cluster Support Plugin automatically switches the hot-standby server to become the new primary source server.

## REAL-TIME SOURCE PLATFORMS

Microsoft Windows®  
Linux (x86, Itanium,  
PowerPC64)  
Sun Solaris (SPARC)

## ONDEMAND SOURCE PLATFORMS

IBM AIX  
Apple Mac OS X

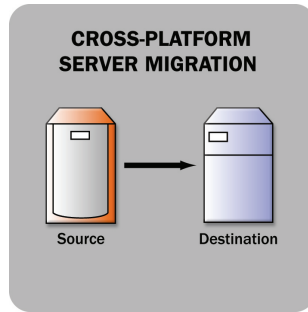
## DESTINATION PLATFORMS

Microsoft Windows®  
Sun Solaris (SPARC)  
Linux (x86, Itanium,  
PowerPC64)  
IBM AIX  
Apple Mac OS X

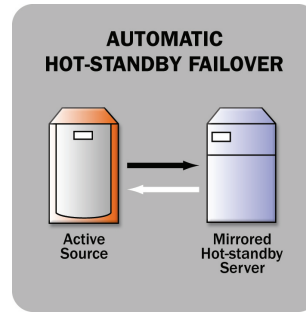
## Improve IT staff efficiency

### Centralized Management Console

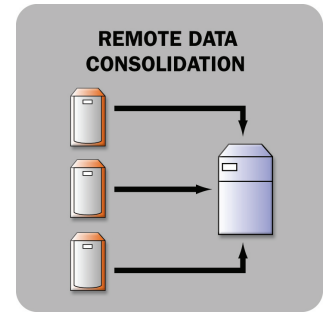
Using a Windows-based GUI, NetVault: Replicator automates the configuration and management of replication for source and destination servers from a single location.



*NetVault: Replicator configuration is ideal for online cross-platform server migrations over the Local and Wide Area Networks.*



*NetVault: Replicator optionally integrates with cluster management software for automatic failover to a mirrored hot-standby server. Since only the updates to the mirror need to be replicated back to the production server versus a traditional full re-initialization, failback to the original production server is significantly improved.*



*NetVault: Replicator consolidates data from remote sites over the existing network from many servers to one for online backups and further migration to offline media to meet long-term storage requirements.*

### NetVault: Replicator OnDemand

Optional scheduled replication and distribution for IBM AIX and Apple Mac OS X servers  
NetVault: Replicator OnDemand offers the option of reliably synchronizing IBM AIX and Apple Mac OS X servers at pre-determined, periodic intervals and replicates data to any supported destination platform. It provides point-in-time disk-based backups over a standard IP network for disaster recovery, remote office consolidation, or content distribution.

## Integrated Data Protection

BakBone's Integrated Data Protection™ (IDP™) strategy provides a comprehensive suite of integrated, heterogeneous cross-platform data protection technologies that are seamlessly managed from a single console. IDP enables administrators to easily and cost-effectively achieve high data availability, set schedules, manage policies, as well as control and report on their storage environment. BakBone's IDP framework consists of two key layers: the Core Services Managers™ and the individual data availability and protection technologies. BakBone's technology portfolio today consists of NetVault: Backup, a comprehensive backup and recovery solution, NetVault: Report Manager, advanced storage reporting and NetVault: Replicator, a replication solution for high availability.

## About BakBone

BakBone Software is a leading international data protection solution provider that develops and distributes heterogeneous data backup, restore, disaster recovery, replication and storage reporting software for network storage and open-systems environments. Incorporated in 2000, BakBone Software's products are used by companies worldwide and are distributed through a network of OEMs and solution providers.

**DOWNLOAD A FREE EVALUATION COPY OF NETVAULT: Replicator (includes Plugin Modules) at [www.bakbone.com/products/downloads/](http://www.bakbone.com/products/downloads/)**

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