

StarWind iSCSI SAN & NAS

What's New in V6

NEW BENEFITS

- 99.9999% uptime
- 50% higher performance
(compared to 2-node HA)
- File sharing
- Increased disk space utilization
- Simplified management and maintenance

StarWind Software strives to provide its customers with solutions of the highest quality. This time, its best-of-breed storage virtualization product is getting a new name, which has been determined by its new integrated technologies!

Welcome StarWind iSCSI SAN & NAS V6 – an outstanding storage hypervisor for virtualized and cloud environments.

Major Upgrades

3-node HA configuration

StarWind iSCSI SAN & NAS V6 ensures synchronous mirroring between 3 nodes of an HA storage cluster! Use of a triple-mirrored cluster eliminates a single point of failure and guarantees 99.9999% uptime. Such storage architecture ensures 50% higher performance compared to a 2-node HA configuration.

Clustered scale-out NAS

StarWind iSCSI SAN & NAS V6 unifies diverse storage environments through the consolidation of file- and block-level data in a single storage pool. From now on, you can easily create NAS that is based on the iSCSI SAN, and benefit from both file sharing and advanced technologies of a network storage. Configuration and maintenance processes are wizard-driven, intuitive, and require minimum time and effort.

More Features and Updates

High Availability:

✓ Improved usability

The HA device configuration process was simplified and accelerated by automating operations that previously required manual intervention. Now, you can add, remove, or switch nodes of HA cluster on the running device instead of the creation of a new HA device from scratch. Thus, you save much time.

✓ HA device can use other types of StarWind devices

An HA device can now use other types of StarWind devices (deduplicated, thin-provisioned IBV, or DiskBridge devices) for storing data. Thus, you can apply deduplication, thin provisioning, snapshot technologies, etc., for the data stored on the HA device.

ABOUT STARWIND SOFTWARE

StarWind Software, a member of VMware Ready and Citrix Ready programs, provides innovative software for creating and managing virtualized storage infrastructures.

The company provides an extensive suite of advanced technologies for storage management and VM backup & restore in its leading products - StarWind iSCSI SAN&NAS, StarWind Native SAN for Hyper-V, and Hyper-V/VMware Backup. StarWind has more than 30,000 satisfied customers globally, including SMBs, enterprises, governments, educational institutions, and Fortune 1000 companies.

Learn more by visiting:
www.starwindsoftware.com

Download the StarWind iSCSI SAN & NAS V6 free trial and see for yourself!
www.starwindsoftware.com/registration-iscsi-san

CERTIFICATION



Deduplication:

✓ *Asynchronous replication of deduplicated storage*

Now, it is possible to drastically reduce the network traffic during offsite asynchronous replication and effectively utilize slow WAN connections for Disaster Recovery (DR) purposes. StarWind iSCSI SAN & NAS V6 allows for the use of any iSCSI target as a destination storage for replication.

✓ *Deletion of unused data*

This upgrade to the deduplication device increases the utilization efficiency of the available disk space – the duplicated data blocks are automatically overwritten by the new data.

✓ *Reduced memory usage*

StarWind reduced memory usage by 30%. When the dedupe block size is set to 4KB, 2MB of memory are required per 1GB of stored data.

Essentials:

✓ *StarWind Backup Plug-ins*

- Now StarWind provides for the full support of VMware virtualization! You can perform full and incremental backup, and manage your ESX VMs from a single Management Console. All backup archives are saved in the native VMware format - VMDK!
- StarWind Hyper-V Backup Plug-in is upgraded with incremental backup and delta data saving features.
- New GUI is integrated to StarWind Management Console to manage the backup process.
- The process of connection to the ESX and Hyper-V servers is simplified.

✓ *StarWind SMI-S Agent*

Due to this agent you can manage StarWind storage using MS VMM. All you need to do is download and install this free product.