

StarWind VMware Backup Plug-in ^{NEW}

Complete Protection of Your VMware Virtual Machines

StarWind Software is focused on developing solutions for safe and efficient virtual machine backup and restore processes using advanced data transfer and storage technologies.

BACKGROUND OF VMWARE BACKUP DEVELOPMENT

StarWind Software, Inc., known as a reliable vendor of storage virtualization software acknowledged the importance of data backup in virtualized environments. Such a position inspired the company to develop a full-service backup solution for ESX virtual machines.

BENEFITS OF STARWIND VMWARE BACKUP

- Ease of installation and use
- No agents on guest and host systems
- Support of VMware-native file format (VMDK)
- Disk space consumption reduced up to 90%
- Ensured recoverability

SUPPORT OF VMWARE FEATURES

- VMware vStorage API
- Changed block tracking

SUPPORTED VIRTUALIZATION PLATFORMS

- vSphere 5.0
- **vSphere 5.1**
- Full ESX and ESXi hypervisor support

Premium VMware backup of your virtual machines

Server virtualization technology introduces multiple benefits to an IT environment, and it can drastically cut down the costs associated with server infrastructures. VMware vSphere is the industry leading virtualization platform, which has been adopted by thousands of companies globally. Virtualization is the first step for creation of an effective and flexible datacenter. The next logical step is protection of virtual machines, applications, and data.

Introducing StarWind VMware Backup Plug-in

StarWind VMware Backup Plug-in is a powerful and multi-functional backup solution for easy and fast VM backup and recovery, that delivers:

- ✓ Affordability – a simple per host pricing model
- ✓ Cross-hypervisor support – full support for VMware vSphere and Microsoft Hyper-V
- ✓ Agentless architecture – reduced administrative overhead and a simplified installation
- ✓ Global deduplication – drastically reduced disk space requirements resulting in lower TCO
- ✓ Sandbox and autotesting – verification of VM archives' recoverability



One powerful solution for storage and backup

StarWind provides an end-to-end storage virtualization tool and backup data protection developed specifically for VMware environments.

Using StarWind, VMware Backup customers can:

- ✓ Work with a familiar interface
- ✓ Ensure seamless upgrades of storage and backup software
- ✓ Avail of cross-application features
- ✓ Use centralized Management Console for both shared storage and backup plug-in

Easy to set up and use

This solution was designed with the word "easy" in mind, therefore it provides:

- ✓ Simplified connection of an ESX server
- ✓ Self-guided wizards for the most frequent operations
- ✓ Post-processing of archives in a storage pool

Agentless architecture

VMware Backup has no agents on the guest and host systems. The agent is installed on any 64-bit Windows Server 2008 or Windows 7 located in the same subnet with the ESX host. Such architecture provides tangible advantages: eliminates downtime of ESX servers and hosted VMs, and drastically cuts down the installation time as only one agent is required for several ESX servers.

VIRTUAL MACHINE SUPPORT

- All guest operating systems supported by VMware
- Any application
- Any file system

FREE TRIAL

If you are ready for a test drive, download a [Free Trial Version](#).

QUALIFIED TECHNICAL SUPPORT

StarWind provides qualified support services at the stage of software deployment, configuration, and maintenance. Contact [StarWind support team](#).

VMware Backup Plug-in is based on the VM Backup Engine designed by ArCycle Software, Inc.

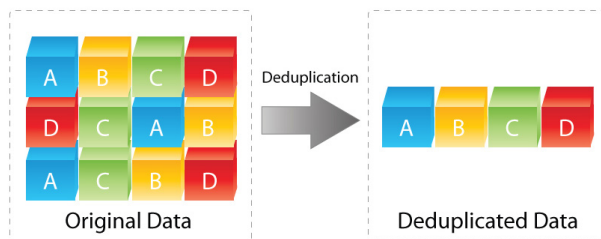
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To learn more, visit:

www.starwindsoftware.com

Global deduplication

This unique technology allows for the elimination of redundant data in both individual VM archives and between all VMs located on all connected VMware hosts within the same storage pool. Note that you need to use StarWind deduplicated disk device as a storage pool for your backups in order to avail of global deduplication.



Global Deduplication

Backup of several virtual machines simultaneously

The StarWind Backup provides concurrent backup of several virtual machines while ensuring time consistency in all VM data.

Incremental backup

Along with full VM backup, VMware Backup Plug-in provides an incremental backup option. It stores only blocks that have changed since the last backup operation and ensures considerable reduction of storage space requirements.

Delta data saving

The Backup Plug-in leverages powerful global deduplication technology, and it saves only unique data instances that have been written since all previous backup operations. Delta data saving is a StarWind proprietary technology that substantially improves storage space utilization and ensures cost savings.

Support of VMware-native file format (VMDK)

VMware virtual machines data is stored in the original VMDK file format. This VMware-native file format makes archives transparent for third-party software.

Cross-hypervisor support

Now the StarWind Backup Plug-in offers full support for both VMware and Hyper-V enabling you to manage and protect all of your virtual machines from one Management Console.

Virtual machine management

It is possible to manage virtual machines directly from the Management Console. It allows you to start, stop, or delete VMs and start the Remote Desktop for the selected virtual machine.

Sandbox mode

Sandbox launches a VM from an archive in an emulated virtual environment to verify its recoverability. When a VM starts from the backup file, the original virtual machine remains untouched.

Autotesting of archives

This feature provides an extended testing of VM archives. The procedure is launched automatically right after an archive is created and ensures that it was made properly and can be used for recovery at any time.