

# Nutanix Acropolis AHV Backup and Recovery

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Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix enterprise cloud platform delivers the agility, pay-as-you-grow economics and operational simplicity of the public cloud, without sacrificing the predictability, security and control of on-premises infrastructure. Nutanix solutions leverage web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution that delivers any application at any scale.

Storware Backup and Recovery is a stable, agent-less, Nutanix Ready validated solution, providing data protection services for virtual machines running on Nutanix Acropolis (AHV/vSphere/Hyper-V). With an easy management interface, you are able to quickly set up protection and store backups in several different backup providers.

## Supported Platforms for Nutanix Acropolis AHV

Nutanix AHV 5.5+ (Intel-only)

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### Switch to First Class Backup and Speed Up!

Choose a free version or unlock the full potential of Storware Backup and Recovery with a 60-day free TRIAL!

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## Highlights



**Versatility** – independent data protection solution with no vendor lock-in. A single application that can backup various virtualization platforms to various backup providers with the world’s most extensive portfolio of supported virtual environments.



**Set and Forget Automation** – automate VM protection with custom or predefined backup policies. Test backup automatically to ensure recoverability – use Disaster Recovery Plans to verify that your backed-up VM is bootable and was not damaged before the backup was performed.



**Scalability** – it is ready to grow together with you via multi-node architecture. Scale-out by adding as many nodes as you need, scale-up by assigning more resources to Storware nodes.



**Transparent Licensing and Costs Optimization** –the easiest licensing without hidden costs: per VM, per Host, per TB. at your disposal.



**Easy Configuration** – configuration Wizard makes the launch and setup of Storware fast and easy. Start to protect your VMs within minutes!



**Security and Reporting** – role-based access controls give administrators greater control over security and an advanced reporting system to evaluate the size and time of backup/restore operations.



**Easy to Manage** – cwith an intuitive and modern UI (HTML 5 Web Console), you can quickly set up protection and store backups in several different backup providers. Manage and monitor backup processes from a single pane of glass.



**Support** – highly-responsive 24/7 global support and the Storware Insight option. Storware Insight is an additional technical support enhancement. It sends a daily report on your instance so that our support can react quickly when something unexpected occurs.

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## Features

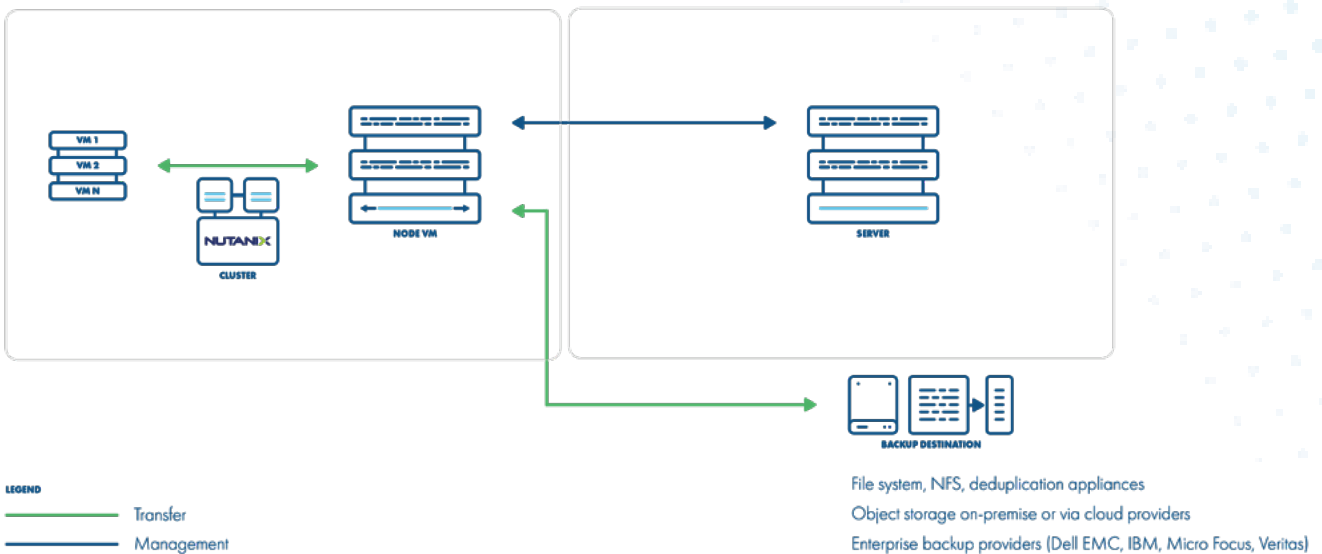
- incremental backup
- file-level restore
- VM disk exclusion
- snapshot management
- pre/post snapshot command execution
- quiesced snapshot
- backup disks sharable over iSCSI
- name-based policy assignment
- tag-based policy assignment (when using Prism Central)
- available space for snapshot check (hypervisor-dependent)
- power-on VM after restore

## Storware Backup and Recovery Provides

- Support for multiple open and commercial virtual environments under one license
- Support for multiple backup destinations: local file system or a NFS/CIFS share, object storage (cloud providers) or enterprise backup providers
- Efficient, incremental backup of AHV VMs with CBT/CRT (Changed-Region Tracking)
- Support for vSphere and Hyper-V environments
- Snapshot-management for better RPO
- Backup consistency mechanisms for your applications running on AHV VMs
- File level restore directly from the Web UI and accessing VM disks from backups over iSCSI
- 2 different modes: independent backup Server (local or remote file system, object storage)
- Backup and recovery for Nutanix Volume Groups (with CRT-based incremental backups)
- Backup and recovery for Nutanix Files (with CFT-based incremental backups)

# How it works

Storware Backup & Recovery supports the Nutanix AHV platform by using a VM called "Proxy VM". The node invokes commands on your hypervisor manager to snapshot and attach drives of a specific VM to itself (Proxy VM). The proxy VM is able to read the data from the attached disk snapshots and forward them to the backup provider.



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