



# Scale Computing Platform Backup and Recovery

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Scale Computing Platform SC//Platform is designed to simplify and manage virtual machines (VMs). It is an easy-to-use and scalable solution that brings together features like:

- **Simplicity:** SC//Platform is designed to be easy to deploy, manage, and scale.
- **High Availability:** it is designed to keep your VMs running even if there is a hardware failure.
- **Scalability:** you can easily add more resources to the platform as your needs grow.

SC//Platform is also a hyperconverged infrastructure (HCI) solution, which means that it combines all of the hardware and software that you need to run VMs into a single appliance. This can make it a good option for businesses that are looking for a simple and easy-to-manage way to virtualize their workloads.

Storware Backup and Recovery is a stable, agentless, and certified solution, providing data protection services for virtual machines running on Scale Computing Platform. Storware is designed to seamlessly integrate with SC//Platform to enhance your data protection and disaster recovery capabilities. With an easy management interface, you can quickly set up protection and store backups in several different backup providers.

## Supported Platforms

SC//Platform 8.9.x +



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## Features

- Incremental backup
- File-level restore
- VM disk exclusion
- Snapshot management
- Pre/post snapshot command execution
- Disk backups can be shared over iSCSI
- Name-based policy assignment
- Tag-based policy assignment
- Power-on VM after restore

## Highlights



**Easy Integration** - Storware integrates smoothly into SC//Platform, providing access to robust data protection functionalities without complex setups. This simplifies management and reduces the burden on your IT team.



**Automation** - Storware allows you to automate backup tasks, saving time and ensuring consistent backups. This reduces the risk of human error and frees up your IT staff to focus on other tasks.



**Optimal Backup Strategies** - Storware helps you choose the most suitable backup strategy for your needs within the SC//Platform environment. This ensures your data is protected according to your specific requirements.



**Multi-location Storage** - Storware supports storing your backups in various locations, including local storage on the SC//Platform itself, cloud storage, tape drives, or even backups with enterprise backup providers. This redundancy ensures your data is safe even in case of hardware failure or a disaster at your primary location.



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## Highlights



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



**Transparent Licensing and Costs Optimization** - The easiest licensing without hidden costs.



**Versatility** – independent data protection solution with no vendor lock-in. A single application that can backup various container platforms to various backup providers.



**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.



**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.

## How it Works?

All the operations are using REST API to communicate with the HC3 cluster. Depending on the version of SC//Platform, additional configuration of the cluster may be required.

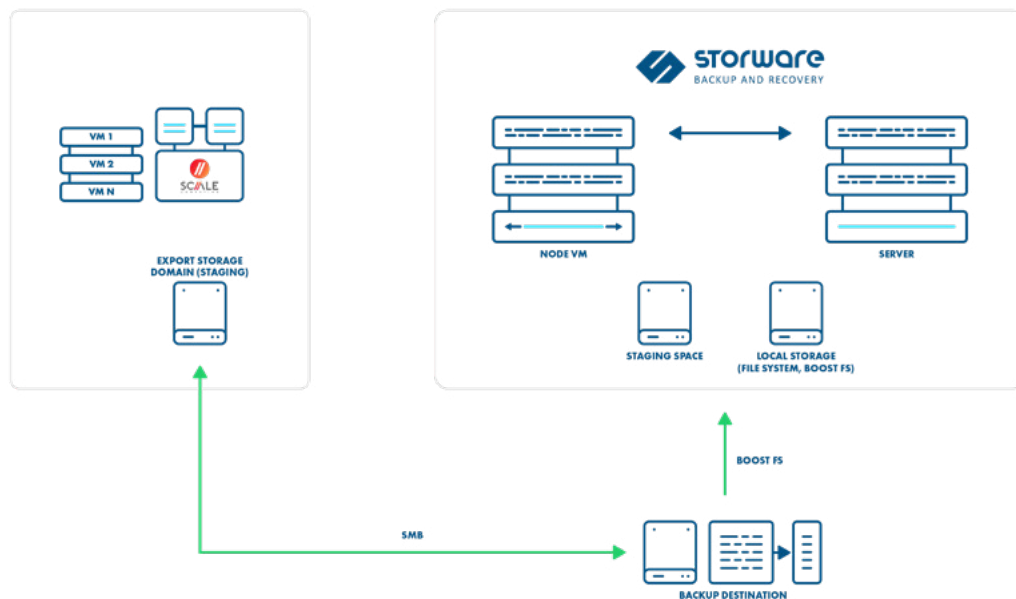


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## How it Works?

### Export Storage Domain Strategy

Export storage domain strategy performs the export using a Samba server running on a node machine. This strategy does not require a proxy VM.



**LEGEND**  
— Transfer  
— Management

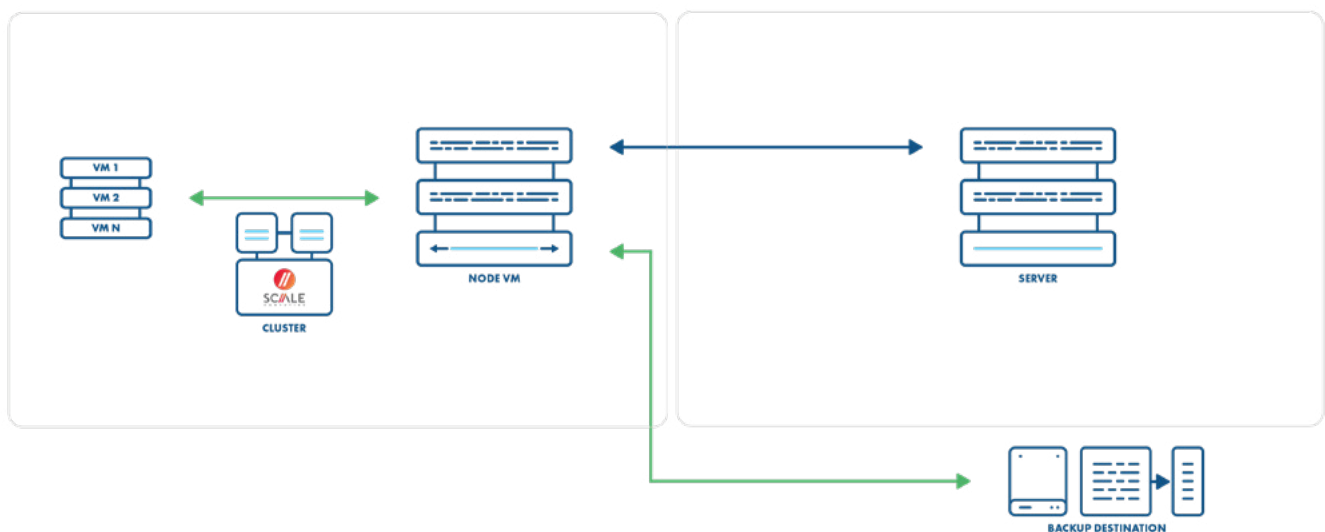
File system, NFS, deduplication appliances  
 Object storage on-premise or via cloud providers  
 Enterprise backup providers (Dell EMC, IBM, Micro Focus, Veritas)

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## How it Works?

### Disk Attachment Strategy with CBT

Disk attachment strategy performs the export using a proxy VM running on the HC3 cluster.



#### LEGEND

- Transfer
- Management

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