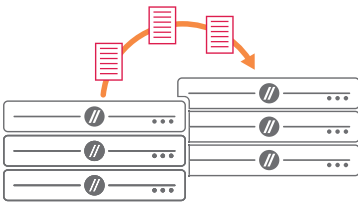


SC//HYPERCORE PLATFORM

Data Protection Suite

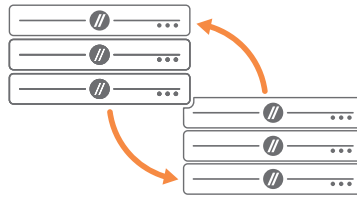
Making sure your data is always protected

Scale Computing HyperCore™ is designed to eliminate the complexities of traditional virtualization architecture involving multiple independent vendor solutions for hypervisor software, servers, shared storage, and disaster recover. The built-in HyperCore Data Protection Suite can protect your critical applications, data, and workloads from disasters, small or large.



Replication

VMs can be replicated efficiently between SC//HyperCore clusters with only a few clicks in the HyperCore UI. Replication is selected per VM, so you can replicate as many or as few VMs as desired. Replication only sends changed data blocks, simply and efficiently.



Failover and Failback

A VM replicated to another SC//HyperCore cluster can be failed over in case of a disaster. The replicated VM can quickly be brought online and users redirected as needed. When the original SC//HyperCore clusters is brought back online, the VM can be quickly restored and failed back.

KEY FEATURES:

- Replication
- Failover and Failback
- Flexible Snapshot Scheduling
- Full VM Recovery
- Virtual Disk Recovery
- File-level or Object-level Recovery
- Ransomware Protection

Schedule	
Schedule Name:	FileServ-Backup
Name:	Snapshot Frequency
Hourly:	Every 1 hour(s), keep for 3 day(s)
Daily:	Every 1 day(s) at 2:00AM, keep fo

Snapshot Scheduling

Snapshots, the basis for backups and VM replication, can be scheduled on a granular basis measured in minutes, hours, days, or weeks. Snapshot schedules can be simple, complex, or somewhere in between, allowing for retention policies to preserve snapshots for months or even years. Snapshots are also immutable, meaning they cannot be deleted or altered, thus protecting against malicious threats like ransomware.



Our award-winning backup and recovery software is included at no additional cost to you.



Rest easy with Scale Computing Data Protection Software

- Full VM Recovery
- Virtual Disk Recovery
- File-Level/Object-Level Recovery

Full VM Recovery

An entire VM can be recovered locally from a snapshot or remotely from a replicated VM. Locally, a VM can be recovered within seconds to any point in time. From a remote backup site, recovery back to the original site may take minutes or hours depending on the VM size and bandwidth. VM recovery also allows for rapid response to ransomware attacks. Our immutable snapshots are impossible to alter by the VM itself, allowing attacks to be thwarted easily and quickly.

Virtual Disk Recovery

If needed, an entire virtual disk can be recovered quickly from any available point-in-time snapshot. With a single click, the recovered virtual disk can be automatically mounted to the same VM or any other VM on the same SC//HyperCore cluster without taking the VM offline or putting production data at risk.

File-Level / Object-Level Recovery

An administrator may quickly clone a virtual disk and mount it to a live VM to gain access to point-in-time data and recover what is needed. The admin simply chooses a point-in-time snapshot and with one click, clones and mounts a virtual disk with the desired data to a live VM, and then has full read/write access to all the files on the cloned virtual disk for recovery.

The HyperCore Data Protection Suite features are in addition to the built-in high availability that is native to SC//HyperCore clusters of three or more appliances. SC//HyperCore uses self-healing automation to keep workloads online even when encountering failures in both hardware and software components. High availability is the first line of defense against downtime and data loss.

With the HyperCore Data Protection Suite, you can eliminate the cost and complexity of implementing a third-party backup and disaster recovery solution. Manage these native capabilities in the same interface as VMs and storage. As highly available clusters or more cost-effective single appliances, SC//HyperCore clusters make ideal backup systems for your offsite disaster recovery.

For those users who have specific backup needs requiring a third-party solution, SC//HyperCore integrates natively with Acronis, supports many popular agent-based backup solutions, and is capable of exporting VMs off of the SC//HyperCore cluster for backup to existing storage or even cloud.



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