

Stratus H

The simple, scalable, highly available appliance solution for modern virtualization.

KloudStor provides a complete virtualization solution for the data center or edge computing in a single appliance designed for rapid deployment, ease-of-use, reliability, seamless scaling, high performance, and cost effectiveness



Edge Computing and Hyperconverged Infrastructure (HCI):

Stratus H brings together virtualization, servers, storage, and backup/disaster recovery into a single solution. All of the components are built together into the solution, including the hypervisor, without the need for any third-party components or licensing. Every component has been designed for a highly available, self-healing, highly efficient virtualization infrastructure that is easy to manage locally or remotely.

Simplicity

Ease of use and simplified management are what Stratus H does best. Stratus H eliminates wasteful, mundane management tasks that occupy the valuable time of IT administrators rather than allowing them time to focus on innovation and improving business processes. The simplicity of Stratus H directly impacts IT with higher productivity and lower costs.

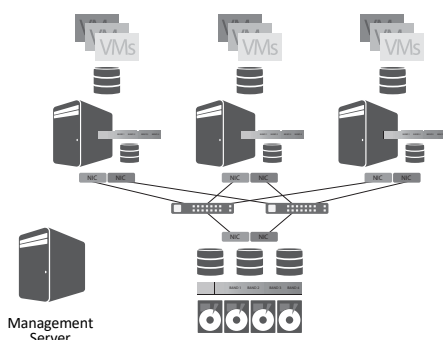
Scalability

One of the most challenging tasks for IT can be adding capacity to existing infrastructure. With Stratus H, the simplicity of design and ease of use allow for seamless scaling of infrastructure. New appliances can be added into a running cluster seamlessly, within minutes, without disruption to any running workloads. Different models and capacities can be joined together to scale out resources as needed.

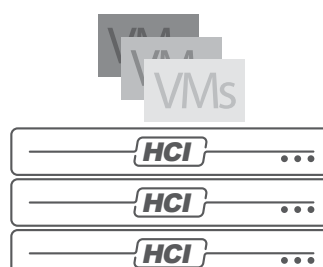
Availability

Stratus H is inherently more stable and highly available than traditional virtualization solutions. Redundancy, high availability, and resiliency are built into Stratus H in every way, including the option of disaster recovery as a service. With Stratus H, planned and unplanned downtime can be virtually eliminated, creating more confidence with customers both internal and external.

Traditional Virtualization



Virtualization The HCI Way



- Web-Based Management
- Non-Disruptive System Updates
- Self-Healing Architecture
- Rapid Deployment
- Backup and Replication
- Seamless Scale Out

Stratus H Use Cases

Virtualization Without Licensing

With Stratus H, the hypervisor is included with no additional costs or licensing fees. Stratus H customers who had paid VMware licensing fees in the past see the value in becoming free of these extra fees for lower costs and more budget freed up.

Backup & High Availability

Stratus H customers see the value of built-in backup and high availability after their legacy solutions had proven ineffective despite being an added cost. With options for offsite and cloud-based DR, Stratus H customers have peace of mind that their VMs and data are protected.

Lowering Infrastructure TCO

Our customers have all been looking to lower their total cost of ownership (TCO) for IT infrastructure. We have designed Stratus H to reduce IT infrastructure costs in almost every way. Many of the hidden costs of IT infrastructure such as unplanned downtime, management, maintenance, training, and consulting are virtually eliminated with Stratus H. Other solutions that integrate multiple vendor solutions only add complexity which increases costs. We believe Stratus H is a better way, and our customers agree.

Edge Computing & Distributed Enterprise

Stratus H customers who manage remote sites see the value in Stratus H for both ease of use and low entry cost. The ease of use, rapid deployment, self-healing, and remote web-based management capabilities mean that their remote sites can be managed more efficiently and with less cost.

Virtual Desktops (VDI)

The low cost, ease-of-use, and scalability of Stratus H make it perfect for VDI infrastructure. KloudStor has validated our solution with VDI vendors to allow our customers to implement VDI from the SMB to the enterprise.



Server Virtualization

- Integrated hypervisor based on proven, open source technology with no additional licenses
 - Integrated management with the patented HyperCore Software
- Live VM immigration
 - Cluster to Cluster Replication
- Easy migration from physical or virtual environments to Stratus H



Integrated Management

- Web based UI
- VM console access from within a browser
 - No separate management server
- Self-healing including automatic failover of VMs
- Rolling upgrades and patching with no downtime



Storage

- Software-defined, hybrid storage system
 - High performing spinning disk with optional SSD storage tier
 - Streamlined, direct block-access data path
 - Wide striping across cluster with redundant data placement
 - Thin provisioning, snapshots, cloning



Flexible Scalability

- Industry Standard Hardware
- Remote support
- Mix and match node types after initial cluster with different storage, RAM and CPU footprints
 - Appliance configurations optimized for size, variety of hardware capabilities
- Turn key plug and play expansion

Contact us today to find out more:

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