



# What's New in HC3®

If you are an existing Scale Computing customer, you know we have been working hard to deliver features and updates you have been asking for. If you are new to our HC3 system, you will be interested in knowing what features we have updated most recently. In response to our customers and market, we have recently updated the HC3 system with the following new features.

## Newest HC3 Models

Since introducing flash storage in our HC3 family of products, we have continued adding more greater capacity in CPU, RAM, and storage across a number of new models. The HC1150D added a second processor, increasing compute power, while the HC1150DF provided an all flash, high processor system for blazing fast performance. To satisfy the needs of more storage hungry data centers, we have also added the HC5150D as a dual processor system with 3X the storage of the HC1150D.

[Click here to learn more about our HC3 family.](#)

## Storage Deduplication and Improved Detail

HyperCore 7.3 added storage deduplication to reduce the storage footprint of data stored on virtual machines. Virtual disks are deduplicated, post-process to eliminate duplicate data blocks and free up storage with minimal impact to running VMs. With deduplication, disks can hold considerably more data than previously allowed within the same physical disk capacity. Along with the deduplication, the storage details available in the HC3 Web interface have significantly improved with more information on utilization and efficiency.

## Multi-Cluster Remote Management

With HyperCore 7.3, we have made available the ability to monitor multiple clusters within the HC3 Web interface. The intuitive design shows the status of multiple clusters that can be local or remote to keep tabs on your entire enterprise of HC3 nodes and clusters. Whether they are single nodes in remote offices or DR targets, or multi-node clusters, the new multi-cluster view provides at-a-glance monitoring of all your HC3 assets.

## Multi-User Administration and Logging

With HyperCore 7.3, we have introduced multi-user login and administration so you can better manage your multiple admins. Multiple users may login with their own credentials to perform their own administrative functions. Logging keeps track of administrator access to assist in management and troubleshooting.

## Disaster Recovery Planning Service

If you want a comprehensive disaster recovery plan for your HC3 system, this new service is for you. Including planning, identifying dependencies, prioritizing workloads, and DR testing, this service will make sure you are meeting or exceeding your SLAs for recovery and minimizing data loss. It never hurts to have expert help when planning for disaster.

[Click here to learn more about the Disaster Recovery Planning Service.](#)

## Premium Installation Service

HC3 is known for being extremely easy to install and use, but for those who want to hit the ground running with HC3, we now offer a Premium Installation Service facilitated by our ScaleCare support engineers. This service includes planning, prerequisites, priority scheduling, and deep-dive technical training. With this training, you will be an HC3 expert by the time installation is complete.

[Click here to learn more about Premium Installation.](#)

## Single Node Appliance Configuration

HC3 used to require a 3-node cluster as the minimum configuration, but not anymore. Now, a single appliance can be deployed all by itself. While a cluster is preferable for high availability and primary production, a single appliance can be more than sufficient for disaster recovery, remote or branch offices, or even for the small “s” of the SMB.

[Click here to learn more about the single node appliance configuration.](#)

## Bulk Actions

You can now perform a number of actions against groups of VMs in the HC3 Web interface. The action will be performed against all VMs displayed, so you can use the tagging and filtering capabilities to create groups that you commonly need to perform the same action against. The available actions include clone, snapshot, delete, and power options (power on, shutdown, etc).

## HyperCore Enhanced Automated Tiering (HEAT)

In order to make the most efficient use of the new flash storage within HyperCore, we designed an automated, intelligent mechanism to allocate storage across the tiers. Not only do we begin allocating to flash by default for each virtual disk, but we allow you to tune the relative priority with a simple, intuitive slider bar. This tuning capacity allows you to increase the allocation of flash for workloads that have higher I/O requirements while decreasing the allocation for virtual disks and workloads that have minimal I/O needs.

[Click here for a video demo.](#)

## SSD Retrofit Service

You can now retrofit your HC2000/2100 and HC4000/4100 nodes with SSD storage to take advantage of faster I/O and HyperCore Enhanced Automated Tiering (HEAT) technology. Our ScaleCare Support Team will assist you in replacing spinning HDD drives with new SSD drives to scale up your nodes and turn I/O to 11!

[Click here for our Retrofit Service solution brief.](#)

## ScaleCare Remote Recovery Service

We are pleased to announce a disaster recovery service that allows (for a fee) VMs from an HC3 cluster to be replicated and failed over to a remote, secure datacenter for disaster recovery. For those customers without a second site or second cluster that need reliable DR for their critical workloads, this service addresses that need on a per VM basis. It starts as low as \$100 per VM per month.

[Click here for our ScaleCare Remote Recovery Service datasheet.](#)

Check out our full range of HC3 products and features at [www.scalecomputing.com](http://www.scalecomputing.com).



Corporate Headquarters  
525 S. Meridian Street  
Indianapolis, IN 46225  
P. +1 317-856-9959

[www.scalecomputing.com](http://www.scalecomputing.com)

West Coast Office  
360 Ritch Street  
Suite 300  
San Francisco, CA 94107

1-877-SCALE-59 (877-722-5359)

EMEA Office  
Saunders House  
52-53 The Mall  
London  
W5 3TA  
United Kingdom