



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'll 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

Over the past year we have introduced a number of new models to our HC3 family. First, we introduced the HC2150 and HC4150 which were the first to include flash storage. Then we retooled our HC1000 family with the HC1100 and HC1150 models to bring you HC3 and flash storage at an even more affordable price. Then we increased maximum storage capacity on nearly all of our models with new 8TB SAS drives. Most recently, we announced the new HC1150D which includes dual processors and increased capacity over the HC1150.

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

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).

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.](#)

Workspot VDI 2.0 Integration

We are pleased to announce that we have teamed up with Workspot to offer a validated VDI solution with integration for HC3. Both solutions focus on removing complexity from infrastructure and with Workspot, VDI can be deployed on HC3 in as little as 60 minutes with as many as 175 desktops on an HC1150 cluster.

[Click here for the Reference Architecture whitepaper](#) or [click here for the Joint Solution Brief](#).

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.](#)

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.](#)

Per VM Real-Time Statistics

Not only have we added a new IOPS statistic to the primary web interface dashboard for your cluster, but we have added per VM storage statistics for capacity utilization and IOPS that are updated in real-time. You've always been able to see the storage capacity usage for the entire cluster, but now you can see that statistic for each individual VM right on the top layer interface view. The new IOPS statistic will not only be useful for new and existing users on our traditional cluster nodes, but more so by users with flash storage to help tune virtual disks for maximum IOPS.

[Click here for our blog post on the new statistics.](#)

Check out our full range of HC3 products and features at www.scalecomputing.com.



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