

Hitachi Virtual Storage Platform Gets Software-Defined

WebTech Q&A Session, May 6, 2015

1. Are all of these products and features available now?

The new Hitachi Virtual Storage Platform G200, G400 and G600 models are available now. The new VSP G800 model will be available in August 2015.

2. Are these systems available in all-flash configurations?

Every model in the family is available as an all-flash system. Each may be configured with Hitachi Accelerated Flash or solid state drives.

3. Should I choose active-active or synchronous replication?

We are seeing rapid adoption of active-active over synchronous replication and believe the trend will continue. Global-active device provides all the benefits of synchronous replication, plus the active-active high availability capabilities.

4. Is the active-active solution only for block or SAN storage, or can it be used for other environments?

The active-active solution, global-active device, can be used in both SAN and NAS environments.

5. Will the active-active capability be available on VSP G200?

Yes, global-active device will be available in August for every model in the family, including VSP G200.

6. Do I need to purchase any new hardware to use the storage virtualization capabilities?

Every model in the VSP family includes storage virtualization in the Storage Virtualization Operating System (SVOS). No additional hardware is required other than the system, which is being virtualized.

7. Is there anything on the roadmap to upgrade the 4000 series of Hitachi NAS Platform?

Nothing immediate. The 4000 line is relatively new. There will be some NAS updates, however, later in the year.

- 8. One of the features I heard about is iSCSI virtualization or migration. Is that feature released or coming in a later release? Does the iSCSI functionality work on systems from other storage vendors?**

Yes, Hitachi Universal Volume Manager in SVOS performs virtualization over iSCSI for other storage vendors, as it does over Fibre Channel today. This capability will be released in our August update.

- 9. Can the VSP G series use Hitachi Unified Storage 130 for storage? Or is it just internal to the VSP G200 with local drives?**

Any model in the VSP family can use Hitachi and non-Hitachi virtualized storage. Any model in the family can also be configured with its own local drives.

- 10. How much flash can be dedicated to active flash? How is it allocated?**

Any model can be configured with flash, up to its limits. However, hybrid flash-tiered systems will have a combination of flash and hard drives. Active flash is a feature of Hitachi Dynamic Tiering, so flash is allocated to a percentage of a tiered pool. That percentage will vary by the overall capacity of the system and the pools.

- 11. New features are generally released through expanded or new host-mode options. Is that going to continue? Will Hitachi Command Suite need to be updated to keep up? Will hosts need to be rebooted to activate new features?**

Many new features introduce new or expanded host-mode options that are synchronized with updates in Hitachi Command Suite. All updates are nondisruptive. Most current operating systems and hypervisors recognize alternate paths – if they are added – and new host modes, without any reboot.

- 12. When considering SSD vs. flash, why is flash a better alternative? Cost? Performance? Reliability?**

Hitachi Accelerated Flash was developed to deliver better storage density, higher performance and improved media management over commodity solid state drives. Approximately 90% of the flash systems we ship include Hitachi Accelerated Flash module drives.

- 13. Does Hitachi Unified Compute Platform Director software support Cisco UCS? I saw a snippet on your UCP slide that said something about that.**

It is supported in our product Unified Compute Platform Select for VMware vSphere with Cisco UCS.



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