

HDS Intros Continuous Cloud Infrastructure

Written by Marco Attard
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Hitachi Data Systems (HDS) launches the Continuous Cloud Infrastructure-- a software-defined storage architecture promising to help customers deal with cloud, mobility and big data .



It is based on the HDS storage virtualisation technology, and should provide a foundation for further software-defined storage development.

"In order to execute in this business defined world, IT teams are looking to new infrastructure strategies to deploy more continuous, adaptable and scalable infrastructure," HDS says. "Businesses need solutions that don't require constant and disruptive changes to the technology they support. And that is what we are delivering today."

The company also reveals the Hitachi Storage Virtualisation Operating System (SVOS), a storage operating system replacing the two different systems powering Hitachi enterprise and midrange storage arrays.

SVOS features all HDS tiering, replication and block and file storage services, and supports virtualisation of HDS and non-HDS storage capacity. It is also handles virtual storage machines, allowing customers to either create a virtual storage array from physical storage or combine multiple physical boxes into a single virtual storage array.

It runs on HDS storage controllers, but the company hopes it will be able to run on commodity hardware in the future.

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The first hardware to natively deploy SVOS is the Hitachi Virtual Storage Platform (VSP) G1000-- a system scaleable to both small and scale block-storage, with up to 3 million IOPS performance as it scales from 2 to 16 Storage Directors and up to 600TB of flash storage capacity.

Further HDS launches are the Hitachi Command Suite version 8 (now with streamlined GUI, increased application awareness, more platform plug-ins and the REST API) and expanded versions of the Unified Compute Platform and Unified Platform Director, both compatible with the VSP G1000 and SVOS.

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