

From Monolithic Design to Software-Defined Building Block: The Evolution of Converged Infrastructure

WebTech Q&A Session, June 10, 2015

1. How do the Hitachi Unified Compute Platform (UCP) solutions fit within private, hybrid, and public cloud architectures?

UCP solutions fit within all of the above. They serve as the foundation for private-cloud services with self-services capabilities, catalogs, charge backs, etc., that are delivered on UCP 4000 through Hitachi Unified Compute Platform Director or on UCP 1000. These capabilities can be delivered by the Hitachi Cloud Automation Suite, through VMware cloud tools or by third-party service providers. Similarly, UCP solutions are the foundation for public or hybrid services offered by Hitachi Data Systems or by service providers.

2. Can you provide more details about UCP Director and the integration with VMware vCenter and vROps?

UCP Director is designed with a Rest API interface. It is natively integrated into vCenter and vROps, making these VMware tools capable of monitoring, provisioning and protecting both virtual and physical resources.

3. Is Hitachi Data Ingestor bundled with Hitachi Unified Compute Platform 1000 for VMware EVO:RAIL?

Yes, a trial version of HDI is bundled with each UCP for VMware EVO:RAIL appliance.

4. Do UCP for VMware EVO:RAIL devices support multiple HDIs?

The main use case for HDI on the EVO:RAIL appliance is for protecting unstructured data. As such, a single free-trial version of HDI is bundled with each EVO:RAIL appliance.

5. Where is the adoption of EVO:RAIL taking place, enterprise or service?

We are seeing EVO:RAIL adoption in multiple segments, including desktop virtualization, embedded appliances, large enterprises with remote offices, as well as Tier 2 and Tier 3 data center workloads.

6. Can UCP for VMware EVO:RAIL be connected to external block storage, or does it slots for HBAs?

UCP 1000 for VMware EVO:RAIL is designed to be a standalone appliance, with compute, storage and networking. It is not designed to be connected to existing external storage.

7. Is HDI dedicated to data protection?

The main use case for HDI with the EVO:RAIL appliance is as a bottomless data protection tool for unstructured data. As such, HDI with EVO:RAIL is a dedicated data protection tool for user and configuration data.

8. Is Hitachi Compute Platform offered as a cloud service for HDI targeted by HDS?

Yes, HCP is the target for data collected by HDI from the EVO:RAIL appliance. HCP can be a cloud service that can reside on a UCP 4000 in the data center or on another server.

9. Is storage on the Unified Compute Platform 1000 for VMware EVO:RAIL dedicated to each chassis, or is it shared?

UCP for VMware EVO:RAIL uses VMware VSAN, which is dedicated storage for each appliance.

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