

Comprehensive and Simplified Management for VMware vSphere Environments

WebTech Q&A Session, September 11, 2013

- 1. What are typical workloads deployed on Hitachi Unified Compute Platform Pro (UCP Pro) for VMware vSphere converged stack?**
UCP Pro is a converged solution based on enterprise-grade hardware (storage, compute, and networking) that can deliver multiple workloads while meeting customer SLA requirements. We have customers who have deployed UCP Pro for general workloads, and others for server consolidation, VDI deployments, and SAP ERP hosting. You can check out a customer success story [here](#).
- 2. Can we use our existing storage array as part of UCP Pro converged infrastructure?**
UCP Pro utilizes your choice of Hitachi storage. Our enterprise storage arrays with virtualization capabilities, Hitachi Virtual Storage Platform (VSP) and Hitachi Unified Storage VM (HUS VM), can virtualize over 100 3rd-party storage solutions. This flexibility provides our customers with the ability to get the most out of their existing 3rd-party investments.
I have Hitachi enterprise storage. Can I use that?
Yes, if you have an existing VSP, you can utilize that for your UCP Pro deployment, as long as it meets the requirements of the solution. As stated, you can virtualize existing, older Hitachi storage behind VSP and HUS VM.
- 3. You mentioned LPAR in your presentation; how does that work?**
With Hitachi blade technology, we offer virtualization at firmware level for customer applications that are non-hypervisor friendly but want the benefits of virtualization.
- 4. Do you support Ethernet switches other than Brocade and Cisco Ethernet?**
Currently those are the only Ethernet switches we support.

5. We have an existing ELA agreement with VMware. Can we leverage that or must we buy the VMware licenses through Hitachi Data Systems?

You can leverage your existing ELA license and deploy it with UCP Pro.

6. Can I procure UCP Director software without the hardware elements?

No. UCP Pro is a validated and integrated at the factory with all associated hardware (compute, networking, and storage). UCP Director relies on these underlying hardware elements to function at optimal state. However, customers can add UCP Director to their existing Hitachi ELA agreement.

7. How do you compare to Cisco UCS servers?

We both offer enterprise-grade blade servers, and understand that many customers have standardized on Cisco. As such, we also offer a converged infrastructure with Cisco UCS blades – our Unified Compute Platform Select for VMware vSphere with Cisco UCS. You can purchase those configurations from joint Cisco and Hitachi partners. UCP Director software is not currently offered with that solution, however.

8. Do you have benchmarks for the blade?

We do not provide benchmarks for our blade servers, since they are supplied exclusively as a component of UCP solutions that are sized, configured, and tuned for their specific purpose.

9. If I have multiple UCP Pro systems in my environment, can I manage them from a single pane of glass?

Yes, with our upcoming release, announced in July 2013 and scheduled to be generally available in October 2013.

10. Does UCS come with UCP Pro?

No.

11. Are the virtual and bare metal templates included with the system or an optional purchase?

Hitachi Data Systems supplies the virtual machine templates free of charge. The bare metal templates are created from customer-provided images for Microsoft® Windows® and RedHat Linux.

Will the VAMP API be used in place of HDLM?

No, both are supported.

12. Will you be supporting Microsoft Hyper-V®?

Hyper-V will be supported in a future release.

15. What makes your blades stand out in the server market?

Hitachi blade servers offer superior “made-in-Japan” engineering quality, which results in measurably higher reliability and customer satisfaction (Report: IDC, Japan, 2012).

Hitachi is also recognized as a technology innovator. “Hitachi innovates strongly around the areas of blade aggregation and integrated virtualization” (Gartner Blades MQ, 2013). Hitachi is the only x86 vendor to support mainframe-style logical partitioning. Hitachi also provides the most versatile I/O flexibility through a combination of integrated switch modules and PCIe expansion capabilities. In addition, Hitachi servers offer unique high-availability and power-management features.



Hitachi server and storage management is tightly integrated, even at the foundational level, with a single tool designed to manage all functions of both platforms. Further integration is available in UCP Director to manage all physical and virtual UCP elements from a single interface.