

To realize the most value from your converged and cloud infrastructure investments, consider Hitachi Unified Compute Platform Director. This powerful management tool offers end-to-end visibility to the entire converged virtualization infrastructure. It manages Hitachi Unified Compute Platform (UCP), providing a unified view of resources from a single pane of glass.

Hitachi Unified Compute Platform Director: Automate Your Microsoft® Cloud Infrastructure More Efficiently

Hitachi Unified Compute Platform Director delivers unmatched visibility and management capability so you can align IT with business processes using familiar tools. Unified Compute Platform Director monitors and provisions all the elements of UCP using a single view. It provides an overall health status of all solution elements and enables provisioning of virtual and physical hosts as well as storage and networking resources to address fluctuating demands. Unified Compute Platform Director simplifies and further reduces the complexity and maintenance challenges associated with disjointed and inefficient management of underlying infrastructures, saving time and money.

Unified Compute Platform Director Capabilities

Simplify Inventory and Provisioning

Gain a single, centralized point of administration and comprehensive management.

- All UCP hardware and software elements are exposed as objects.
- Gain end-to-end visibility to the entire converged infrastructure.
- Simplify provisioning of hosts, storage and networks through one-step deployment.

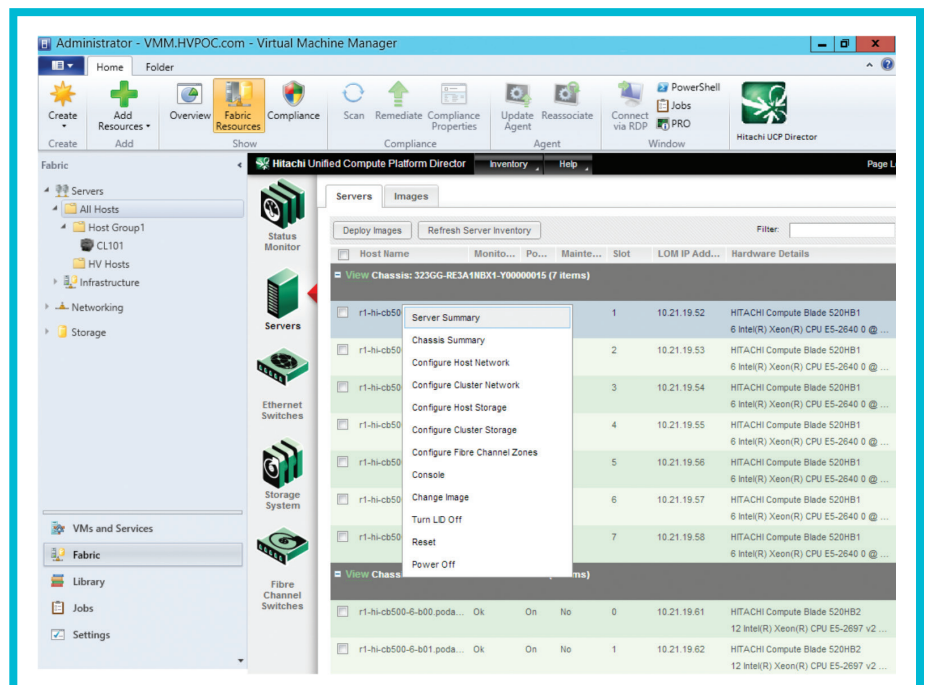


Figure 1. Unified Compute Platform Director seamlessly integrates with Microsoft System Center – Virtual Machine Manager to simplify data center management.

Operate More Efficiently

Unified Compute Platform Director is tightly integrated with Microsoft System Center Virtual Machine Manager and appears as an integrated application. This tight integration allows for proactive management and growth of a converged data center environment while freeing up IT resources (see Figure 1).

The addition of Microsoft® Azure™ Pack on top of Unified Compute Platform Director software enables self-service provisioning and subscription-based consumption of the UCP hardware resources from an Azure-like interface.

Virtual and Physical End-to-End Orchestration

Manual inventory and provisioning tasks are often inefficient and error-prone. They also often require negotiation between infrastructure element teams (server, storage and network). Unified Compute Platform Director frees up IT resources by providing one-step provisioning and deployment (see Table 1).

Predefined server provisioning allows quick and error-free deployment of new services. Provision both virtualized Microsoft Private Cloud and bare-metal Microsoft Windows® or Linux images.




Summary

To help organizations overcome the challenges of managing converged data centers and cloud infrastructures, Hitachi delivers an end-to-end management tool optimized to meet the needs of Microsoft environments. By providing a single, software-defined view of the data center, Hitachi management solutions help you gain the full value of your virtualization investment.

These benefits include improvements in organizational agility, predictable reliability, delivery of IT resources that match business requirements and subscription-based consumption.

Hitachi Unified Compute Platform Director automates and orchestrates the administration and task workflows required to support a converged infrastructure running demanding and fluctuating workflows. Simplifying inventory and provisioning tasks and improving operations are reasons why Unified Compute Platform Director is the optimal solution for your Microsoft deployment. Gain peace of mind that you can deploy and support a converged data center from one centralized management tool, while lowering both capital and operating expenditures.

TABLE 1. HITACHI UNIFIED COMPUTE PLATFORM (UCP) FOR MICROSOFT PRIVATE CLOUD FAMILY OFFERS DEPLOYMENT CHOICES

			
	Hitachi Unified Compute Platform (UCP) 2000	UCP 4000E	UCP 4000
Server	2U4N (Rack)	Hitachi Compute Blade 500 (2-16 Blades)	Hitachi Compute Blade 500 (2-128 Blades)
Storage	Hitachi Virtual Storage Platform (VSP) G200	Hitachi Unified Storage (HUS) 130, HUS VM, VSP G200, VSP G400	HUS 150, HUS VM, VSP G400, VSP G600, VSP G800, VSP G1000
“Bolt On”	No	HUS VM, VSP G400	HUS VM, VSP G400, VSP G600, VSP G1000
Networking	Brocade Converged	Cisco Converged	Brocade Fibre Channel: Cisco or Brocade IP
Management	No	Hitachi Unified Compute Platform Director	

Storage Management Software Services

Hitachi Data Systems Global Services Solutions (GSS) incorporates the industry’s best people, products, tools and methodologies to help you transform your data center and reach your continuous cloud infrastructure milestones. GSS consultants can help you plan, design, install, implement, transition, migrate, integrate, manage and optimize storage infrastructure solutions that meet your needs.

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