

Hitachi Unified Compute Platform 4000 with Hitachi Unified Compute Platform Director lets you speed deployment of a converged infrastructure with agility, reliability and performance for your most demanding virtualized applications.

Hitachi Unified Compute Platform 4000: Make Your Most Demanding Enterprise-Class Applications Agile

As growing organizations demand ever-faster delivery of business services, IT managers struggle with the increasing complexity and cost of disparate technology resources. Hitachi Unified Compute Platform 4000 (UCP 4000) is the foundation for your evolution to the cloud. This solution allows you to build a valid infrastructure to host any enterprise application, optimized for the cloud. It includes Hitachi Unified Compute Platform Director software, which is natively integrated with Microsoft® System Center or VMware vCenter to centralize and automate the management of your server, storage and networking components (see Figure 1). With Unified Compute Platform Director, you can manage unified business resource pools across a single or multiple data centers from a single user interface. As a result, you can monitor and allocate virtual resources rapidly and efficiently.

Hitachi Unified Compute Platform 4000 offers these capabilities in a more agile, resilient and scalable converged infrastructure than traditional enterprise-class converged infrastructure solutions.

Unified Compute Platform 4000 Capabilities

Scalable, Prevalidated Solution Components

Hitachi Unified Compute Platform 4000 offers maximum performance and

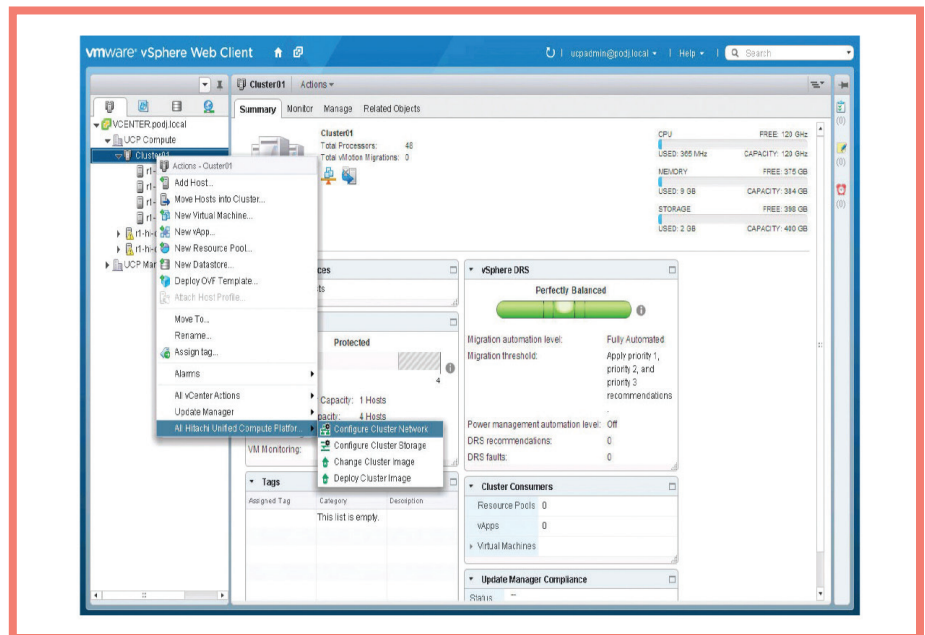


Figure 1. Unified Compute Platform Director is natively integrated with VMware vCenter or Microsoft System Center, which allows you to inventory, provision, monitor and protect virtual and physical infrastructure from a single pane of glass.

utilization, as it leverages Hitachi best-in-class hardware and software technology. It also eliminates the guesswork and troubleshooting IT organizations experience when rolling out a new infrastructure with third-party vendors who may not know all of the system components. In addition, a single management interface means you can provision faster and monitor the system more easily across the entire enterprise.

Key Platform Features

- Tightly integrates server, network, storage and management infrastructure with preconfigured VLANs, server clusters and storage pools.
- Fits your requirements, as we optimize, preconfigure and pretest your solution at the Hitachi distribution center, to dramatically reduce deployment time.

- Supports multiple Hitachi industry-leading storage systems, with the ability to leverage existing storage products.
- Works with a range of Hitachi server CPU and memory configurations to meet workload needs and to support multiple tiers of compute resources.
- Includes Hitachi Unified Compute Platform Director, a single infrastructure management tool to provision services quickly and scale “worry free” to multiple physical hosts and virtual machines.
- Has native integration with either Microsoft System Center or VMware vCenter.
- Provides resilience and scalability, with 2 to 128 high-density Hitachi Compute Blade 500 Intel-based blade-servers, and a choice of Hitachi industry-leading Hitachi Virtual Storage Platform G1000 (VSP G1000) enterprise-class storage or Hitachi VSP midrange storage. It also provides IP and Fibre Channel switching from industry leaders Brocade and Cisco.
- Bolts onto existing VSP G1000 or VSP G600 industry-leading storage.

Hitachi Unified Compute Platform Director

Hitachi Unified Compute Platform Director monitors all of the elements of a UCP solution under a single view that shows overall system health. Early alerts indicate possible impending device failures and minimize system downtime by prompting proactive maintenance.

UCP for VMware vSphere

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The single management view also saves time and money, as it minimizes the challenges of overseeing complex infrastructures.

UCP for Microsoft Private Cloud

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HITACHI UNIFIED COMPUTE PLATFORM 4000: INFRASTRUCTURE OVERVIEW*

Compute	<ul style="list-style-type: none"> ■ Hitachi Compute Blade 500. <ul style="list-style-type: none"> ■ Flexibility with 2-8 blades per chassis. ■ Scales up to 64 or 128 blades.
Storage Options	<ul style="list-style-type: none"> ■ Hitachi Virtual Storage Platform G1000 (bolt-on option). ■ Hitachi Virtual Storage Platform G600 (bolt-on option). ■ Hitachi Virtual Storage Platform G400. ■ Other vendor storage virtualized through VSP family.
Software	<ul style="list-style-type: none"> ■ Hitachi Unified Compute Platform Director v4.0. ■ For VMware vSphere: <ul style="list-style-type: none"> ■ VMware vCenter. ■ VMware vSphere 5.1, 5.5 or 6.0. ■ For Microsoft® Hyper-V® <ul style="list-style-type: none"> ■ Microsoft System Center 2012 R2*. ■ Microsoft Hyper-V.
Network	<ul style="list-style-type: none"> ■ Brocade or Cisco Ethernet networking components. ■ Brocade Fibre Channel SAN components.

*Partial list of components

With Unified Compute Platform Director, you can:

- Automate and orchestrate essential infrastructure components as unified pools of business resources directly from Microsoft System Center or VMware vCenter.
- Use predefined service profiles and server templates for quick and error-free deployment of new services. Provision virtualized Microsoft Hyper-V® or VMware vSphere, and bare-metal Microsoft Windows® or Linux images.
- Improve troubleshooting with integrated physical and virtual infrastructure monitors and alerts.

Summary

Hitachi Unified Compute Platform gives data centers the enterprise scale, efficiency and agility not found in other offerings. This

solution can help businesses improve IT agility, lower infrastructure costs and move to the cloud with predictable reliability and exceptional flexibility.

With UCP 4000, Hitachi offers a streamlined, integrated and automated platform for enterprise data centers and cloud deployments. UCP 4000 improves your time to production, makes your enterprise-class applications more agile and resilient, and gives you the flexibility to grow as your business needs demand.

Hitachi Unified Compute Platform supports your business needs today and lets you establish a flexible foundation for the data center of the future.

Hitachi Data Systems



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