

Hitachi Unified Compute Platform Advisor (UCP Advisor) simplifies infrastructure operations. Seamless integration allows automated provisioning of UCP systems.

DATASHEET

Hitachi Unified Compute Platform Advisor

Smart Management for Converged, Hyperconverged and Rack-Scale Infrastructure

As organizations come under increasing pressure to transform due to new competition from digital disruptors, IT managers face the choice: Transform or become irrelevant. They must meet the growing demands for faster delivery of business services while addressing complexity and rising costs of managing disparate technology resources.

Increasingly, businesses require IT infrastructure management and orchestration that delivers flexible operations while reducing operating expenses (opex). IT administrators need to be able to move applications and workloads between clouds, devices and virtual machines (VMs) in a smart and automated way to respond faster and more efficiently to evolving business needs.

Hitachi delivers automated management and orchestration for converged, hyperconverged and rack-scale infrastructures supporting virtual and bare metal environments.

Simplify Deployments

Hitachi Unified Compute Platform Advisor is a containerized management platform that simplifies IT management and orchestration for faster and easier deployment, and brings simplified IT administration to virtualized, converged and hyperconverged systems.

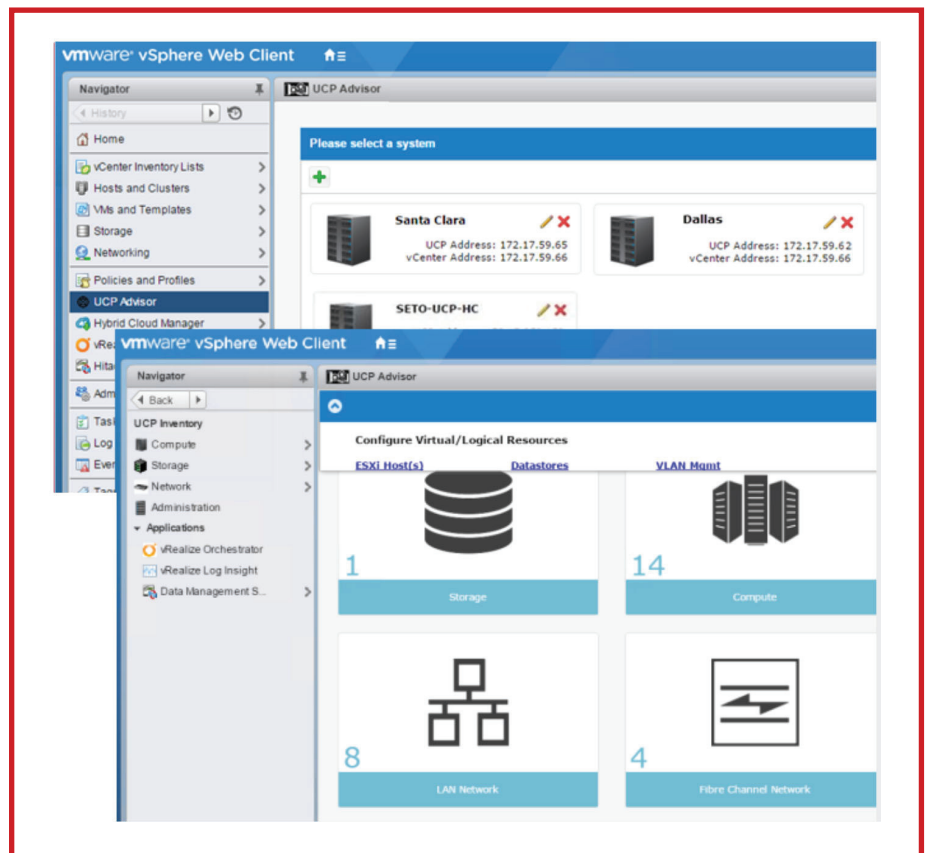


Figure 1. UCP Advisor's management automation technology is tightly integrated into management tool sets from VMware, offering smart life-cycle management of virtual, logical and physical resources.

UCP Advisor also brings guided life-cycle management to server, network and storage elements within UCP systems. This management automation capability is tightly integrated into VMware management tool sets, providing programmability via scripting

as well as additional workflow automation tools (see Figure 1). UCP Advisor is designed to manage single or multiple UCP systems of the same model and can be extended with additional functionality by the use of plug-in software modules.

UCP Advisor Benefits

UCP Advisor provides:

- **Improved efficiencies.** UCP Advisor provides integrated management of UCP systems, supporting full automation over the server, network and storage components. Additionally, UCP Advisor provides guided life-cycle management, including firmware upgrades, provisioning, management and monitoring of physical and virtual resources, via operational workflows designed to meet typical day-to-day operational requirements (see Figure 2). This includes end-to-end provisioning of VMware ESXi hosts, data stores and virtual LAN (VLAN) synchronization management.
- **Simplified deployments.** UCP Advisor simplifies IT management and orchestration for faster, easier deployments. UCP Advisor offers automated management of individual server, network and storage elements, and tightly integrates these management functions into VMware environments. Administrators need not learn additional management tools to view and manage all elements within UCP systems. UCP Advisor integrates infrastructure provisioning, workflow orchestration, log analysis, monitoring and troubleshooting into management tools from VMware, reducing learning curves.
- **Programmatic access.** In addition to managing infrastructure elements from within native hypervisor management interfaces, UCP Advisor can be managed programmatically via command line interface, VMware vRealize Orchestrator and other workflow orchestration tools.
- **Extensible architecture.** UCP Advisor capabilities can be extended with integration of additional software, such as with Hitachi Automation Director (HAD)

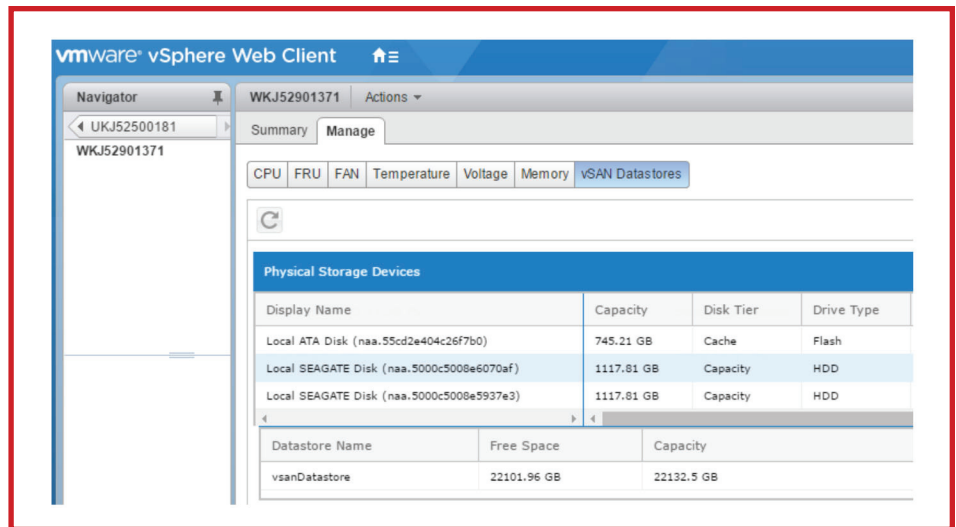


Figure 2. UCP Advisor manages physical aspects of VMware vSAN, including compute firmware management.

and Hitachi Data Instance Director (HDID). HAD reduces provisioning times by up to 90% and the probability for human errors via automation of complex tasks. UCP Advisor works with HAD and HDID to provide modern data protection, application-consistent recovery and copy data management across the IT infrastructure.

Solution Architecture

UCP Advisor architecture for VMware environments supports managing multiple UCP systems with a single VMware vCenter server or enhanced linked-mode vCenter configurations. Purchase required and optional VMware software components from Hitachi, or provide your own VMware components, provided they meet required minimum software versions. [View UCP required software.](#)



Summary

Today's IT organizations face challenges around complexity and scale that require a simpler, automated approach to managing infrastructure. This infrastructure must include integrated management of individual server, network and storage elements, as well as integrated management into server virtualization environments. To support next-generation applications and to deliver automation to today's applications, programmatic access is needed. UCP Advisor provides smart, converged, hyperconverged and rack-scale infrastructure management that is future proof, through an extensible approach.

Hitachi Vantara

Corporate Headquarters
2845 Lafayette Street
Santa Clara, CA 95050-2639 USA
www.HitachiVantara.com | community.HitachiVantara.com

Regional Contact Information
Americas: +1 866 374 5822 or info@hitachivantara.com
Europe, Middle East and Africa: +44 (0) 1753 618000 or info.emea@hitachivantara.com
Asia Pacific: +852 3189 7900 or info.marketing.apac@hitachivantara.com

