

Hitachi Storage Connector for Cisco UCS Director is a free, downloadable adapter for seamless management of Hitachi storage by Cisco UCS Director. Manage Hitachi storage in UCS environments or as part of a Hitachi Unified Compute Platform Select solution.

DATASHEET

Hitachi Storage Connector for Cisco UCS Director

Strategic. Prevalidated. Integrated. Simplified.

Hitachi Data Systems and Cisco share a long, successful history of partnering together on strategic industry-specific solutions. Hitachi Storage Connector for Cisco UCS Director is another example of this success.

Cisco UCS Director is the self-service provisioning and automation tool for managing and orchestrating storage, network and server resources in Cisco UCS Server landscapes. Organizations that have standardized on UCS Servers want a unified and automated enterprise-class approach to managing escalating data demands. These organizations often require storage platforms to be compatible with the UCS ecosystem to cohesively manage, scale and streamline IT infrastructure.

Hitachi Storage Connector for Cisco UCS Director makes it easy to add, manage and leverage the ingenuity and quality of best-in-class Hitachi storage platforms within UCS ecosystems. This free, downloadable solution incorporates a pre-certified, fully integrated adapter for UCS Director that optimizes virtualization, simplifies operations and extends the value of Hitachi storage assets. Supporting key inventory, orchestration and workflow tasks, Storage Connector for Cisco UCS Director reduces time spent managing infrastructure so IT can focus on other innovations and priorities for the business.

How Hitachi Storage Connector for Cisco UCS Director Works

The storage connector tool interfaces with UCS Director and manages communications between the connector and Hitachi storage platforms. Setup is straightforward; everything is included and available for download on the Hitachi Data Systems Support Portal and the Cisco Marketplace.

Click the Product View image above or visit <https://portal.hds.com>.

Find Product Information

VIEW

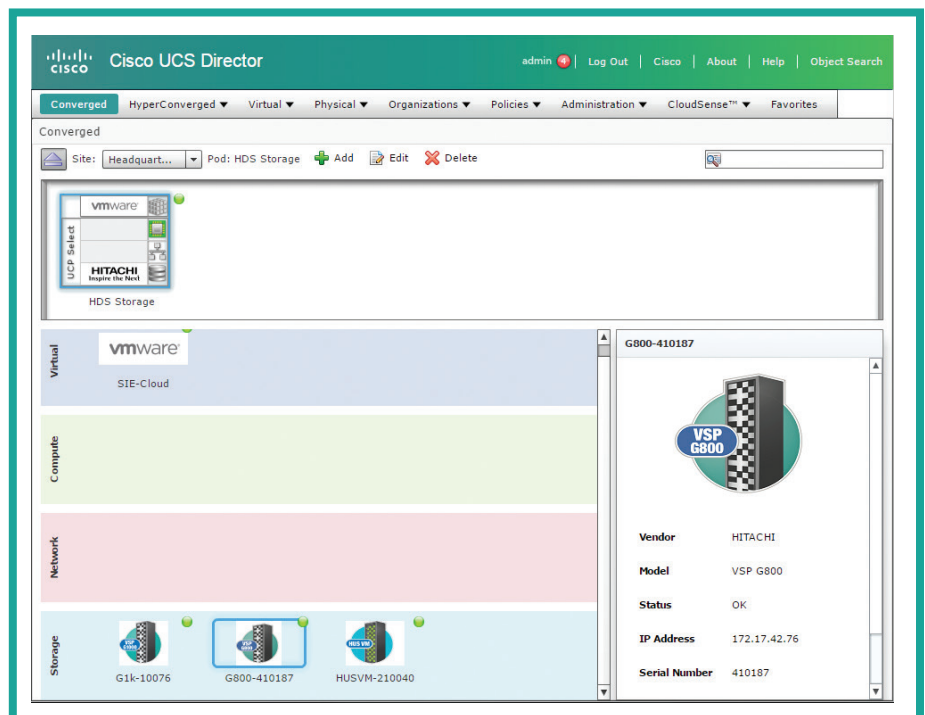


Figure 1. Detailed View of Hitachi Pod in UCS Director

Just a Few Clicks to Get Started

UCS Director uses point-of-delivery operations for adding data center components. Once the solution's interface is installed, administrators can create or locate a Hitachi pod to house and manage all Hitachi storage accounts and storage platforms (see Figure 1). The time required to add accounts will depend on the size of the storage system and the network speed. Testing connections are automated, and complex datastore provisioning and extension tasks are performed in one simple operation.

Collect and Display Storage System Information in UCS Director

- Storage capacity.
- Microcode and SVP IP addresses.
- Storage platform components:
- Controllers.
 - Ports and worldwide port names (WWPNs).
 - Parity groups.
 - Host groups.
 - Pools.
 - License information.
 - Logical units (LDEVs).

Supported Tasks and Workflows

Tasks

- Logical device (LDEV): Create, format and delete LDEVs; create and delete dynamic and Hitachi Thin Image (HTI) pools.
- Host group management: Create and delete a host group; add a host to and remove a host from the host group; add and remove logical units; set the host group mode.
- Location replication: Create, split, resync and store mirrors and clones.
- Support for the creation and automation of global-active device pairs.
- Supports the UCS Director rollback feature.

HDS at a Glance

Digital transformation improves enterprises' cost-efficiency, time to market, customer experience, and revenue through better data management. Hitachi Data Systems uses data to power the digital enterprise.

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BENEFITS AT A GLANCE

Hitachi Storage Connector for Cisco UCS Director provides the following benefits:

- Adds best-in-class Hitachi storage resources to UCS environments.
- Unifies and scales network, compute, storage and management.
- Speeds deployment and simplifies IT operations.
- Enables IT infrastructure to be available as a service.
- Maximizes the value of virtualized data center resources.
- Ensures validated, fully integrated tool for adding or changing storage.
- Supports key inventory, orchestration and workflow tasks.
- Reduces time spent managing IT infrastructure.
- Fosters new opportunities for business innovation.

Workflows

- Include Hitachi storage in your end-to-end data center workflows.
- Automate administrative and end user operations and attach to catalog items.
- Create custom tasks with the provided API documentation.

Supported Hitachi Storage Platforms in UCS Director

Hitachi storage can be added to the UCS environment as standalone platforms or as part of a Hitachi Unified Compute Platform solution. Each of these flagship technologies delivers an important suite of must-have features, including best-in-class availability, performance and scalability, plus hybrid storage technologies or all-flash offerings.

The solution supports Hitachi enterprise storage systems:

- **Hitachi Virtual Storage Platform (VSP) G series systems** improve IT agility to innovate and achieve business outcomes faster with leading application and virtualization integration.

- **VSP F series systems** accelerate delivery of applications with more flash performance, penalty-free compression and faster response times.
- **VSP and Hitachi Unified Storage VM platforms** are also supported by the connector.

Additional Hitachi storage platforms will be certified and included in future releases of Hitachi Storage Connector for Cisco UCS Director.

Cooperative Support

Hitachi and Cisco have many years of experience supporting mutual customers with consistent high-quality, high-touch technical support. For questions or concerns specifically regarding Hitachi Storage Connector for Cisco UCS Director, please contact the Hitachi Data Systems Support Portal at: www.hds.com/services/support.

Storage
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