Hitachi Infrastructure Connectors for Cisco UCS Director are free, downloadable adapters 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 Infrastructure Connectors for Cisco UCS Director

Strategic. Prevalidated. Integrated. Simplified.

Hitachi Data Systems and Cisco share a long, successful history of partnering on strategic industry-specific solutions. Hitachi Infrastructure Connectors for Cisco UCS Director are 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 Infrastructure Connectors for Cisco UCS Director make 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 package incorporates precertified, fully integrated adapters for UCS Director that optimize virtualization, simplify operations and extend the value of Hitachi storage assets. Supporting key inventory, orchestration and workflow tasks, Infrastructure Connectors for Cisco UCS Director reduce time spent managing infrastructure so IT can focus on other innovations and priorities for the business.

How Hitachi Infrastructure Connectors for Cisco UCS Director Work

The connectors interface with UCS Director and manage 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.

Find Product Information

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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 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 is automated, and complex datastore provisioning and extension tasks are performed in one simple operation.

Collect and Display Storage System Information in UCS Director

SAN Data Features

- 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.
- Support for the UCS Director rollback feature.

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.

NAS Data Features

- Inventory items.
- Storage pool capacity.
- Firmware levels.
- Virtual servers.
- File systems.
- CIFS/NFS file shares.
- iSCSI.

Supported Tasks and Workflows

Tasks

- Storage pools: create and delete.
- File systems and shares: create, delete, mount and unmount.
- CIFS and NFS shares: create and delete.
- Virtual servers (EVS): create and delete.

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.
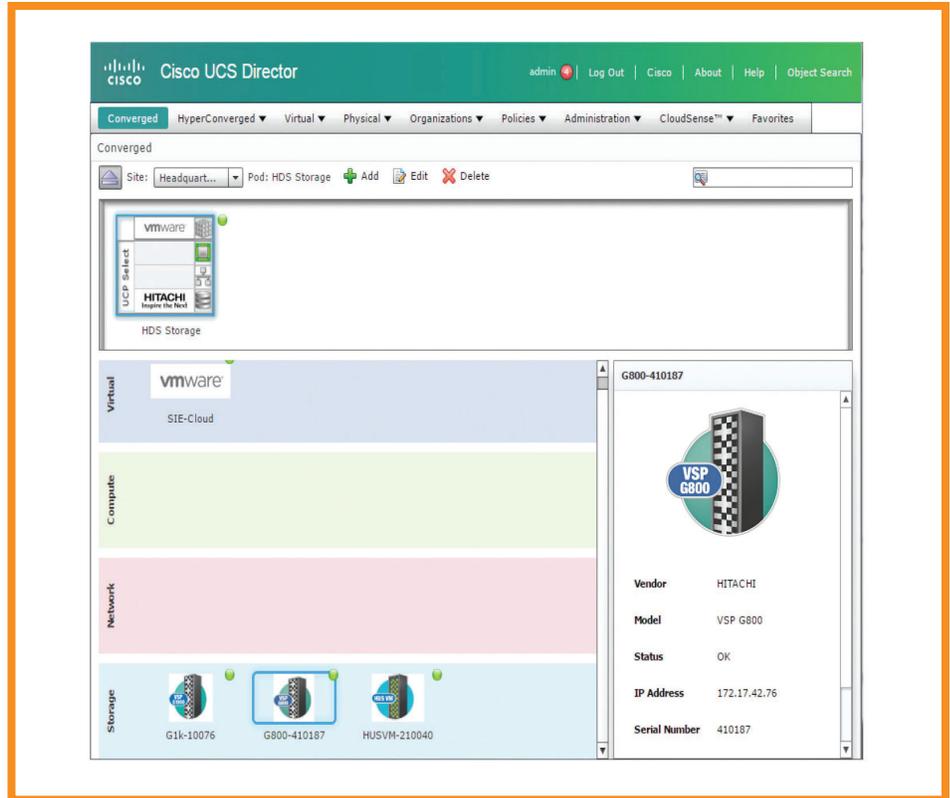

Figure 1. Detailed View of Hitachi Pod in UCS Director

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.
- It provides support for VSP and Hitachi NAS Platform 4000, as well as full support, including file side support, for Hitachi Unified Storage VM.

Additional Hitachi storage platforms will be certified and included in future releases of Hitachi Infrastructure Connectors 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 Infrastructure Connectors for Cisco UCS Director, please contact the Hitachi Data Systems Support Portal at: HDS.com/services/support.

Storage Connection Support

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⊚ Hitachi Data Systems

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