

HITACHI DATA SYSTEMS ACADEMY

Delivery Type

- Instructor-led Training (ILT)
- Virtual Instructor-led Training (vILT)

Course Length

- 3 days

Course Availability

- Employees
- Partners
- Customers

Suggested Audience

- Administration

Required Knowledge and Skills

- Basic understanding of Compute, Networking, VMware vSphere 6.x and Hitachi Storage
- Basic understanding of UCP and UCP Director

Prerequisite Courses

- None

Supplemental Course

- TCI2527 – Managing and Monitoring Hitachi UCP 4000 and 4000E Solutions With VMware vSphere

TCI2956 – Administering Hitachi UCP 4000 for VMware With UCP Director

Course Highlights

- Identify and describe the Hitachi Unified Compute Platform (UCP) for VMware vSphere features, components, and capabilities
- Provision servers and clusters, update an ESXi image, add and expand volumes, decommission an ESXi host and redeploy it
- Investigate and discover the configuration tasks that UCP automates in storage, switches, and servers

Course Description

This 3 day course provides administration level training on Hitachi Unified Compute Platform (UCP) 4000 for VMware using Hitachi Unified Compute Platform Director for administrator and global system integrators. You will also learn to use the features and functions of UCP Director software.

The course demonstrates how to perform day-to-day administration of UCP. This includes initial activities such as image preparation and host deployment, and also covers the tasks needed to support growth and updates. You will learn the benefits of relying upon UCP automation to deploy and maintain the infrastructure.

You will complete extensive, hands-on lab activities designed to reinforce the concepts presented during the course to build necessary UCP skills. In some exercises, you will log into the storage and the switches to investigate the configurations that UCP has automated.

Course Objectives

Upon completion of this course, you should be able to:

- Deploy a VMware ESXi cluster
- Perform all the steps to add an ESXi host to an existing cluster
- Update the ESXi image that the cluster uses and then apply the updated copy to the cluster
- Perform steps in UCP to add a volume to a cluster and expand a datastore volume used by the cluster
- Add a VLAN to the virtual distributed switch (VDS) and use UCP to detect the new VLAN and apply it to the connected physical switch ports
- Decommission an ESXi host from a cluster



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Community.hds.com

- Deploy a server as a bare metal Windows® host

Course Outline

Content Modules

- Build ESXi Cluster With UCP
- Add Host to Clusters
- Update ESXi Image
- Add a Volume to a Cluster
- Expand a Volume
- Add and Remove VLAN
- Decommission a Clustered Host
- Redeploy Blade as Bare Metal Windows
- Supplemental Course Material

Learning Activities — Labs

- Create an ESXi Cluster
- Add Host to Cluster
- Update ESXi Image
- Add Storage to Cluster
- Expand a Volume
- Add and Remove VLAN
- Decommission a Clustered ESXi Host
- Deploy Windows Host

To register or for more information, go to <https://learningcenter.hds.com>



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