

## EXAM DESCRIPTION

### Hitachi Vantara Certified Specialist – UCP with Unified Compute Platform Director Solutions Implementation HCE-5610 Exam

<b>Description:</b>	This test is designed for Hitachi Vantara employees and partners who deploy Hitachi converged solutions in Microsoft, Oracle and VMware environments. This exam certifies that the successful candidate has advanced knowledge, skills and abilities to implement, integrate and support Hitachi Unified Compute Platform with Unified Compute Platform Director solutions at customer sites. This includes a thorough understanding of deployment and integration procedures and best practices, and of the tools and techniques related to supporting the solutions. This test covers Hitachi Unified Compute Platform solutions including UCP for VMware vSphere, UCP Select for VMware vSphere with Cisco UCS, UCP for Microsoft® Private Cloud, UCP for Oracle Database, UCP for Oracle RAC with Cisco UCS, UCP for Microsoft SQL Server®.
<b>Audience:</b>	Hitachi Vantara employee and authorized partner implementation and integration professionals.  Hitachi Unified Compute Platform solutions implementation personnel should have strong knowledge and skills in using, deploying and supporting Hitachi converged solutions. They have knowledge of compute servers, network and storage systems included in the solutions. They are also familiar with the software environments in which the solutions (Microsoft, VMware, Oracle and SAP) integrate. As systems integrators, they provide pre-installation services, and following best practices, they deploy, configure and test the software products included in the solutions. They provide post-installation support services, including solutions maintenance, updates and upgrades, and have thorough knowledge of problem determination and incident-resolution tools and techniques. They support all related administrative activities and should also be able to perform knowledge-transfer tasks by communicating needed information to allow clients to assume responsibility for operation of the solutions deployed.
<b>Supporting material:</b>	TXI2631 Deploying Hitachi Unified Compute Platform for VMware vSphere: Multi Rack and TXI2635 Deploying Hitachi Unified Compute Platform for Microsoft Private Cloud: Single Rack, or TXI2633 Deploying Hitachi Unified Compute Platform for VMware vSphere: Single Rack and TXI2634 Deploying Hitachi Unified Compute Platform for Microsoft Private Cloud: Multi Rack
<b>Exam type:</b>	Certification
<b>Format:</b>	Proctored, closed-book exam
<b>Credential:</b>	Hitachi Vantara Certified Specialist – UCP with Unified Compute Platform Director Solutions Implementation
<b>Delivery:</b>	The exam is available through the <a href="#">Kryterion Webassessor</a> system.
<b>Questions:</b>	60
<b>Passing score:</b>	66%
<b>Duration:</b>	90 minutes; 120 minutes for non-English-speaking countries
<b>Cost:</b>	US\$225

### Test Objectives

Section 1	Compute
1.1	Identify the Hitachi Vantara compute components used in a UCP solution.
1.2	Identify the compute resources firmware.
Section 2	Networking
2.1	Identify the difference in the network architecture between a Cisco and Brocade-based appliance.
2.2	Demonstrate knowledge of Layer 2 connectivity.
2.3	Describe UCP solution connectivity.

<b>Section 3</b>	<b>Storage</b>
3.1	Demonstrate knowledge of how the storage and SAN fabric is configured in UCP.
3.2	Describe storage provisioning.
<b>Section 4</b>	<b>UCP Solution Knowledge</b>
4.1	Identify the hardware components in a UCP with Unified Compute Platform Director solution.
4.2	Identify which major hardware components may be included in a firmware update package.
4.3	Describe the Unified Compute Platform Director integration with VMware vCenter or Microsoft System Center.
<b>Section 5</b>	<b>Deployment Process</b>
5.1	Demonstrate knowledge of image or identity management.
5.2	Demonstrate knowledge of customer integration points with UCP.
5.3	Demonstrate knowledge of the storage requirements for a UCP bolt-on solution.
5.4	Demonstrate knowledge of the UCP validation process.
5.5	Describe the documentation for an implementation.
<b>Section 6</b>	<b>UCP Management Stack</b>
6.1	Describe UCP management stack VMs and the services provided.
6.2	Demonstrate knowledge of how to deploy the UCP software stack VMs.
6.3	Describe how the UCP solution is monitored for health and performance.
6.4	Describe the main functions performed by Unified Compute Platform Director software.
<b>Section 6</b>	<b>Troubleshooting</b>
7.1	Demonstrate knowledge how to troubleshoot problems during deployment.

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