

## EXAM DESCRIPTION

### Hitachi Vantara Certified Specialist - UCP Solutions Architect HCE-3610 Exam

<b>Description:</b>	This test is designed for Hitachi Vantara employees and partners who design Hitachi converged solutions for Microsoft, Oracle and VMware environments and develop proposals. The test will validate that the successful candidate has the knowledge and skills to assess, plan and design solutions proposals that meet the business needs of Hitachi Vantara customers. This includes strong knowledge of Hitachi Unified Compute Platform (UCP) and UCP with Hitachi Unified Compute Platform Director solutions, how systems integrate into customer environments and how they can best satisfy the customer needs and meet their expectations. This test covers UCP solutions including Hitachi Unified Compute Platform for VMware vSphere, Hitachi Unified Compute Platform Select for VMware vSphere with Cisco Unified Computing System, Hitachi Unified Compute Platform for Microsoft® Private Cloud, Hitachi Unified Compute Platform for Oracle Database, Hitachi Unified Compute Platform for Oracle Real Application Clusters with Cisco Unified Computing System, Hitachi Unified Compute Platform for Microsoft SQL Server®.
<b>Audience:</b>	Hitachi Vantara employee and partner solutions architects.  Hitachi UCP solutions architects examine customer-related data and information to assess requirements from a business perspective and respond with solutions, defined as a hardware and software architecture that meets the customer's business needs. In a pre-sales engineering role, they define the technical architecture and components of the solution according to solution-design best practices in the context of the client's infrastructure, and they apply the most recent technologies. In a storage engineering role and in association with implementation personnel, they present and propose initial deployment and support plans for the solutions. Hitachi UCP solutions architects have knowledge of compute servers, network and storage systems included in the solutions and are familiar with the software environments in which the solutions (Microsoft, VMware, Oracle and SAP) integrate.
<b>Supporting material:</b>	SXC2707 Accelerating Sales of Hitachi Unified Compute Platform - Pre-Sales (Adaptive Learning) TCI2527 Managing and Monitoring Hitachi Unified Compute Platform for VMware vSphere (4d ILT)
<b>Exam type:</b>	Certification
<b>Format:</b>	Proctored, closed-book exam
<b>Credential:</b>	Hitachi Vantara Certified Specialist - UCP solutions architect
<b>Delivery:</b>	The exam is available through the <a href="#">Kryterion Webassessor</a> system.
<b>Questions:</b>	60
<b>Passing score:</b>	68%
<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 how Hitachi Compute Blade servers can be used for customer solutions.
1.2	Identify the difference between Hitachi Compute Blade servers and chassis.
Section 2	Storage
2.1	Describe the storage limits for UCP solutions.
2.2	Demonstrate knowledge of virtual storage.
2.3	Describe UCP storage area networks.
2.4	Describe how Hitachi storage systems can be used in UCP solutions.

<b>Section 3</b>	<b>Networks</b>
3.1	Demonstrate knowledge of the Active Directory integration requirements for UCP with Unified Compute Platform Director solutions.
3.2	Describe layers 1, 2, and 3 of the OSI model.
3.3	Describe network hardware components for UCP solutions.
<b>Section 4</b>	<b>Assessment</b>
4.1	Demonstrate knowledge on how to gather customer requirements.
4.2	Demonstrate knowledge of environments targeted by UCP solutions.
4.3	Demonstrate knowledge of orchestrated versus non-orchestrated converged technologies.
4.4	Demonstrate knowledge of migration methods to implement a UCP solution in a customer environment.
4.5	Describe data protection options for a UCP solution in a customer environment.
<b>Section 5</b>	<b>Design</b>
5.1	Demonstrate knowledge of UCP solutions scalability methods.
5.2	Describe components used to design UCP solutions.
<b>Section 6</b>	<b>Operations</b>
6.1	Describe the different management stack configurations.
6.2	Demonstrate knowledge of the process to manage user roles.
6.3	Describe host deployment methodologies.
6.4	Demonstrate knowledge of storage and network topologies within a UCP solution.
6.5	Describe the UCP solution support framework.



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