

EXAM DESCRIPTION

Hitachi Vantara Certified Specialist – Compute Platform Implementation HCE-5510 Exam

Description:	This test is designed for Hitachi Vantara employees and partners who deploy and integrate Hitachi Compute Blade servers in customer environments. The test will validate that the successful candidate has the knowledge and skills to implement and support Hitachi Compute Blade solutions. This includes 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 Compute Blade models CB 500 and CB 2500.
Audience:	Hitachi Vantara employee and partner installation professionals. Hitachi Compute Blade server-implementation personnel should have strong knowledge and skills in the use, deployment and support of Hitachi server blade solutions. They have basic knowledge of Microsoft® Windows®, Linux or VMware operating systems, and have a general understanding of storage, Fibre Channel and Ethernet networking concepts. As systems integrators, they provide pre-installation services and follow best practices to deploy, configure and test the hardware and software products included in the solutions. They also provide post-installation support services, including solutions maintenance, updates and upgrades, and they have thorough knowledge of problem determination and incident-resolution tools and techniques. They support all related administrative activities and transfer knowledge to allow clients to assume responsibility for operation of the solutions deployed.
Supporting material:	THI2028 Installing, Configuring, and Managing Hitachi Compute Blades 500 & 2500 course (5d ILT)
Exam type:	Certification
Format:	Proctored, closed-book exam
Credential:	Hitachi Vantara Certified Specialist - Compute Platform Implementation
Delivery:	The exam is available through the Kryterion Webassessor system.
Questions:	60
Passing score:	66%
Duration:	90 minutes; 120 minutes for non-English-speaking countries
Cost:	US\$225

Test Objectives

Section 1	Components and Architectures
1.1	Identify the internal architecture, components and features of Hitachi Compute Blade 500.
1.2	Identify the internal architecture, components and features of Hitachi Compute Blade 2500.
1.3	Describe the multiblade symmetric multiprocessing (SMP) feature.
Section 2	Management Consoles
2.1	Identify the different consoles available to connect to the Hitachi Compute chassis and blades.
2.2	Describe how to connect to the Hitachi Compute chassis and blades using the consoles.
2.3	Describe how to connect to the Hitachi Compute Blade switches.
2.4	Describe the tasks that can be performed through the management consoles.
Section 3	Management Software
3.1	Describe how to set up user accounts on Hitachi Compute Blade servers.
3.2	Describe the different types of management applications that can be used to manage the Hitachi Compute Blade servers.
3.3	Describe how to implement N+M failover on Hitachi Compute Blade servers using management applications.

3.4	Describe how the different types of consoles are used to manage installed operating systems and hypervisors.
Section 4	Connectivity
4.1	Describe how to configure the internal Fibre Channel switch module to access and configure SAN switches.
4.2	Describe how to configure the internal LAN switch module to access and configure network switches.
Section 5	Virtualization
5.1	Describe the Hitachi Compute Blade server-virtualization technology.
5.2	Describe how to configure Hitachi Compute Blade servers to run Hitachi virtualization.
5.3	Describe how to configure the Logical Partitioning Manager environment parameters.
5.4	Describe how to configure logical partitions (LPARs) on Hitachi Compute Blade servers using Hitachi Compute Systems Manager and blade chassis.
Section 6	Operating System Implementation
6.1	Describe how to configure the Fibre Channel BIOS on physical and logical host bus adapters.
6.2	Describe how to access the guest operating system console and monitor the logical-partitioning environment.
6.3	Describe the tasks that relate to installing an operating system on Hitachi servers and LPARs.
6.4	Describe how to install and configure the VMware ESXi hypervisor on Hitachi servers.
Section 7	Supporting Hitachi Server Solutions
7.1	Identify documentation and tools provided by Hitachi Vantara for configuring, deploying and maintaining Hitachi server solutions.
7.2	Demonstrate ability to troubleshoot Hitachi server implementation issues.



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