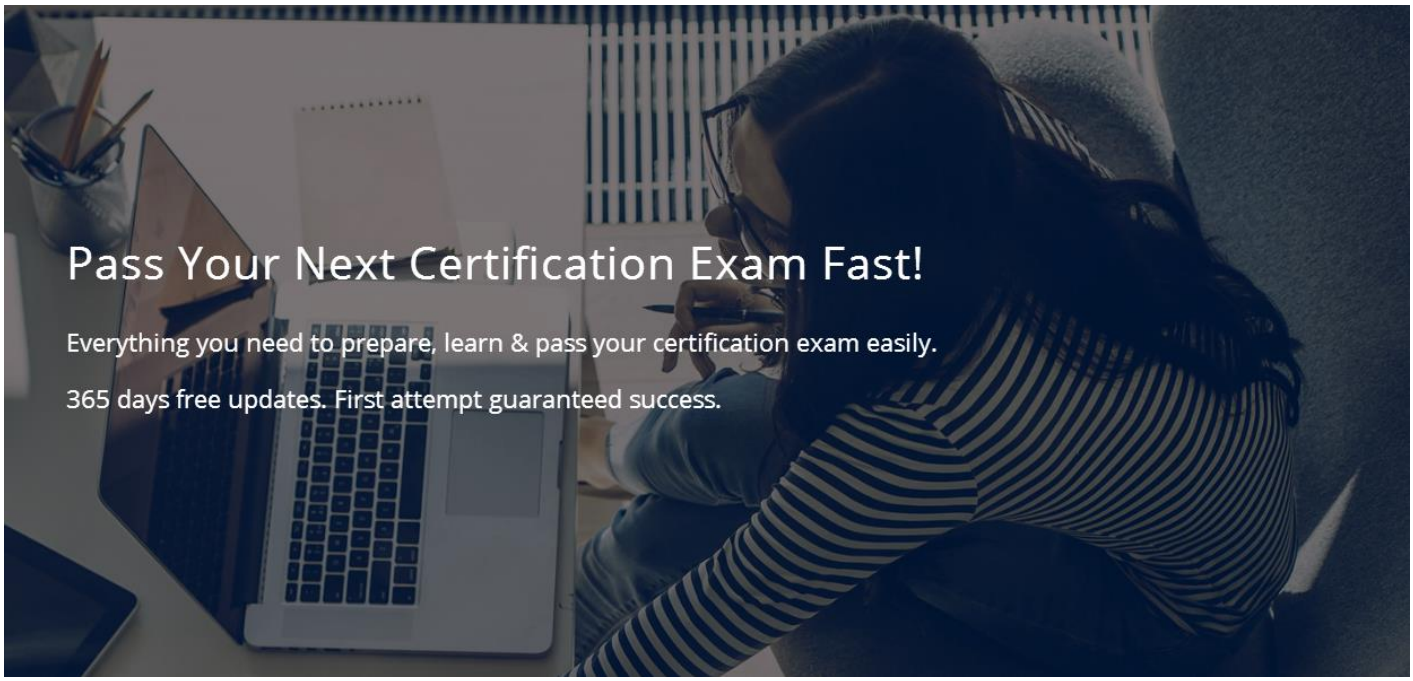
UpdateDumps



Choose the version that fits your needs	PDF Version	Desktop Test Engine	Online Test Engine
Latest and Up-to-Date exam dumps with real exam questions answers.	✓	✓	✓
Get 12-Months free updates without any extra charges.	✓	✓	✓
Experience same exam environment before appearing in the certification exam.	✗	✓	✓
100% exam passing guarante in the first attempt.	✓	✓	✓
20% discount on more than one license and 30% discount on 5+ license purchases.	✗	✓	✓
100% secure purchase on SSL.	✓	✓	✓
Completely private purchase without sharing your personal info with anyone.	✓	✓	✓

Exam : **HQT-4160**

Title : Hitachi Vantara Qualified Professional - VSP 5000 Series Installation

Vendor : Hitachi

Version : DEMO

NO.1 How many Channel Boards (CHBs) can be installed in a VSP 5600 with two CBX?
A. 8
B. 12
C. 16
D. 24
Answer: C
Explanation:
In a VSP 5600 system configured with two Controller Boxes (CBXs), you can install up to 16 Channel Boards (CHBs) in total. Each CBX can accommodate up to 8 CHBs, resulting in a combined maximum of 16 CHBs for the system. This configuration allows for scalable host connectivity options, supporting various protocols such as Fibre Channel, iSCSI, and FICON.

NO.2 A customer wants to upgrade a diskless VSP 5100 to a VSP 5500. Which three types of components will be added during the upgrade? (Choose three.)
A. Controllers (CTLs)
B. Hitachi Interconnect Edges (HIEs)
C. Channel Boards (CHBs)
D. Hitachi Service and Network Box (HSNBX)
E. Interconnect Switches (ISWs)
Answer: A,C,E

NO.3 The process of 'sparing' in VSP 5000 storage systems is designed to:
A. Serve as a backup for the storage management software
B. Provide additional storage for user data
C. Automatically replace failing drives to prevent data loss
D. Increase the processing power of the storage controllers
Answer: C

NO.4 Which two manuals should be used when troubleshooting on a VSP 5000 system? (Choose two.)
A. Troubleshooting manual
B. Service Guide
C. Installation manual
D. Maintenance manual
Answer: AD
Explanation:
Troubleshooting manual
This manual provides detailed procedures and steps for diagnosing and resolving issues on the VSP 5000 system.
Maintenance manual
The Maintenance manual contains instructions and information needed for maintenance activities, including troubleshooting steps and part replacement guidance.

NO.5 A customer wants to upgrade a diskless VSP 5100 to a VSP 5500. Which three types of

components will be added during the upgrade? (Choose three.)

A. Controllers (CTLs)

B. Interconnect Switches (ISWs)

C. Channel Boards (CHBs)

D. Hitachi Interconnect Edges (HIEs)

E. Hitachi Service and Network Box (HSNBX)

Answer: ABC

Explanation:

Controllers (CTLs)

Upgrading from a two-controller (2N) VSP 5100 to a four-controller (4N) VSP 5500 requires adding two additional controller blades, doubling the total from two to four to deliver the higher I/O and cache capacity of the 5500.

Interconnect Switches (ISWs)

The VSP 5500 introduces external PCIe "node interconnect switches" - 1 U switch chassis that provide the high-speed fabric and management links between controller pairs. These ISW modules must be added to interconnect the expanded controller set in a 4-node configuration.

Channel Boards (CHBs)

Each new controller requires its own set of front-end channel boards for host connectivity. When you add two controllers, you also add their associated CHBs (FC, iSCSI, FICON, etc.) to furnish the additional host ports on the VSP 5500.

NO.6 Which two components are different between VSP 5500 and VSP 5600 systems? (Choose two.)

A. Interconnect Switch (ISW)

B. Controller Board

C. Hitachi Interconnect Edge (HIE)

D. DKC Power Supply (DKCPS)

Answer: BD

Explanation:

Controller Board

The VSP 5600 controllers use upgraded blades featuring dual 10-core Cascade Lake CPUs and two Compression Accelerator Modules per controller, hardware not present on the VSP 5500 controllers, delivering significantly higher processing and ADR offload capabilities.

DKC Power Supply (DKCPS)

A non-disruptive Data-in-Place upgrade from VSP 5500 to VSP 5600 requires swapping each VSP 5500's DKCPS units for the VSP 5600-specified power supplies, as the newer models use a different PSU design.