

Integrating Protected HPE Storage Solutions

Exam description

This exam tests your ability to deploy, integrate, troubleshoot, and manage storage solutions that meet your customer's business requirements across physical, virtual, and cloud infrastructure, including workloads for information serving, protection, retention and analytics.

Ideal candidate for this exam

Typical candidates for this exam are presales IT professionals with a minimum of one to three years experience interpreting customer requirements to install, configure and manage HPE storage solutions. Students should be prepared to use critical thinking skills to optimize and resolve storage solution integration issues.

Exam contents

This exam has 70 questions. Here are types of questions to expect:

- Multiple choice (multiple responses), scenario based
- Multiple choice (single response), scenario based
- Matching
- Multiple choice (multiple responses)
- Multiple choice (single response)
- Pull down menu selection
- Point and click

Advice to help you take this exam

- Complete the training and review all course materials and documents before you take the exam.
- Use HPE Press study guides and additional reference materials; study guides, practice tests, and HPE books.
- Exam items are based on expected knowledge acquired from job experience, an expected level of industry standard knowledge, or other prerequisites (events, supplemental materials, etc.).
- Successful completion of the course or study materials alone, does not ensure you will pass the exam.

Objectives

This exam validates that you can:

Exam ID	HPE0-J50
Exam type	Proctored
Exam duration	1 hour 45 minutes
Exam length	70 questions
Passing score	70%
Delivery languages	English

Register for this Exam

You need an HPE Learner ID and a Pearson VUE login and password.

No reference material is allowed at the testing site. This exam may contain beta test items for experimental purposes.

During the exam, you can make comments about the exam items. We welcome these comments as part of our continuous improvement process.

Percentage of Exam	Sections/Objectives
9%	Plan and design HPE storage solutions <ul style="list-style-type: none"> Assess customer requirements Perform design validation
43%	Install, configure, and set up HPE storage solutions <ul style="list-style-type: none"> Plan a solution installation based on a proposed design Inspect for proper power, rack space, and cooling Install designed solution following best practices Prepare solution for customer use Configure storage according to the solution design Perform tests to verify the solution works as designed Hand over installed HPE solution to the customer
30%	Manage, Monitor, and Maintain Storage Solutions <ul style="list-style-type: none"> Establish a performance baseline from customer application requirements Test performance and collect metrics on configurations and solutions based on customer SLA requirements Use management tools to monitor the customer environment. Deploy and configure additional software tools in customer environment Optimize the solution according to changing workloads and customer requirements Determine whether software/firmware versions are current and supported in customer environment Perform updates and lifecycle management operations on systems and solutions in customer environment Perform health checks on solution deployments in customer environments Perform required knowledge transfers and hands-on training
14%	Troubleshoot HPE Storage Solutions <ul style="list-style-type: none"> Identify system issues and failures Create and implement an action plan to resolve the issue/failure Implement preventive measures
4%	Identify upsell opportunities <ul style="list-style-type: none"> Discover gaps in existing customer environment Determine the cause of the gaps in the customer environment Refer any opportunities to the appropriate contact

Sample questions

Sample questions are provided only as examples of question style, format and complexity/difficulty. They do not represent all question types and do not reflect all topic areas. These sample questions do not represent a practice test.

1. A storage integrator is validating that the appropriate category of SSD drive has been chosen to meet a target workload. Which design specification should be evaluated?
 - a. SSD Endurance
 - b. Media wear out
 - c. SSD form factor
 - d. Cost per gigabyte
2. Which documentation contains pre-installation requirements, preparation steps, specifications, cabling requirements, and installation steps?
 - a. Product Bulletin
 - b. Support Matrix
 - c. Quick Start Guide
 - d. Release Notes
3. What is the common operating temperature range for the HPE 3PAR StoreServ products?
 - a. 0° to 35° C (32° to 95° F)
 - b. -5° to 40° C (23° to 104° F)
 - c. 10° to 50° C (50° to 122° F)
 - d. 5° to 40° C (41° to 104° F)

4. A manufacturing company has a virtualized environment based on VMware vSphere. They also have some physical servers for their Oracle database applications, their MS Exchange messaging system, and different file servers. Their storage environment is based on HPE 3PAR StoreServ system. They have now purchased an HPE StoreOnce backup system and the integrator is in the process of installing and configuring the device.
- According to best practice guidelines, how many target devices should be configured to maximize compression ratio?
- The number of target devices does not impact compression ratio
 - 1 or 2
 - 3 or 4
 - More than 4 target devices
5. A storage integrator wants to see a list of commands available for establishing a performance baseline for a StoreServ storage system. Which CLI command can the integrator use for this?
- help stat
 - show statistics
 - get-command stat
 - help statistics
6. During the startup of an HPE StoreOnce backup system the fabric ports do not show up as active. All fabric cables are attached to the HPE StoreOnce backup system and to the customer's SAN. What would be causing this problem?
- The SAN Switch is not configured for Access Gateway Mode.
 - The HPE StoreOnce fabric cable is not connected to the correct SAN switch ports.
 - The SAN switch has NPIV enabled on the ports connected to the HPE StoreOnce.
 - The HPE StoreOnce backup device HBA is only licensed for the SAN switch fabric.
7. A 3PAR customer needs to make sure all of their hosts are added to the 3PAR. What is the recommended procedure to add hosts?
- From the 3PAR CLI, use the command `tpdhostagent-start`.
 - Use Host Explorer on the hosts with supported OS.
 - Add all hosts in a cluster as separate hosts.
 - Add the names in the 3PAR host list.
8. A storage integrator is evaluating an existing customer environment. What are two core architectures in the HPE Storage strategy? (Select two.)
- Adaptive
 - Composable
 - System defined
 - Converged defined
 - Software defined

Answers

This section provides answers to and references for the sample questions.

1. A storage integrator is validating that the appropriate category of SSD drive has been chosen to meet a target workload. Which design specification should be evaluated?
- a. SSD Endurance
- Media wear out
 - SSD form factor
 - Cost per gigabyte
2. Which documentation contains pre-installation requirements, preparation steps, specifications, cabling requirements, and installation steps?
- Product Bulletin

b. Support Matrix

c. Quick Start Guide

d. Release Notes

3. What is the common operating temperature range for the HPE 3PAR StoreServ products?

a. 0° to 35° C (32° to 95° F)

b. -5° to 40° C (23° to 104° F)

c. 10° to 50° C (50° to 122° F)

d. 5° to 40° C (41° to 104° F)

4. A manufacturing company has a virtualized environment based on VMware vSphere. They also have some physical servers for their Oracle database applications, their MS Exchange messaging system, and different file servers. Their storage environment is based on HPE 3PAR StoreServ system. They have now purchased an HPE StoreOnce backup system and the integrator is in the process of installing and configuring the device.

According to best practice guidelines, how many target devices should be configured to maximize compression ratio?

a. The number of target devices does not impact compression ratio

b. 1 or 2

c. 3 or 4

d. More than 4 target devices

5. A storage integrator wants to see a list of commands available for establishing a performance baseline for a StoreServ storage system. Which CLI command can the integrator use for this?

a. help stat

b. show statistics

c. get-command stat

d. help statistics

6. During the startup of an HPE StoreOnce backup system the fabric ports do not show up as active. All fabric cables are attached to the HPE StoreOnce backup system and to the customer's SAN. What would be causing this problem?

a. The SAN Switch is not configured for Access Gateway Mode.

b. The HPE StoreOnce fabric cable is not connected to the correct SAN switch ports.

c. The SAN switch has NPIV enabled on the ports connected to the HPE StoreOnce.

d. The HPE StoreOnce backup device HBA is only licensed for the SAN switch fabric.

7. A 3PAR customer needs to make sure all of their hosts are added to the 3PAR. What is the recommended procedure to add hosts?

a. From the 3PAR CLI, use the command `tpdhostagent-start`.

b. Use Host Explorer on the hosts with supported OS.

c. Add all hosts in a cluster as separate hosts.

d. Add the names in the 3PAR host list.

8. A storage integrator is evaluating an existing customer environment. What are two core architectures in the HPE Storage strategy? (Select two.)

a. Adaptive

b. Composable

c. System defined

d. Converged defined

e. Software defined

For more information

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