Hewlett Packard Enterprise

Designing Multi-Site HPE Storage Solutions

Exam description

This Master ASE level exam tests knowledge and skills required for Storage Architects and Storage Consultants. The exam tests the ability to design and deliver a complete and supported multi-site, multi-array and/or complex storage solution that meets customer requirements.

Exam ID	HPE0-J58
Exam type	Proctored
Exam duration	2 hours
Exam length	60 questions
Passing score	66%
Delivery languages	English, Japanese

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.

Ideal candidate for this exam

The ideal candidate has a minimum of five years hands-on experience in managing, designing, architecting, and presenting multi-site and/or multi-array storage solutions. The candidate demonstrates analytical, presentation, and communication skills, and an understanding of customer business needs and challenges. The candidate effectively communicates with all personnel levels, including CxO level executives, to translate customer business needs and map them to appropriate HPE solutions.

Exam contents

This exam has 60 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)
- Drag-and-drop
- Pull down menu selection

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:

Percentage of Exam	Sections/Objectives
10%	Describe, evaluate, and apply advanced storage architectures and technologies • Describe technologies and typical use cases for SAN technologies related to multi-site solutions • Describe technologies and typical use cases for multi-site storage network management • Evaluate and recommend advanced backup systems technology • Describe technologies and typical use cases for multi-site data protection and business continuity • Describe technologies and typical use cases for unified block, file, and object storage architecture for multi-site solutions
25%	Describe and evaluate HPE Storage portfolio and associated service offerings and apply to complex customer use cases • Describe the HPE enterprise storage strategy for multi-site and multi-array solutions • Given a set of business requirements, position HPE Storage solutions for complex storage configurations • Identify and recommend HPE storage tools and resources to address complex storage configurations
10%	Present the strengths of the HPE storage portfolio relative to market and competitive trends • Evaluate the storage market and identify the strengths of HPE Storage Solutions in multi-site and/or multi-vendor environments • Illustrate how HPE Storage solutions provide a differentiated competitive advantage and business value in multi-site and/or multi-vendor environments
35%	Plan and design complex HPE Storage solutions • Recognize opportunities and identify customer requirements for multi-site and/or complex storage solutions • Given a scenario, size multi-site and/or complex storage solutions • Given a scenario, plan and design multi-site and/or complex storage solutions • Given a scenario, develop a proposal with business value statement and bill of materials • Present multi-site and/or complex solutions to the customer
5%	Validate the installation, configuration, and setup of complex HPE Storage solutions • validate data replication and transparent failover features specific to 3PAR and Nimble • validate HPE integrations and recommended performance tuning (RAs) for specific hypervisors and applications • Configure an HPE storage solution for a multi-vendor environment
5%	Performance-tune, optimize, and upgrade HPE storage solutions • Identify and compare the existing solution design to the best-practices documentation • Recommend performance-tuning optimizations to the storage solution
5%	Troubleshooting multi-site or complex HPE Storage solutions • Identify system issues and failures in HPE Storage solutions • Create and propose an action plan to resolve the issue/failure in a HPE storage solution • Recommend preventative measures on HPE storage solutions
5%	Manage, monitor, administer, and operate multi-site or complex HPE storage solutions • Manage and administer storage in an HPE Storage solution • Manage and administer data protection (backup and replication) in an HPE Storage solution • Manage and administer FC and IP storage network in an HPE Storage solution • Develop and manage customer's policy for compliance in an HPE Storage solution • Test and Implement a site failover and recovery plan in response to an outage

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 customer wants to take advantage of ISL Trunking within their B-series SN6000B switch configuration. They have ordered the necessary trunking license to allow the forming of trunks in their configuration. They inform you that they have in-flight encryption enabled.

   What do you need to consider for this customer?
   a. Trunking is disabled by default, it must be enabled before the trunk can be activated
   b. Place the trunking capable switches at the edge of the fabric
   c. Trunking license must be installed on the principal switch
   d. No more than two ports on one ASIC can be configured with encryption

2. A customer has a multi-vendor storage environment with Oracle and SQL both running on VMware.

   They need application consistent online backups using tapes

   Which solution should you recommend?
   a. Data Protector
   b. RMC-V
   c. RMC-O
   d. RMC-S

3. A customer has recently fallen victim to a ransomware attack against their file serving environment.

What should you recommend to help them protect and recover data from any future attacks?

a. Configure synchronous array replication

b. Create SAN based snapshots

c. Configure streaming asynchronous array replication

d. Setup a firewall rule to block all traffic on port 445

Answers

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

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For more information

Contact our program