

Advanced HPE Edge-to-Cloud Solutions Written Exam

Exam description

This exam validates a presales architect's ability to translate business requirements from a customer into a complex, (eg. multi-site, or highly-customized integration) HPE solution considering all available consumption models and hosting locations. The architect is able to interpret customer requirements with a consultative approach and drive discussions about business outcomes and financial implications of the solution.

Ideal candidate for this exam

The ideal candidate has an HPE Master ASE Storage or Compute certification and at least five years of experience designing complex solutions for Enterprise customers. They can scope and architect solutions for the full edge-to-cloud experience, including all of the following HPE technologies: Cloud Services, Compute, Storage, Networking, and Services. They are HPE partners and employees in a presales architect or consulting role who plan and design complex HPE solutions.

Exam contents

This exam has 50 questions. Here are types of questions to expect:

- Multiple choice (multiple responses), scenario based
- Multiple choice (single response), scenario based
- Multiple choice (multiple responses)
- Multiple choice (single response)

Advice to help you take this exam

- Complete the training and review all course materials and documents before you take the exam.
- 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.

HPE Continuous Learning Badges are dynamic in nature, with frequent updates. HPE is diligent about keeping the exam aligned to the requirements but there may be a delay. HPE3 exams include a free second attempt to accommodate this scenario

Objectives

This exam validates that you can:

Exam ID	HPE8-M03
Exam type	Proctored
Exam duration	1 hour 30 minutes
Exam length	50 questions
Passing score	65%
Delivery languages	English

Register for this Exam

First-time users: Learn how to access, schedule, and take an exam through the HPE credential management platform.

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
10%	Describe, differentiate, and apply IT industry trends, standard architectures, technologies, and cloud delivery models. <ul style="list-style-type: none"> • Identify and position business benefits/value and risks/costs associated with cloud implementations. • Understand complex workloads and their characteristics/differentiators as they relate to optimizing for price, performance, and availability • Describe, contrast and differentiate compute, storage and network architectures and how to select and optimize for specific customer workloads • Understand business continuity including environmental factors
20%	Gather and analyze customer business and technical requirements <ul style="list-style-type: none"> • Identify key customer business, technical and system requirements and outcomes • Identify and collect key metrics for existing infrastructure and application performance
15%	Recommend and position HPE offerings for customer use cases <ul style="list-style-type: none"> • Position and differentiate the HPE security offerings in the context of a hybrid infrastructure • Given a customer use case, differentiate and position an HPE GreenLake solution • Identify and use appropriate information resources and tools • Describe when to use Traditional HPE models, HPE GreenLake Core models, GLCS models, and hybrid models for each part of a solution. • Differentiate and articulate how HPE offerings provide the customer business value and an advantage in their industry. • Given a customer use case, differentiate and position a traditional HPE Solution • Given a customer use case, differentiate and position a hybrid HPE Solution
30%	Architect and design an HPE solution based on customer needs <ul style="list-style-type: none"> • Given a customer workload/business requirement, select the appropriate delivery model or models • Given a set of desired business outcomes, design and architect a traditional HPE solution • Plan and design a complex HPE GreenLake offering. • Size, review, and validate an HPE GreenLake proposal. • Plan & Design a GLPC offering • Size, review, and validate a proposal for a traditional HPE solution
10%	Present and Demonstrate the solution to the customer and coordinate implementation planning <ul style="list-style-type: none"> • Present the solution with its business and financial impact on the customer
15%	Demonstrate an understanding of ongoing Enhancements (upgrade, migrate, optimize, etc.) <ul style="list-style-type: none"> • Compare the existing architecture and capabilities to the proposed changes and correlate them to the customer's requirements. • Propose a design that upgrades or expands the solution, factoring in non-technology components to services

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. Your customer requires an HPE X86 Mission Critical system that meets the following criteria:

- The system must be configured as two separate partitions - the first with eight sockets and the second with four sockets.
- Both partitions must be populated with 28-core, 2.2 GHz Cascade Lake CPUs.
- The first partition must be configured with 3TB RAM and 4TB persistent memory, making sure that some DIMM slots are left empty for future expansion.
- The second partition must be configured with 6TB RAM.

What must be considered?

- HPE Persistent Memory cannot be mixed with DRAM in the same partition.
- AppDirect Persistent Memory type is interleaved across Persistent Memory modules populated on the same CPU.
- 6 Persistent Memory modules and 12 DIMMs are supported on a single channel within the partition.
- 1 Persistent Memory module and 12 DIMMs are supported on a single channel across two partitions.

Answers

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

1. Your customer requires an HPE X86 Mission Critical system that meets the following criteria:

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- d. 1 Persistent Memory module and 12 DIMMs are supported on a single channel across two partitions.

References

MASE E2C Student Guide: Module 3 Introduction to HPE Persistent Memory, Persistent Memory terminology, and HPE Superdome flex nPartitions

For more information

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Information is as of August 2024, Revision 1