Advanced HPE Edge-to-Cloud Solutions

Exam description

This exam validates a presales architect's ability to translate business requirements from a customer into complex, multi-site, or highly-customized integration of HPE solutions 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

Ideal candidates have at least five years experience designing complex solutions for Enterprise customers. They can scope and architect solutions for the full edge-to-cloud service experience, including all of the following HPE technologies: Cloud Services, Compute, Storage, Networking, and Services. Candidates 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:
- Other – See the Objectives section below for a description of each type of question used.

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.).
- Review the list of expected tasks. You must have hands-on familiarity with the listed tools, as well as related tools used by Master-level architects.
- Successful completion of the course or study materials alone does not ensure you will pass the exam.
- A panel of subject matter experts determined the range of possible responses to each practical task to allow for as many outcomes and responses that meet the requirements. Your responses must fall within the range of possible responses to earn credit for each practical task.
- You may print or email your score report when you are finished with the exam. If you fail the exam, you must wait 30 days before you can take it again.

Exam ID	HPE1-H04
Exam type	Practical
Exam duration	4 hours
Exam length	50 questions
Passing score	59%
Delivery languages	English

Register for this Exam
Complete these steps before registering for the Advanced HPE Edge-to-Cloud Solutions practical exam

1. We strongly recommend that you use the **Print this page** button (printer icon) in the upper right corner of this page for a comprehensive explanation of what you need to know and do prior to taking this practical exam.
2. Review the **Advanced HPE Edge-to-Cloud Solutions Practical Exam Instruction Guide** for information about the exam/lab environment.
3. During registration, you are responsible for completing the system test on the same computer you will use to take the exam.
4. Review and complete the **sample test and walkthrough**.
5. Review the **Practical Exam Rules** to ensure understanding of acceptable/unacceptable materials within the candidate's reach and behaviors that could result in termination of the exam.
6. Review the complete HPE Partner Ready Certification and Learning **Candidate Agreement**. **You are fully responsible for adhering to all HPE testing policies.**
7. Read and understand the **HPE Exam Security Agreement**, found under the Security Questions section when you register.

Additional study materials
- Advanced HPE Edge-to-Cloud Solutions – Self-Directed Lab
- Advanced HPE Edge-to-Cloud Solutions – Lab Recordings
- Advanced HPE Edge-to-Cloud Solutions Practice Exam
- HPE Master ASE – Edge-to-Cloud Architect Study Guide

Objectives

The Advanced HPE Edge-to-Cloud Solutions practical exam has:

33 DOMC (discrete option multiple choice questions
13 DOMC with lab access questions
4 hands-on/practical tasks.

For the four hands-on/practical tasks, you will be given a list of business and technical requirements. Your score will reflect how well you meet the requirements. Read the requirements VERY carefully.

·   The tasks build on each other.
·   Everything is graded at the end of the testing session (tasks and test questions.)
·   The tasks and objectives are mapped to the objectives listed below.

In the practical tasks, you will be required to design and architect a traditional HPE solution, and size, review, and validate a proposal for a traditional HPE solution. You will also be required to administrate and monitor data protection (backup and replication) in an HPE Storage solution.

You may be asked to:

- Identify:

  Intel or AMD CPUs that meet customer specification
  Memory (RAM) and persistent memory that meets customer specifications
  Riser kits needed to meet customer specification
  Aruba switches that meet customer specification
  Transceivers that meet customer specification
  Cables that meet customer specification
- Design:

  An HPE Superdome Flex solution based on a customer scenario
  An HPE SimpliVity solution based on a customer scenario using the HPE SimpliVity Sizing Tool
  A Scality solution based on a customer scenario using the HPE sizing tool for Scalable Object Storage with Scality RING

You MUST perform these tasks using the correct naming conventions and processes.

Each practical item/part of the scenario has a different scoring process. Some will be scored only on end-state and will NOT offer partial scoring or care about the process used to reach that end-state. Others will have partial scoring depending on how much is accomplished and how it is done. Read the instructions for each [item/part of the scenario] CAREFULLY to ensure you are using the appropriate process (if defined) and the correct names, as automated scoring can be dependent on naming schemas.

A panel of subject matter experts determined the range of possible responses to each practical task to allow for as many outcomes and responses that meet the requirements. Your responses must fall within the range of possible responses to earn credit for each practical task.

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This exam validates that you have competence in each objective listed below.

Percentage of Exam	Sections/Objectives
10%	Describe, differentiate, and apply IT industry trends, standard architectures, technologies, and cloud delivery models. • 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 • 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 • 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 • 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 and 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 • Present the solution with its business and financial impact on the customer.
15%	Ongoing enhancements (upgrade, migrate, optimize, etc.) • 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.

For more information

Contact our program

Information is as of April 2025, Revision 7