

Delta – Advanced HPE Edge-to-Cloud Solutions (Compute or Storage)

Exam description

This delta 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 the HPE Master ASE Storage or Compute certification and at least five years 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 13 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 and consultants.
- 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 should save your report by clicking on Print to pdf or email your score report before exiting the environment. You cannot return to the environment later to retrieve your score report. If you fail the exam, you must wait 30 days before you can take it again.

Additional study materials

- Advanced HPE Edge-to-Cloud Solutions – Self-Directed Lab
- Advanced HPE Edge-to-Cloud Solutions – Lab Recordings
- HPE Master ASE – Edge-to-Cloud Architect Study Guide

Objectives

Exam ID	HPE5-H53
Exam type	Practical
Exam duration	4 hours
Exam length	13 questions
Passing score	59%
Delivery languages	English

Register for this Exam

Complete these steps before registering for the Delta Advanced HPE Edge-to-Cloud Solutions practical exam:

1. We strongly recommend that you **convert this page into a PDF file** and save it using the printer icon in the upper right corner of this page, as it offers a comprehensive explanation of what you need to know and do prior to taking this practical exam.
2. Read carefully the **Practical Exam Instruction Guide** for detailed information about the exam/lab environment. Prior to taking the practical exam, make sure to understand what materials within your reach are allowed and which behaviors are acceptable/unacceptable and could result in the termination of the exam.
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 complete HPE Partner Ready Certification and Learning **Candidate Agreement**. You are fully responsible for **adhering to all HPE testing policies**.
6. Review and understand the **HPE Exam Security Agreement**, found in the **Security Questions** section when you register.

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

- 10 DOMC with lab access questions
- 3 hands-on/practical tasks

For the three 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 may be asked to:

Compare existing architecture and capabilities to the proposed changes and correlate them to the customer's requirements.

Describe when to use Traditional HPE models, HPE GreenLake Core models, GLCS models, and hybrid models for each part of a solution.

Describe, contrast and differentiate compute, storage and network architectures and how to select and optimize for specific customer workloads.

Describe, differentiate, and apply IT industry trends, standard architectures, technologies, and cloud delivery models.

Differentiate and articulate:

- How HPE offerings provide the customer business value and an advantage in their industry.

Differentiate and position:

- An HPE GreenLake solution.
- A hybrid HPE solution.
- A traditional HPE solution.
- HPE security offerings in the context of a hybrid infrastructure.

Gather and analyze customer business and technical requirements

Identify and collect key metrics for existing infrastructure and application performance.

Identify and position business benefits/value and risks/costs associated with cloud implementations.

Identify and use appropriate information resources and tools.

Identify key customer business, technical and system requirements and outcomes.

Describe ongoing enhancements (upgrade, migrate, optimize, etc.)

Position and differentiate the HPE security offerings in the context of a hybrid infrastructure.

Present and demonstrate a solution to the customer and coordinate implementation planning

Present a solution with its business and financial impact on the customer.

Propose a design that upgrades or expands the solution, factoring in non-technology components to services.

Explain business continuity including environmental factors.

Describe and evaluate complex workloads and their characteristics/differentiators as they relate to optimizing for price, performance, and availability.

These tools are available in the exam environment:

- Advanced HPE Edge-to-Cloud Exam
- HPE Primera CLI
- HPE Product Bulletin
- Iris
- Postman
- NinjaSTARS
- Iometer

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

Each hands-on/practical item has a specific scoring process. Some tasks will be scored based on successful completion of the task. Other tasks will be scored depending on meeting more than one required condition. In each case, you cannot earn partial credit—each practical task is pass/fail. Read the instructions for each task CAREFULLY to ensure you are using the appropriate process and correct names, as automated scoring can be dependent upon naming schemas.

Note that you may NOT go back to a question once you submit your answer for that question. This is true for DOMC, DOMC with lab access questions, and hands-on/practical items.

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%	<p>Describe, differentiate, and apply IT industry trends, standard architectures, technologies, and cloud delivery models.</p> <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%	<p>Gather and analyze customer business and technical requirements</p> <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%	<p>Recommend and position HPE offerings for customer use cases</p> <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%	<p>Architect and design an HPE solution based on customer needs</p> <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%	<p>Present and Demonstrate the solution to the customer and coordinate implementation planning</p> <ul style="list-style-type: none">• Present the solution with its business and financial impact on the customer
15%	<p>Ongoing Enhancements (upgrade, migrate, optimize, etc.)</p> <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

For more information

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