

Advanced HPE Edge-to-Cloud Solutions

Exam description

This HPE Master ASE level 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.

Updates to this exam went live on July 1, 2024. See Release Notes for details. Exam translations are generally available 8 weeks after an exam update. Contact exam.inquiries@hpe.com for details.

Ideal candidate for this exam

Ideal candidates have at least five years of experience in 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 team members 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
- Use additional study materials such as [HPE Press study guides](#) and reference materials
- 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.)
- Exam items are not limited to course or study materials
- You must have hands-on familiarity with the tools listed below, 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
- Keep track of the exam timer while exploring the customer environment. The timer is displayed in the exam window and not the customer environment
- You will receive zero score for any practical task that is not completed with 100% accuracy – there is no partial scoring
- Take your time and refer to the practical task scenario often to review the requirements
- Only do what is required in the practical task scenario. Do not configure or remove any additional features
- You are not expected to troubleshoot alerts on hardware unless it is in the scenario instructions. Alerts and warnings are typical
- Everything you need to pass the exam is in the test environment. Refer to the requirements of the scenario if in doubt

You should save your score report before exiting the environment. You cannot return to the environment later to retrieve your score report.

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

Register for this Exam

Complete these steps before registering for the Advanced HPE Edge to Cloud 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. You are responsible for completing the system test on the same computer you will use to take the exam. Review and complete the **test of your system**.
4. View the **Exam Experience Video** to ensure you understand the end-to-end steps and environment.
5. Review the complete HPE 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.

[Click here to view exam security and retake policies.](#)

What to Expect with Discrete Option Multiple Choice (DOMC) exams:

This exam uses the DOMC question format. It is quite different than traditional multiple choice exams. It is designed to increase exam fairness, to protect exam integrity, your exam scores and your time.

How is DOMC different?

- Instead of presenting all the answer options together at one time, DOMC questions present answer options one at a time, at random
- When an answer option is presented, you select either Yes or No to indicate if the option is correct or not. This process repeats until the question concludes
- You may see more than one correct option
- You may receive as few as one option for each test question or several options
- Once you move forward, you may not go back and change your response to a previous option

We created an HPE sample test to help you practice using this DOMC test format. During registration, you will be asked to confirm that you have completed the HPE DOMC sample test and understand how this exam will perform.

Become acquainted with DOMC:

[HPE DOMC sample test](#)

[DOMC FAQs](#)

Be sure to complete the supporting resources and review all materials and documents before you take the exam. Successful completion of the supporting resources alone does not ensure you will pass the exam.

Read the entire question and consider all options before you answer. If the question includes an exhibit, study the exhibit and read the question again. Select the answer that fully responds to the question. If the question asks for more than one answer, select all correct answers. There is no partial credit.

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.

- Take your time and go back to the question stem/instruction OFTEN to review the requirements.
- ONLY do what is required. Do not configure or remove any additional features.
- You are NOT expected to troubleshoot alerts on hardware unless it's in the task/scenario. Alerts or warnings are typical.
- Everything you need to pass the exam is in the test environment. Refer to the task/scenario if in doubt.
- 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

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.

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.

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 and design an HPE GreenLake Private Cloud 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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