

# Advanced HPE Compute Architect Written Exam

## Exam description

This exam validates your expertise in designing and implementing compute solutions to help customers achieve their business outcomes across various use cases and workloads. It verifies your understanding of how complexity and scale influence customer needs and demonstrates your ability to serve as a trusted advisor.

## Ideal candidate for this exam

Ideal candidates must have at least five years of experience designing and/or implementing complex infrastructure solutions for large-scale workloads that meet customer business outcomes. They should understand installation and optimization tools and serve as a trusted advisor/liaison. This experience includes architecting, implementing, automating, orchestrating, and managing servers and their infrastructure to optimize resiliency, availability, performance, and manageability of hosted workloads.

## 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)

## 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

## Exam preparation resources

- HPE Master ASE – Compute Architect and Integrator Study Guide

## Objectives

This exam validates that you can:

<b>Exam ID</b>	HPE7-S01
<b>Exam type</b>	Proctored
<b>Exam duration</b>	1 hour 30 minutes
<b>Exam length</b>	60 questions
<b>Passing score</b>	70%
<b>Delivery languages</b>	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
38%	1. Explain HPE compute AI and HPC solution components and architecture: <ul style="list-style-type: none"> <li>- Detail the hardware architecture of HPE AI and HPC solutions, including NVIDIA components.</li> <li>- Detail the software components of HPE Private Cloud AI with NVIDIA, explaining the usage and benefits of each.</li> </ul>
50%	2. Design HPE solutions with a focus on AI and HPC workloads: <ul style="list-style-type: none"> <li>- Gather customer requirements and analyze their existing environment.</li> <li>- Given a scenario, size and configure an AI or HPC solution, including attaching the appropriate services.</li> <li>- Present a validated solution design and explain how it meets a customer's business and technical needs.</li> <li>- Design HPE solutions to interoperate with HPE and third-party virtualization and container platforms.</li> </ul>
2%	3. Manage implementation and startup of HPE AI and HPC solutions: <ul style="list-style-type: none"> <li>- Manage Customer Intent Documentation (CID) process to ensure the installation of the solution achieves the customer requirements.</li> </ul>
10%	4. Demonstrate AI Solutions: <ul style="list-style-type: none"> <li>- Demonstrate HPE AI Essentials and NVIDIA AI Enterprise.</li> </ul>

# For more information

Contact our program

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