



HPE Edge-to-Cloud Solutions, Rev. 24.31 (0001209041)

H61X1S

Course ID	H61X1S
Duration	5 days
Format	ILT, VILT
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HPE Edge-to-Cloud Solutions is 50% lectures and 50% hands-on activities. Course topics include how to plan and design HPE solutions, including software-defined, containers, and data protection solutions. It also covers how to plan and design compute, storage, and networking elements of a solution.

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Audience

Ideal candidates are solutions architects, field engineers, consultants, and systems engineers with one of the following:

- Three years of experience in design and/or operational experience or equivalent in at least one of the core HPE areas (server, storage, and networking)
- Six months of experience in design and/or operational experience or equivalent in other HPE solutions and technologies

Prerequisites

Before attending this course, you should hold the HPE ATP – Hybrid Cloud certification.

Course objectives

After completing this course, you should be able to:

- Describe, differentiate, and apply industry-standard infrastructure, cloud architectures, and technologies

- Gather and analyze customer business and technical requirements
- Recommend and position HPE offerings (solutions, products, and services) for customer use cases
- Architect and design an HPE and/or ISV solution to achieve customer business outcomes
- Explain how the solution proposal meets the customer business outcomes

Certifications and related exams

Selected items from this course are included in the HPE Edge-to-Cloud Solutions Exam ID: HPE0-V27.

This course satisfies the prerequisite for Advanced HPE Edge-to-Cloud Solutions, Rev. 24.31 (0001209042).

Detailed course outline

HPE Value Proposition

- Classify and position HPE portfolio solutions, based on customer use cases
- Locate and examine HPE resources, tools, and services
- Summarize architecting methodology

Planning and Designing Compute Elements of an HPE Solution

- Position and summarize the components of the HPE Synergy platform and Virtual Connect
- Describe and differentiate the HPE Edgeline portfolio options
- Describe and differentiate the HPE Moonshot portfolio options

Planning and Designing Networking Elements of an HPE Solution

- Position ethernet networking elements of a solution, differentiate their features, and plan and design ethernet networking elements of a solution
- Position SAN networking elements of a solution, differentiate their features, and plan and design SAN networking elements of a solution

Planning and Designing Storage Elements of an HPE Solution

- Position and make recommendations from the HPE Storage portfolio and explain ideal use cases
- Compare and describe building blocks and features, management and monitoring options, and capabilities of HPE Alletra 5000, 6000, and 9000
- Differentiate and explain the HPE SimpliVity product family, building blocks, concepts and technologies, and networking options
- Evaluate and describe HPE GreenLake for Storage offerings, HPE GreenLake data management tools, and customer benefits
- Plan and size an HPE Alletra 5000, 6000, 9000, and/or HPE SimpliVity solution

Planning and Designing a Software-defined Storage Solution

- Describe the current market and position the HPE software-defined storage portfolio
- Differentiate and recommend the HPE Apollo 4000 platforms used for SDS solutions
- Differentiate and recommend products and features of SDS solutions
- Plan and size SDS solutions

Planning and Designing a Containers Solution

- Examine and describe the background of container technology
- Plan and design HPE Storage solutions for containers and Kubernetes
- Recommend HPE GreenLake for Containers and describe its benefits

Planning and Designing a Data Protection Solution

- Distinguish and describe data protection terms and methods
- Differentiate and recommend HPE StoreOnce hardware, features, and licensing options
- Differentiate and recommend HPE StoreEver hardware, features, and licensing options
- Plan a data protection strategy

Integrating Data Protection Software and Services

- Differentiate and recommend HPE data protection portfolio solutions
- Differentiate and describe partner data protection software offerings and how they integrate with HPE solutions
- Explain HPE GreenLake for Data Protection integrations and options
- Summarize data protection options for containers

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