

# HPE Edge-to-Cloud Solutions, Rev. 24.31

## Course description

This course teaches you how to plan and design HPE solutions, including software-defined, containers and data protection solutions. You will learn how to also plan and design compute, storage, and networking elements of a solution. This five-day class includes lectures and lab activities in the ratio of approximately 50/50.

## Ideal candidate for this course

Typical candidates for this course are Solutions Architects, Field Engineers, Consultants, and Systems Engineers with:

- 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), or
- Six months of experience in design and/or operational experience or equivalent in other HPE solutions and technologies

<b>Course ID</b>	0001209041
<b>Course format, Typical duration</b>	<b>Select one:</b> VILT - Virtual Instructor Led, 5 days ILT - Instructor Led, 5 days
<b>Skill level</b>	Intermediate
<b>Delivery languages</b>	English
<b>Lab required</b>	Yes
<b>In preparation for these exams</b>	Selected items from this course are included in these exams: <ul style="list-style-type: none"> <li>• <a href="#">HPE Edge-to-Cloud Solutions</a></li> </ul>

[Register for this course.](#)

Find this course offering in the Training calendar. Click "Register" to take the course in The Learning Center. Login and Password required.

## Suggested prerequisites

The prerequisites for this certification is HPE ATP - Hybrid Cloud

## Topics

- **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 the building blocks and features, the management and monitoring options, and the 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
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  - 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

## Objectives

After you successfully complete this course, expect to 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

## How to register

View the [Certification and Learning Global Training Calendar](#) to register for the training offerings that best meets your needs.

## Policies, fees and cancellations

Course fees may vary. Fees are established and collected by the training center that delivers the course. Cancellation fees may apply. Contact your HPE Authorized Training Partner for their respective policies.

## For more information

[Contact our program](#)

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