

HPE Edge-to-Cloud Solutions, Rev. 25.11

Course description

This 5-day course teaches you how to recommend and position HPE solutions based on HPE technologies and industry-standard workloads related to optimizing for performance and/or availability. Hands-on activities will guide you through design exercises using skills such as information gathering and analyzing customer business and technical requirements. You will learn to plan and design the software-defined, containers, data protection, private cloud AI, compute, storage, and networking elements of a solution. The training includes lectures and lab activities in the ratio of approximately 50/50 (lectures/activities).

Updates to the certification exam and course are live since March 17, 2025. See [release notes](#) for additional information.

Ideal candidate for this course

Typical candidates are HPE partners, customers, and team members in a presales architect or consulting role who plan and design complex HPE solutions. They can interpret customer requirements with a consultative approach, and drive discussions about the business outcomes and financial implications of the solution.

Suggested prerequisites

The prerequisite for this certification is HPE ATP – Hybrid Cloud

Roles that will benefit from this course are:

- Solutions Architects
- Field Engineers
- Presales Technical Consultants
- Systems Engineers

Topics

• HPE value proposition

Classify and position HPE portfolio solutions, based on customer use cases

- HPE Alletra Storage Server 4000
- HPE Alletra dHCI
- HPE StoreOnce
- HPE SimpliVity
- HPE MSA Gen7
- HPE Zerto
- HPE Alletra Storage MP B10000
- HPE GreenLake Flex Solution built for SAP HANA
- HPE GreenLake for Databases
- HPE Apollo 4000
- HPE Ezmeral Data Fabric
- HPE Ezmeral Runtime Enterprise
- HPE Complete partner solutions (Commvault, Veeam)

Locate and examine HPE resources, tools, and services

- HPE GreenLake

Course ID	0001209041
Course format, Typical duration	Select one: VILT – Virtual Instructor Led, 5 days ILT – Instructor Led, 5 days
Skill level	Intermediate (INT)
Delivery languages	English
Lab required	Yes
Related certifications	<ul style="list-style-type: none"> • HPE ASE – Edge-to-Cloud Architect • HPE ATP – Hybrid Cloud
In preparation for these exams	Selected items from this course are included in these exams: <ul style="list-style-type: none"> • HPE Edge-to-Cloud Solutions

[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.

- HPE GreenLake DSCC and Data Ops Manager

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

- HPE ProLiant MicroServer Gen11
- HPE ProLiant Gen11 tower servers
- HPE ProLiant DL145 Gen11
- HPE EdgeLine

- **Planning and designing networking elements of an HPE solution**

Describe how HPE Networking provides connectivity between HPE Storage and HPE Servers

Position Ethernet networking elements of a solution, differentiate their features, and plan and design Ethernet networking elements of a solution

- HPE Aruba CX 4100i
- HPE Aruba CX 6000
- HPE Aruba CX 6100
- HPE Aruba CX 6200
- HPE Aruba CX 5420
- HPE Aruba CX 6300
- HPE Aruba CX 6300L
- HPE Aruba CX 6400
- HPE Aruba CX 8100
- HPE Aruba CX 8325
- HPE Aruba CX 8360
- HPE Aruba CX 8400
- HPE Aruba CX 9300
- HPE Aruba CX 9300S
- HPE Aruba CX 10000
- HPE StoreFabric M-series switches

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

- HPE StoreFabric B-series switches
- HPE StoreFabric C-series switches

- **Planning and designing storage elements of an HPE solution**

Position and make recommendations from the HPE Storage portfolio, and explain ideal use cases

- HPE Apollo 4000 family
- HPE Alletra Storage Server 4000 family
- HPE Alletra Storage MP X10000

Compare and describe the building blocks and features, the management and monitoring options, and the capabilities of HPE Alletra Storage MP B10000

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 Storage MP B10000, and/or an 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 and HPE Alletra Storage Server 4000 platforms used for SDS solutions

- HPE Apollo 4000 family
- HPE Alletra Storage Server 4110
- HPE Alletra Storage Server 4120
- HPE Alletra Storage Server 4140

Differentiate and recommend products and features of SDS solutions

- HPE ProLiant DL320 Gen11
- HPE ProLiant DL325 Gen11
- HPE ProLiant DL345 Gen11

- HPE ProLiant DL380 Gen11
- HPE Alletra Storage Server 4120
- HPE Alletra Storage MP X10000
- HPE Ezmeral Data Fabric

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
- **Planning and designing a data protection solution**
 - 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
 - HPE Zerto
 - Summarize data protection options for containers
- **Planning and designing a private cloud solution**
 - Describe the evolution of virtualization
 - Compare HPE virtualization solutions
 - HPE VM Essentials
 - Plan and design the HPE GreenLake for Private Cloud Enterprise service
 - HPE GreenLake for Private Cloud Enterprise Disconnected
 - Plan and design the HPE GreenLake for Private Cloud Business Edition solution
 - Describe the HPE Private Cloud AI solution

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

Click on this link to register for this course: <https://certification-learning.hpe.com/tr/TrainingCalendar?excludePartners=false&CourseId=0001209041>

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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