

HPE Edge-to-Cloud Solutions, Rev. 26.21

Course description

This five-day course teaches you how to plan and design HPE Edge-to-Cloud and GreenLake solutions based on HPE technologies and industry-standard workloads focused on optimizing performance and/or availability. Hands-on activities will guide you through design exercises, including information gathering and analyzing customer business and technical requirements. You will learn to recommend and position GreenLake, as well as compute, storage, network solutions, tools, and appropriate services tailored to customer use cases and workloads.

Ideal candidate for this course

Typical candidates are HPE partners, customers, and employees in a presales architect or consulting role who plan and design complex HPE solutions.

Topics

• HPE Value Proposition

- Classify workloads and applications, position HPE portfolio solutions, and break down architecting methodology:
 - Workloads supported by HPE solutions
 - Architecting methodology
- Analyze GreenLake architecture to explain its consumption model and partner benefits, and determine how HPE Private Cloud solutions align within it:
 - Offering, value, and benefits
 - GreenLake Mapbook
 - Consumption models
 - HPE Private Cloud Business Edition
 - HPE Private Cloud Enterprise
 - HPE Private Cloud AI
 - AI-optimized scalable hardware
 - Architecture
- Locate and use HPE tools and resources:
 - HPE QuickSpecs and HPE Product Bulletin
 - HPE Support Center
 - HPE Tech Accelerator
 - HPE SPOCK
 - HPE Ninja Online
 - HPE Power Advisor
 - HPE Products & Solutions Now and HPE Seismic
 - HPE CloudPhysics
 - HPE One Config Advanced
 - HPE Tech Pro
 - HPE Juniper Networking resources

Course ID	0001215454
Course format, Typical duration	Select one: ILT - Instructor Led, 5 days VLT - Virtual Instructor Led, 5 days
Skill level	Intermediate (INT)
Delivery languages	English
Lab required	No
Related certifications	<ul style="list-style-type: none"> • HPE ASE - Edge-to-Cloud Architect • HPE ATP - Hybrid Cloud (inactive on July 01, 2026) • HPE ATP - Edge-to-cloud architect (coming soon)
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.

- Present a solution to a customer
 - Planning a solution for your customer
 - HPE demonstration resources
- **HPE Compute Solutions**
 - Examine HPE Compute infrastructure architectures:
 - Overview of the HPE Compute Portfolio (HPE ProLiant ML/DL, HPE Synergy, HPE Compute Scale-Up Server 3200 and HPE Superdome Flex/280, HPE ProLiant XD and HPE Cray XD, and HPE Edgeline)
 - Management options for HPE Compute solutions (HPE COM, OneView, iLO)
 - Security options, including HPE iLO 7 and Secure Enclave
 - Recommend appropriate solutions to support both high-performance computing and AI use cases:
 - Overview of the HPE HPC and AI Portfolio (HPE Cray, HPE Compute XD, HPE ProLiant XD)
 - HPE Slingshot
 - HPE HPC Software solutions
 - Analyze the components of the HPE Synergy platform and HPE Virtual Connect
- **HPE Storage Solutions**
 - Analyze storage infrastructure architectures:
 - Storage networking and connectivity
 - Ports and port types
 - SAN topologies (single-switch fabric, cascaded fabric, ring fabric, meshed fabric, and core-edge fabric)
 - Examine the HPE Storage product portfolio:
 - HPE B-series SAN portfolio
 - HPE C-series SAN portfolio
 - HPE H-Series Ethernet switches
 - HPE M-Series Ethernet switches
 - HPE Storage Tape drives and library
 - Plan and size HPE Storage solutions:
 - HPE SimpliVity
 - GreenLake for storage
 - HPE Alletra Storage MP B10000
 - Examine the HPE software-defined storage portfolio and current market:
 - HPE Alletra Storage Server 4000 portfolio (HPE Alletra Storage Server 4210, HPE Alletra Storage Server 4120, and HPE Alletra Storage Server 4140)
 - Differentiate and recommend products and features of SDS solutions
 - HPE Alletra Storage MP X10000
 - HPE Data Fabric Software
- **HPE Networking Solutions**
 - Articulate basic networking technologies and concepts
 - Networking concepts
 - AOS-CX concepts
 - Describe the HPE Networking Portfolio
 - HPE Aruba Networking CX Portfolio
 - HPE Aruba Networking Central
 - HPE Comware-based switches

- HPE Juniper Networking portfolio
- HPE Juniper Mist AI
- Explain networking security and secure management protocols
- SSH
- AAA
- RBAC
- **HPE Data Protection Solutions**
 - Explain the HPE Compute management portfolio
 - HPE OneView
 - Articulate the benefits of the iLO management processor
 - Recognize GreenLake management tools
 - HPE Compute Ops Management
 - HPE Data Services Cloud Console
- **Integrating Software and Services Components into the Solution**
 - Recognize the fundamental concepts and components of virtual and containerized workloads
 - Outline the features, components, and benefits of HPE Morpheus VM Essentials Software
- **HPE Private Cloud Solutions**
 - Describe GreenLake basics
 - Outline HPE Private Cloud Solutions
 - Overview of the HPE Private Cloud Portfolio
 - HPE Private Cloud Business Edition
 - HPE Alletra dHCI
 - HPE Morpheus VM Essentials Software
 - HPE Morpheus Enterprise Software introduction
 - HPE OpsRamp Software introduction
 - HPE Private Cloud AI introduction
 - HPE Zerto Software introduction
 - Cloud Vault
 - Identify management options for HPE Private Cloud solutions
- **HPE Services**
 - Explain the HPE Services proposition
 - HPE Advisory and Professional Services
 - HPE Education Services
 - HPE Financial Services
 - HPE Managed Services
 - HPE Support Services
 - Summarize the HPE Juniper Networking support services
- **Building a solution**
 - Plan the compute, networking, storage, and data protection components of an HPE Solution

Objectives

After you successfully complete this course, expect to be able to:

- Describe, differentiate, and apply IT industry trends, standard architectures, technologies, and cloud delivery models
- Gather and analyze customer business and technical requirements
- Recommend and position HPE solutions offerings for customer use cases
- Architect and design HPE solutions based on customer needs
- Differentiate and explain HPE management options and services to support HPE solutions

How to register

Click on this link to register for this course: <https://certification-learning.hpe.com/tr/TrainingCalendar?excludePartners=false&CourseId=0001215454>

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

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