



Navigating the Journey to Cloud H1L34S

The navigating the journey to cloud course prepares the participant to identify, describe, and position the HPE Helion cloud solution offerings, to evaluate high-level customer requirements and recommend the best solution, and to demonstrate the key benefits and functionality of the HPE Helion cloud technologies. Furthermore, this course provides the participant an insight in HPE's idea economy strategy with an emphasis on Hybrid IT, based on cloud computing.

Navigating the Journey to Cloud

Price USD \$1,800

Links to local schedules, pricing and registration [US/Canada](#)
[Mexico/Latin America](#)
[Brazil](#)

HP course # H1L34S

Category Cloud

Duration 2 days

Audience

Anyone who needs to learn how to describe, position, recommend, and demonstrate HPE Helion cloud solutions to meet a customer's requirements.

The participant should have a foundational knowledge of the individual HPE components, including HPE servers, storage, networking, IT operations, software, security, and services.

Prerequisites

For specific prerequisites and requirements to achieve any of the related certifications, see the certification description on the HPE Partner Ready Certification and Learning website.

Course objectives

After completing this course, you should be able to do the following:

- Provide valid arguments why customers with traditional, siloed IT infrastructures should be moving toward a Cloud
- Explain the fundamentals of cloud computing
- List and describe the different ways of achieving infrastructure convergence and moving toward a service-centric, cloud-enabled environment
- Explain how HPE can enable customer journey to the four transformation areas
 - Describe what HPE Helion is, where it fits in the overall IT landscape, and what it can do for you

- Help a customer determine their place on the journey to the cloud
- Recommend the right HPE ConvergedSystem or CloudSystem solution based on high-level customer requirements
- Explain HPE cloud maps and reference architectures
- Describe the cloud market landscape, explain how HPE Helion cloud computing solutions achieve positive business outcomes, and highlight the strengths of these solutions
- Describe how incorporating infrastructure management tools from HPE, namely HPE OneView converged and HPE Insight Control server provisioning (ICsp) enables agile IT operations

Course outline

Module 1: Transforming to an idea economy strategy

- Describe the new trend in IT by transforming to the idea economy strategy. HPE sees the customer's journey to the idea economy strategy through four transformation areas. They can help IT transform into a value creator, helping contain costs by running their traditional IT efficiently, while creating the outcomes your customer wants for their business. The four transformation areas are discussed in this module.

Module 2: Creating on-demand IT infrastructure

- Describe the journey to hybrid infrastructure and on-demand IT and determine a customer's place on this journey.
- Describe how a customer can move along this journey and build solutions:
 - Using the piece-by-piece approach with Hewlett Packard Enterprise (HPE) reference architectures
 - Using pre-built, pre-tested, and pre-integrated ConvergedSystems.
- List and explain sizer, selector, and configuration tools available from HPE.
- Explain the customer intent document and its purpose.

Module 3: Moving to cloud computing

- Make the argument for customers with traditional IT to move toward Converged Infrastructure, cloud, and on-demand IT.
- Describe the key benefits of private, public, and hybrid cloud deployment models.
- Explain how the Hewlett Packard Enterprise (HPE) Helion portfolio can benefit customers.
- Summarize the service and deployment models of Helion cloud services.

Module 4: OpenStack Fundamentals

- Discuss why customers look for open-source and cloud solutions and explain how the OpenStack software can provide benefits.
- Provide an overview of OpenStack and its core technologies.
- Name specific features of OpenStack projects, components, and services.
- Describe the cloud storage types of OpenStack.
- Discuss how Hewlett Packard Enterprise (HPE) contributes to OpenStack projects.

Module 5: A Closer look at infrastructure management

- Explain how Converged Infrastructure solutions can help customers enable agile IT operations
- Describe the benefits of Hewlett Packard Enterprise (HPE) OneView.
- List the latest advancements provided with HPE OneView 2.0.

Identify the benefits of:

- HPE OneView for Microsoft System Center
- HPE OneView for VMware® vCenter™
- HPE Insight Control server provisioning

Learn more

hpe.com/us/training/cloud

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