

# Cloud Computing Foundation

Course code: HL973S

Many businesses and enterprises have embarked on a transformation journey to become more efficient, innovative and competitive. This transformation journey is from traditional, on-premise IT to a more service-focused, agile, and elastic environment called the cloud. This course covers foundational topics related to the cloud, including the disruptive waves and opportunities in today's economy, cloud definition and benefits, and the steps to plan and transform your enterprise into an on-demand infrastructure. Experienced HPE instructors also share expert opinion on cloud opportunities, as well as the technologies, solutions, and services provided by cloud models to help the journey.

## Who is the course for

This course is intended for anyone who has a limited knowledge of cloud technologies and wants to learn more about cloud fundamentals, vendor-neutral technologies such as OpenStack®, and HPE cloud solutions.

## What we teach you

Describe the major trends in today's economy that are changing business and IT, including what it takes to enable your enterprise for digital transformation

Explain the problems with traditional IT infrastructures and introduce the benefits and advantages of cloud computing

List and describe both pros and cons associated with cloud computing

Define major terms and concepts used with the cloud

Define and position the functional cloud reference architecture

Introduce OpenStack® technology

Explain how to develop a successful cloud strategy

Describe the HPE approach to cloud computing

## Required skills

None

## Course outline

Module 0: Course Introduction

Module 1: Enabling Enterprises for Digital Transformation

Module 2: Moving to Cloud Computing

Module 3: Defining Cloud Computing

Module 4: Understanding the Functional Cloud Reference Architecture

Module 5: Introducing OpenStack®

Module 6: Forming a Cloud Strategy

Module 7: Executing Your Cloud Strategy

Module 8: HPE's Approach to the Cloud

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