Hewlett Packard Enterprise

Cloud Foundations HK922S

This 2-day course provides students with a firm grounding on Cloud computing, understanding of what it is and how it relates to their own businesses.

HPE course number	HK922S
Course length	2 days
Delivery mode	ILT
View schedule, local pricing, and register	**View now**
View related courses	**View now**

Why HPE Education Services?

- IDC MarketScape leader 4 years running for IT education and training*
- Recognized by IDC for leading with global coverage, unmatched technical expertise, and targeted education consulting services*
- Key partnerships with industry leaders OpenStack®, VMware®, Linux®, Microsoft®, ITIL, PMI, CSA, and (ISC)[2]
- Complete continuum of training delivery options—self-paced eLearning, custom education consulting, traditional classroom, video on-demand instruction, live virtual instructor-led with hands-on lab, dedicated onsite training
- Simplified purchase option with HPE Training Credits

*Realize Technology Value with Training, IDC Infographic 2037, Sponsored by HPE, January 2016

Audience

- Senior IT Managers
- Decision Makers
- Head of IT Architecture and/or Operation Department
- Anyone with interest in understanding Cloud and Cloud solutions better

Prerequisites

HPE recommends that students have attained the following credentials or levels of experience before taking this course:

- Basic experience and knowledge of IT computing environments

Course objectives

At the conclusion of this course, you should be able to:

- Describe how IT should change in today's evolutionary context
- Describe how the Cloud will change today's IT
- Explain Public and Private of cloud
- Describe the unprecedented sourcing model introduced by the Cloud
- Explain enabling technologies
- Discuss Cloud and (new) Service Level Mgmt
- Discuss how to approach and evaluate a Cloud Business Case
- Describe Cloud and risk management
- Explain how HPE approaches the Cloud

Benefits to you

- Understand how the Cloud will change today's IT
- Be able to describe the different deployment models
- Understand the sourcing model introduced by the Cloud
- Be able to evaluate a Cloud business case and risk management
- Understand how the Cloud may impact your organization and roles that may need to be defined/re-defined
- Presentations and valuable discussions

Detailed course outline

Module 1: Course Overview	
Module 2: About the cloud	• Business strategy & IT – Business shaping forces – IT evolutionary model – Business Technology landscape – How ICT will serve the business – IT Challenges • The Cloud role – Optimize vs Innovate – Cloud Myths and reality – What Cloud actually is – Effect of the Cloud on IT – Cloud architectural principles – Cloud requirements • Sourcing model – Cloud Service Delivery – (Cloud) User/Provider relationships – User/Provider points of view – Service Delivery models – *aaS definitions and examples • Cloud taxonomy – Deployment models – Public Cloud: definitions and implications – Private Cloud: definitions and implications – Community Cloud: definitions and implications – Hybrid Cloud: definitions and implications – The renewed ICT model: risks vs benefits – ICT needs: how to try • Enabling Technologies – CI principles – Automation – Transformation of operational processes – CI example

Module 3: Inside the Cloud	• Service Level management – Requirements met by the Cloud – New Service Governance – User vs Provider relationships – ITIL and Cloud • Business case – Business case evaluation criteria – Business outcomes examples – Business case – exercise – Impacts on business – Impacts on ICT • Risk management – Cloud risks vs benefits – Cloud specific vulnerabilities • HPE approach – HPE strategy to the Cloud – HPE Value proposition – Roadmap to the Cloud

Next steps

- ITIL V3 training from HPE
- Authorized VMware Training from HPE
- Virtualization courses from HPE
- Storage courses from HPE

Learn more at
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