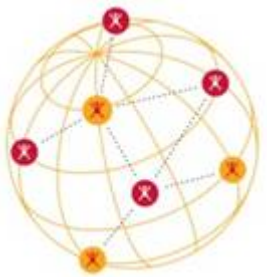

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ENG-107 - Cloud Computing & Virtualization for Managers

Description

This course is also available as a live distance learning course

Cloud computing and virtualization are often presented as ways to optimize computing/IT resources. How is this done?

Participants to this 2-day course will obtain a general understanding of the key concepts, technologies, features and tools of cloud computing and virtualization, and of the associated issues and benefits for enterprises and organizations.
Objectives

- Gain an overview of cloud computing and virtualization
- Learn about the underlying technologies of cloud computing and virtualization
- Understand the potential issues and benefits of these technologies and services to enterprises and organizations

Topics
*Note: the course structure may be subject to change as trainings are updated on a regular basis.

Part 1 – Cloud computing

Introduction to cloud computing

- Definition
- Components of the cloud
- Types and architectures of clouds
- Services delivered from the cloud
- Vendor cloud products

Adopting the cloud

- Drivers
- Issues and barriers

Software as a Service (SaaS)

- Characteristics
- Services
- Technologies

Platform as a Service (PaaS)
- Technical components
- Vendor platforms
- Cloud storage

Infrastructure as a Service (IaaS)
- Technologies
- Access

Migrating to the cloud
- Business case
- Business continuity management
- Technical considerations

Part 2 - Virtualization

Virtualization - a key enabling technology for cloud computingIntroduction to virtualization
- History
- Definition
- Concepts

Demonstration of virtualization
- Creating a virtual machine

Uses of virtualization
- Current and future uses
- Main functionalities
- Issues with virtualization
- Key benefits

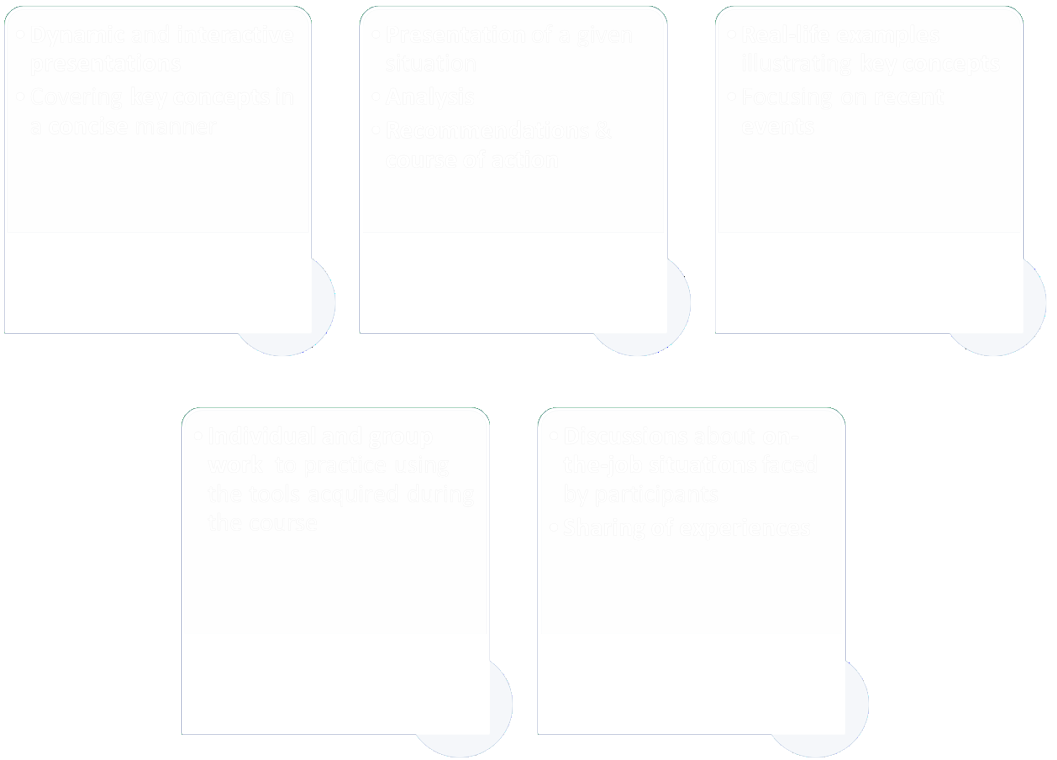
Technical aspects
- Virtualization theory
- Software virtualization techniques
- Hardware virtualization assists

Overview of virtualization products
Target Audience

- Telecommunications, contact center and IT managers seeking to exploit the benefits of cloud computing and virtualization technologies
- Professionals who need an understanding of cloud computing and virtualization and how these technologies work

Methodology

A combination of engaging activities and dynamic presentations to stimulate and maximize participants' learning.



Location

A selection of Neotelis' training courses is held in various cities around the world. Please contact us at training@neotelis.com for the complete Yearly Training Calendar.

Neotelis can also deliver in-house sessions of this course specifically for your organization. Please contact us at training@neotelis.com for more information and a Proposal.

About Neotelis

Neotelis provides training, consulting, conferences and publications to the telecommunications industry worldwide. Its team of senior experts has trained thousands of executives and managers working for operators, regulators, policy-makers and governments in over 120 countries around the world.

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