

Cloud deployment

A 5 day **Hands on** training course



Description

This course covers the important topics every cloud professional needs, including, configuration and deployment, security, maintenance, management, and troubleshooting. It covers all aspects of cloud computing infrastructure and administration, with a practical focus on real-world skills. It will help you to master the fundamental concepts, terminology, and characteristics of cloud computing. Deploy and implement cloud solutions, manage the infrastructure, and monitor performance. You will also be able to install, configure, and manage virtual machines.



Key outcomes

By the end of the course delegates will ready for:

- ✓ Cloud services, models, and characteristics.
- ✓ Virtualization components, installation, and configuration.
- ✓ Infrastructure configurations and optimization.
- ✓ Resource management and specific allocations.
- ✓ IT security concepts, tools, and best practices.
- ✓ Recovery, availability and continuity in the cloud.



Training approach

This structured course uses Instructor Led Training to provide the best possible learning experience. Small class sizes ensure students benefit from our engaging and interactive style of teaching with delegates encouraged to ask questions throughout the course. Quizzes follow each major section allowing checking of learning. Hands on sessions are used throughout to allow delegates to consolidate their new skills.



Details

Who will benefit?

IT professionals looking to deploy and implement cloud solutions, manage the infrastructure, and monitor performance, Install, configure, and manage virtual machines.






Prerequisites

Introduction to virtualization

Duration: 5 days

Overall rating:



Generic training 	Small class sizes 	Hands On training 	Our courseware 	Customise your course 
<p>Generic training compliments product specific courses covering the complete picture of all relevant devices including the protocols "on the wire".</p> <p><i>"Friendly environment with expert teaching that teaches the why before the how."</i> G.C. Fasthosts</p>	<p>We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.</p> <p><i>"Excellent course. The small class size was a great benefit..."</i> M.B. IBM</p>	<p>The majority of our courses use hands on sessions to reinforce the theory.</p> <p><i>"Not many courses have practice added to it. Normally just the theoretical stuff is covered."</i> J.W. Vodafone</p>	<p>We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text.</p> <p><i>"Comprehensive materials that made the course easy to follow and will be used as a reference point."</i> V.B. Rockwell Collins</p>	<p>Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.</p> <p><i>"I was very impressed by the combination of practical and theory. Very informative. Friendly approachable environment, lots of hands on."</i> S.R. Qinetiq</p>

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Course content

Preparing to Deploy Cloud Solutions

Deploying a Pilot Project

Testing Pilot Project Deployments

Designing a Secure and Compliant Cloud Infrastructure

Designing and Implementing a Secure Cloud Environment

Planning Identity and Access Management for Cloud Deployments

Determining CPU and Memory Sizing for Cloud Deployments

Determining Storage Requirements for Cloud Deployments

Analysing Workload Characteristics to Ensure Successful Migration

Maintaining Cloud Systems

Implementing Backup, Restore, Disaster Recovery, and Business Continuity Measures

Analysing Cloud Systems for Performance

Analysing Cloud Systems for Anomalies and Growth Forecasting

Troubleshooting Deployment, Capacity, Automation, and Orchestration Issues

Troubleshooting Connectivity Issues

Troubleshooting Security Issues

What our customers say

"Absolutely brilliant, very knowledgeable and helpful trainer would recommend to teach anyone. Kept me interested 100% of the time which is very impressive as this does not happen often, if at all!"

O. B. Network Rail

"The best technical course I've been on!."

L. W. Fujitsu Telecoms Europe

"Very well thought out and structured course. Would recommend 100%. Lots of equipment, good quality."

A.R. Unipart

"Course content is interesting. Relevant to current systems and presented well."

S.S-T. Arqiva

