

Essential cloud technologies

A 2 day **Hands on** training course



Description

This course provides an introduction to cloud technologies, including, configuration and deployment, security, maintenance, and management. It covers all aspects of cloud computing infrastructure. It will help you to master the fundamental concepts, terminology, and characteristics of cloud computing.



Key outcomes

By the end of the course delegates will be able to:

- ✓ Contrast and compare AWS, GCP and Azure.
- ✓ Explain the different cloud services, models and characteristics.
- ✓ Explain cloud virtualization components and options.
- ✓ Explain cloud security options.
- ✓ Describe cloud automation, orchestration, monitoring and performance options.



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?

Anyone working with or looking to work with cloud technologies.






Prerequisites

None.

Duration: 2 days

Overall rating:



Generic training 	Small class sizes 	Hands On training 	Our courseware 	Customise your course 
<p>Generic training complements product specific courses covering the complete picture of all relevant devices including the protocols "on the wire".</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>The majority of our courses use hands on sessions to reinforce the theory.</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>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>"Friendly environment with expert teaching that teaches the why before the how."</i> G.C. Fasthosts</p>	<p><i>"Excellent course. The small class size was a great benefit..."</i> M.B. IBM</p>	<p><i>"Not many courses have practice added to it. Normally just the theoretical stuff is covered."</i> J.W. Vodafone</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><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

What is the cloud?

- The Internet
- Cloud computing
- Benefits
- Disadvantages

Cloud services

- IaaS,
- PaaS,
- SaaS,
- others.

Cloud service providers

- AWS,
- GCP
- Microsoft Azure,
- others

Cloud architectures

- Private,
- public,
- hybrid
- others
- Cloud based delivery

The cloud and virtualization

- Virtual Machines,
- networks,
- storage,
- deployment.

Accessing the Virtual Machines

Secure cloud environments

- Security considerations.
- Data privacy considerations

Automation and orchestration

Monitoring and performance

- Performance
- Cost issues
- Cost containment.

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

