JAMES COOK INSTITUTE

ICDL Insights – Cloud Computing

COURSE DURATION
8 Hrs

MODE OF TRAINING
Classroom

With the increased awareness and use of cloud computing solutions across the world, there is an increasing interest by PMETs to fully understand what infrastructure is required to deploy a cloud computing solution as well as have an in-depth knowledge of the technical aspects of the set up and the intricacies for deploying the solution in an organization.

Course Objectives

• This course will provide learners with the technical understanding of the Cloud Computing architecture as well as the different services associated with Cloud Computing. It also provides learners with the different deployment models that is possible for cloud computing. This course is suitable for professionals, managers, executives and technicians who are keen to have an in-depth knowledge of the various protocols that is available within the Cloud architecture and the solutions that can be implemented.

Who Is This Course For

• Professionals, Managers, Executives, Technicians

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Course Content

1. What Is Cloud Computing
Define the term Cloud Computing
Identify the origins of cloud computing
Identify Cloud computing's key services: Infrastructure as a Service (IaaS), Platform as a Service (PaaS) and Software as a Service (SaaS)

2. Infrastructure As A Service (IaaS)
Identify the components of IaaS
Identify common examples of IaaS solutions
Identify the benefits of IaaS
Identify the limitations of IaaS

3. Platform As A Service (PaaS)
Identify the components of PaaS
Identify common examples of PaaS solutions
Identify the benefits of PaaS
Identify the limitations of PaaS

4. Software As A Service (SaaS)
Identify the components of SaaS
Identify common examples of SaaS solutions
Identify the benefits of SaaS
Identify the limitations of SaaS

5. Serverless Functions As A Service (FaaS)
Identify the features and purpose of a serverless solution
Identify common examples of serverless solutions

6. Deployment Models
Identify the features of private cloud models
Identify the features of public cloud models
Identify the features of community cloud models
Identify the features of hybrid cloud models

7. Adoption
Identify key challenges to adoption of cloud computing in an organisation
Consider appropriate services and models for a given scenario

FULL FEE

$400

(Subject to 9% GST)

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