



CERTIFICATE IN CLOUD COMPUTING

Overview

The course presents a top-down view of cloud computing, from applications and administration to programming and infrastructure. Its main focus is on parallel programming techniques for cloud computing and large scale distributed systems which form the cloud infrastructure. The topics include: overview of cloud computing, cloud systems, parallel processing in the cloud, distributed storage systems, virtualization, security in the cloud, and multicore operating systems. Students will study state-of-the-art solutions for cloud computing developed by Google, Amazon, Microsoft, Yahoo, VMWare, etc. Students will also apply what they learn in one programming assignment and one project executed over Amazon Web Services.

Course Objective

The following points summarize the objectives of the training.

- Understand Cloud Computing
- Understand Adopting the Cloud
- Understand Software as a Service (SaaS)
- Understand Platform as a Service (PaaS)
- Understand Infrastructure as a Service (IaaS)

Learning Outcome

- Implement Cloud Computing
- Adopt the Cloud
- Manage Software as a Service (SaaS)
- Deliver Platform as a Service (PaaS)
- Deploy Infrastructure as a Service (IaaS)

Who Should Attend

Executive & Managers

Course Content

Day 1

Concepts of Cloud Computing

Day 2

Adopting the Cloud

Day 3

Software as a Service (SaaS)

Day 4

Platform as a Service (PaaS)

Day 5

Infrastructure as a Service (IaaS)

Scoop Exams

Training Activity / Methodology

This program places heavy emphasis on experimental learning and delivered through: Lecture, Role Play, Practical Exercise, Cases Studies, Video Presentation, Training Games and etc.

Contact Details

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