

Introduction to Cloud Computing

Course Summary

Description

You will define cloud computing technology and describe its impact on IT scenario.

Objectives

By the end of this course, students will be able to:

- Identify the pros and cons of the cloud computing technology and determine its impact on businesses.
- Differentiate the currently-available cloud services.
- Differentiate cloud categories and adoption measures.
- Identify risks involved and risk mitigation measures in cloud computing.

Topics

- Introducing Cloud Computing
- Differentiating Cloud Services
- Integrating Cloud Services
- Identifying Risks and Risk Mitigation Measures

Audience

This course is intended for business and IT managers who may need to consider or work within a cloud computing environment.

Prerequisites

To ensure success in this course, basic knowledge of working with computers and familiarization with the core functioning of an organization is highly recommended.

Duration

Half day

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Course Outline

- I. Introducing Cloud Computing**
 - A. Impact of the Cloud on Businesses
 - B. Cloud Computing—An Overview
 - C. Cloud Components
- II. Differentiating Cloud Services**
 - A. Infrastructure as a Service (IaaS)—An Overview
 - B. Platform as a Service (PaaS)—An Overview
 - C. Software as a Service (SaaS)—An Overview
- III. Integrating Cloud Services**
 - A. Categories of Cloud Deployment Models
 - B. Migration to the Cloud
- IV. Identifying Risks and Risk Mitigation Measures**
 - A. Cloud Computing Risks
 - B. Cloud Computing Risk Mitigation Measures