

## Introduction to Cloud Computing

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### Course Summary

#### Description

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

#### Objectives

At 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