

Cloud Computing for Managers / Executives – Lecture Only (2 Days)

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Cloud computing provides a way to increase capacity or add capabilities on the fly without investing in new infrastructure, training new personnel, or licensing new software. Cloud computing allows a subscription-based or pay-per-use service to extend an information technology (IT) group's capabilities in real time, using an intranet or the Internet.

This two-day workshop for executives and managers will provide practical real-world examples, along with two case studies, of how cloud computing can provide benefits, now and in the future, to IT groups pressured to "do more with less."

Prerequisites: None.

Minimum software requirements:
Optional - Open Office or Microsoft Office.

Minimum hardware requirements: Optional - Linux, Mac OS X, or Windows PCs; Internet access.

Microsoft PowerPoint and Internet access on instructor's workstation for presentation purposes.

Day One:

Overview

- What is Cloud Computing?
- Elements of the Cloud
- Benefits of Cloud Computing
- Risks of Cloud Computing
- Build or Buy?
- Cloud Adoption Strategies

Case Study - Executive Approach to Cloud Computing

Day Two:

Inside the Cloud

- Cloud Levels
- Cloud Security
- Service-Oriented Architecture (SOA) and Its Impact on Cloud Computing
- Virtualization and Its Impact on Cloud Computing
- Software As A Service (SAAS) and Its Impact on Cloud Computing
- Clouds and Grids: Are They Compatible?

Case Study: Developer's Approach to Cloud Computing