Course ID
CLOUD-APP
Course Duration
1 day or longer

Course Title
Cloud Computing Application Case Studies

Related Courses

- Cloud Computing Business and Technology Briefing™ (CLOUD-BRIEF, 1 day)
- Cloud Computing Market Briefing (CLOUD-MKT, 1 day)
- Cloud Computing Architecture and Implementation (CLOUD-AI, 3-4 days)
- Cloud Computing Standards and Protocols (CLOUD-STND, 3-5 days)
- Cloud Computing Security (CLOUD-SEC, 3-5 days)
- Cloud Computing End-to-End (CLOUD-E2E, 1 day)

Aimed At

This briefing is suitable for all audiences.

Group Size

5-25

Prerequisites

There are no prerequisites for this course.

Course in a Nutshell

There are four generic case studies available for Cloud Computing. They cover Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS), and Data/Storage as a Service (DaaS). Each case study module in this course is approximately 90 minutes in length and provides a briefing on Cloud Computing covering business and technology aspects. Ask your training consultant about industry specific case studies or about commissioning your own custom application case study.

Customize It!

This briefing can be scheduled as a full day or longer standalone course, the first day of a multi-day course, or as one-hour modules for delivery over the World Wide Web. Any combination of selected modules may also be scheduled for web delivery.

Learn How To

- Sort out the real drivers – the true motivations – for various organizations adopting Cloud Computing
- Describe real Cloud Computing architectures implemented by various organizations and the logic behind the architectures
- Apply subtleties of Procurement, Implementation, Migration, Training and Operations of Cloud Computing based on case studies
- Create reasonable and accurate Return on Investment (RoI) and Total Cost of Ownership (TCO) models for Cloud Computing
- Match expectations to Lessons Learned for real Cloud Computing Case Studies

- Interpret the knowledge listed above for the Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service, and Data/Storage as a Service (DaaS) delivery models.
- Describe the implementation or potential implementation of Cloud Computing in one, two or all delivery models for your organization *(requires customization)*

Course Outline

Application Case Study Introduction

A high level overview of the topic and the briefing.

Infrastructure as a Service (Iaas)

- **Background:** History and case study subject business and market overview.
- **Drivers:** Why did the case study subject make the decisions they made.
- **Architecture:** What is the system design for the case study application?
- **Procurement and Implementation:** How did the case study subject obtain and implement their application?
- **Migration and Training:** How did the case study company move from their old system to their new system and how was training accomplished?
- **Operations:** What are the ongoing operational issues of the case study application?
- **Return On Investment (ROI):** How does the case study company calculate their return on the investment of time and money that they made and how does that match real returns?
- **Total Cost of Ownership (TCO):** Taking into account all possible elements, how much does the application cost?
- **Expectations and Lessons Learned:** What were the expectations at the beginning of the project and what lessons were learned during the project?
- **Looking Ahead:** What are the case study subject's future plans?

Platform as a Service (PaaS)

- Same as for Infrastructure as a Service (IaaS)

Software as a Service (SaaS)

- Same as for Infrastructure as a Service (IaaS)

Data/Storage as a Service (DaaS)

- Same as for Infrastructure as a Service (IaaS)

Application Case Study Review and Summary

A review of the briefing topics and summary of the program.

How You Will Learn

- A seasoned instructor will present this course in interactive lecture format.
- Along with the lecture, we will use exercises to enrich the instruction and drive home the essential points. The course can be optionally taught as a hands-on workshop.
- If you already know something about the subject technology, we will build on that knowledge base. We'll compare and contrast what's familiar with what's new, making the new ideas easier to learn as well as more relevant.
- If your background is less technical, we will use meaningful examples and analogies to simplify the complex subject matter.
- You will receive a printed Participant Handbook which will help you remember and retain what you learned in class and apply it on your job.

Revised *November 2f, 2011*