

**Introduction to Cloud Computing for Managers**

**Course Number:** CLD-120WA  
**Duration:** 1 day

**Overview**

This Cloud Computing for Managers training course gives attendees a tour of modern Cloud Computing. Attendees learn how to move their applications to the Cloud, secure the Cloud, implement best practices, and more.

**Prerequisites**

No prior experience is presumed.

**Materials**

All Cloud Computing training students receive comprehensive courseware.

**Software Needed on Each Student PC**

* Attendees will  need a computer with a modern web browser and SSH client, as well as reliable broadband Internet service.

**Objectives**

* Understand Cloud Computing
* Access Cloud Services
* Manage the scope, releases, and expectations of your customer
* Move applications to the Cloud
* Track finances and billing
* Secure the cloud

**Outline**

* Introduction to Cloud Computing
  + What is cloud computing
  + Pros and cons of Cloud Computing
  + Evolution of Cloud Computing
  + Moving beyond the organization
  + Cloud delivery models overview
  + Business reasons and measurable effects of Cloud Computing
    - Scalability and resiliency
  + Mindset of how the Cloud was built by each vendor
* Operational Transformation
  + Transformation of Managed Services
  + Virtualization
  + Automation
  + Accessing Cloud Services
  + Where is my data located?
  + Using Existing Operational Staff
  + Best Practices
* Deploying Your Cloud
  + Build your own private cloud or use a public cloud?
  + Cloud Infrastructure
  + Managing the Scope, Releases, and expectations of your customer
  + Best Practices
* Moving your Applications to the Cloud
  + Moving your applications to the Cloud
  + Types of applications
  + Characteristics of applications
  + The Cloud Approach to Application Development and Delivery
  + Methodology for application transformation
  + Assessing the applications to move them to the Cloud
  + Best Practices
* Billing and Procurement
  + Capital vs. Operational Expenses
  + Building it as needed
  + Financial Tracking and Billing
  + Legal agreements and contracts
  + Software Licensing
  + The Current Cloud Industry: an overview of the Leading Providers and Integrators
  + Best Practices
* Securing your Cloud
  + Planning and Design
  + Security when automation is the norm
  + Identity Management and Federation
  + Where is my data located?
  + Best Practices
* Conclusion