

**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