



CompTIA® CLOUD Essentials

Course Title: CLOUD Essentials

Delivery Mode: Classroom, Virtual Classroom

Duration: 3 days

Course Description

The Cloud Essentials course is a 3-day, interactive, classroom and hands-on based learning experience. The course provides a balanced curriculum and addresses the business and technical perspectives of cloud computing. It will also explain how to adopt, operate, and govern the cloud. The course enables participants to successfully complete the associated CompTIA Cloud Essentials™ Exam. In addition, the course complements the Virtualization Essentials course, which they can do either before or after they've taken the Cloud Essentials course.

Audience

IT Support Staff, IT Consultants, Business Managers, Business Analysts, Small and Midsized Business Owners, Specialist (IT, security, infrastructure, services, systems, test, and so on), Business Process Owners, IT Developers, Service Providers, System Integrators, Architects, Consultants, IT Management



Learning Objectives

At the end of this course, participants will be able to:

- Understand the common terms and definitions of cloud computing.
- Understand the business benefits and business considerations of cloud computing.
- Understand cloud computing from a technical perspective and recognize the various techniques, methods, challenges, and types of clouds.
- Understand the impact and changes of cloud computing on IT service management.
- Explain typical steps that lead to the successful adoption of cloud computing and understand the implications for organizations.
- Recognize the compliance, risk, and regulatory consequences of cloud computing and its financial and strategic impact on an organization.

Course Material

It's been our endeavour to bring **the best-of-the-class** training programs of which **course material** is critical component. Considering the importance of the course material and its quality, we source the content from one of the reputed course content providers in the world. The course material has been developed by **one of world's leading learning solutions provider – Accredited Content Provider**. The course material is result of **in-depth, innovative and tested design philosophy**.

Our Team of Mentors

- Has more than **2 decades of experience** in IT and Is **Certified in ITIL V3 Foundation, Intermediate & Expert, CLOUD and Accredited as Trainers**
- Has successfully **trained Corporate and Individuals on ITSM (ITIL)**
- Has helped Organizations implement ITIL processes and achieve **operation efficiencies, improved quality of services**
- Has **advised and worked** with **ITSM Product Company align product to ITIL**
- Has helped organizations towards **successful assessments of Information Security Mgmt Systems (ISO 27001)**

About the Examination:

- The course includes an Exam Preparation module, preparing participants to complete the CompTIA Cloud Essentials™ Exam on the second day of the course.
- The exam consists of 50 questions, the passing score is 720 (on a scale of 900), and is web-based in the English language.



Agenda:

Day1	Day2	Day 3
1. Course Introduction	6. Operating in the Cloud Cloud Case 3 : SaaS (Google Apps & DropBox)	Revision, Mock Exam and tips- tricks Exam
2. Introduction to Cloud Computing	7. Governing the Cloud Cloud Case 4 : PaaS (BeanStalk& App Engine) Cloud Case 5 : Private Cloud (Eucalyptus/OpenStack - Demo)	
3. Business Perspective		
4. Technical Perspective Cloud Case 1 : IaaS (Amazon AWS),		
5. Adopting Cloud Cloud Case 2 : IaaS 2 (Google Compute Engine)		



Cloud Case 1. IaaS

- An Overview of Amazon Web Services
- Introduction to its components - Amazon S3 & EC2
- Elastic Load Balancing, Elastic IPs.
- An Overview of Google Cloud
- Introduction to its components – Google Compute & Storage
- Steps to signup to use the public Cloud.

Cloud Case 2. SaaS

- Google Apps – Mail, Docs and other Services.
- DropBox, Box.net – Storage as a Service.

Cloud Case 3. PaaS

- Application Deployment using
 - Google App Engine
 - Amazon BeanStalk

Cloud Case 4. Private Cloud

- Private Cloud Computing with Eucalyptus/OpenStack.
- Introduction to Architecture, Components and steps to build a simple cloud.
- Image Management, Web Interface, Instance Management.

