



Cloud Essentials e-Learning Course



Course Description:

The Cloud Essentials course is a 12-hour, interactive, online learning experience that provides a balanced curriculum, addresses the business and technical perspectives of cloud computing, and explains how to adopt, operate, and govern the cloud. The course enables participants to successfully complete the associated **CompTIA Cloud Essentials™ Exam**. Additionally, the course complements the Virtualization Essentials course, which the participants can take either before or after completing the Cloud Essentials course.

Our program is endorsed by CompTIA and the Cloud Credential Council



The Cloud Credential Council (CCC) is the international industry representation body mandated to drive alignment and develop standards for the cloud computing domain.



ITpreneurs is a Platinum member of the CompTIA Authorized Partner Program and components of the Cloud Certification Program have been designated as CompTIA Approved Quality Content.

Course Approach:

Scenario-driven learning allows participants to apply the principles of virtualization and cloud computing in a realistic setting. The role-playing activities included in this course present a real world connection using situations that occur in everyday life. In addition, activities including brainstorming sessions, quizzes, and discussions add to the interactive nature of this course.

Learning Objectives:

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

- Understand the common terms and definitions of cloud computing and give examples.
- Comprehend the characteristics of clouds and cloud services from a business perspective.
- Demonstrate how the characteristics of cloud computing generate business value.
- Understand various types of clouds from a technical perspective and provide examples.
- Explain the steps that lead to the successful adoption of cloud computing services.



- Identify the organizational capabilities that are relevant for realizing the benefits of clouds.
- Understand the impact and changes of cloud computing on IT Service Management.
- Explain and identify the issues associated with integrating cloud computing into an organizations' existing compliance risk and regulatory framework. Comprehend how to maintain strategic flexibility.

Prerequisites:

There are no formal prerequisites; it is recommended that participants have experience in the IT domain.

Course Student Material:

- Online, self-paced instructional material available for 90 days.



About the Examination:

- The course includes an Exam Preparation module, preparing participants to complete the optional **CompTIA Cloud Essentials™ Exam**.
- 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:

1. Course Introduction	Course Overview and Logistics
2. Introduction to Cloud Computing	Context, History, Definitions, and Types of Clouds
3. Business Perspective	Business Perspectives, Business Case, and Outsourcing vs. Cloud Computing
4. Technical Perspective	Taxonomy, Techniques, Methods, Challenges, Risks, and Implications
5. Adopting the Cloud	Roadmaps, Vendors, Cloud Readiness, and Migration
6. Operating in the Cloud	Service Management: Control, Design, Change, and Run
7. Governing the Cloud	Risk Management, Financial Management, and Vendor Management
8. Exam Preparation	40 Questions
CompTIA Cloud Essentials™ Exam.	Optional, At Additional Cost

About TechnoLava LLC:

TechnoLava LLC is focused on IT Service Management and Cloud Computing Solutions. We provide ITIL and Cloud best practice consulting, training, assessment and implementation services. TechnoLava provides Full Lifecycle Development, to include Requirements Analysis, Process and Workflow development, Training and Design and Implementation of the solution. TechnoLava enables immediate benefits to Cloud and IT Service Management solutions by delivering predictability, security, availability and reliability to your operational environment.