

uCertify

Course Outline

Cloud Essentials: (CompTIA
Authorized Courseware)



Lesson



Practice test

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Here's what you get

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1. **Course Objective**

Gain hands-on expertise in CompTIA Cloud Essentials certification exam by CLO-001 : Cloud Essentials: (CompTIA Authorized Courseware). The course covers all the objectives of CompTIA Cloud Essentials certification exam and ensures knowledge and skills for technical support staff, business analysts, business process owners, sales/marketing staff, and a new data center staff to govern cloud products in the cloud-computing environment.

2. **Pre-Assessment**

Pre-Assessment lets you identify the areas for improvement before you start your prep. It determines what students know about a topic before it is taught and identifies areas for improvement with question assessment before beginning the course.

3. **Exercises, Quizzes, Flashcards & Glossary**

Each lesson comes with Exercises, Flashcards & Quizzes. There is no limit to the number of times learners can attempt these. Exercises come with detailed remediation, which ensures that learners are confident on the topic before proceeding. Flashcards help master the key concepts while Glossary defines the key terms.

Number of Questions



Over 800 unique questions including pre-assessment, quizzes, exercises, and post assessment.

4. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

5. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

6. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assignments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

7. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 3 years:

- **2014**
 1. Best Postsecondary Learning Solution

- **2015**
 1. Best Education Solution
 2. Best Virtual Learning Solution
 3. Best Student Assessment Solution
 4. Best Postsecondary Learning Solution
 5. Best Career and Workforce Readiness Solution
 6. Best Instructional Solution in Other Curriculum Areas
 7. Best Corporate Learning/Workforce Development Solution

- **2016**
 1. Best Virtual Learning Solution
 2. Best Education Cloud-based Solution
 3. Best College and Career Readiness Solution

4. Best Corporate / Workforce Learning Solution
5. Best Postsecondary Learning Content Solution
6. Best Postsecondary LMS or Learning Platform
7. Best Learning Relationship Management Solution

- **2017**

1. Best Overall Education Solution
2. Best Student Assessment Solution
3. Best Corporate/Workforce Learning Solution
4. Best Higher Education LMS or Learning Platform

8. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

Syllabus

Chapter 1: What Is Cloud Computing?

- Defining Cloud Computing
- Understanding Distributed Application Design
- Understanding Resource Management Automation
- Understanding Virtualized Computing Environments
- Understanding High-Performance Computing Models

- Understanding Cloud Computing Technologies
- Review Questions

Chapter 2: Cloud Models

- Evolving from Virtualization to the Cloud
- Planning Organizational Roles in the Cloud
- Identifying Cloud Deployment Models and Scope Modifiers
- Including Future Cloud Models
- Review Questions

Chapter 3: Service Models

- Categorizing Cloud Services
- Examining Software as a Service
- Examining Platform as a Service
- Examining Infrastructure as a Service
- Identifying Emerging Cloud Database Capabilities
- Defining Everything as a Service
- Review Questions

Chapter 4: Current Cloud Technologies

- Comparing Traditional Technologies and Cloud Alternatives
- Accessing the Cloud
- Leveraging Software as a Service
- Developing within Platform as a Service
- Implementing Infrastructure as a Service
- Empowering Mobile Computing
- Review Questions

Chapter 5: Cloud Business Value

- Identifying Business Drivers for Cloud Computing
- Examining the Business Impact

- Review Questions

Chapter 6: Cloud Infrastructure Planning

- Understanding Cloud Networks
- Leveraging Automation and Self-Service
- Understanding Federated Cloud Services
- Achieving Interoperability
- Review Questions

Chapter 7: Strategies for Cloud Adoption

- Aligning Cloud Deployments with Organizational Goals
- Identifying the Impact of Cloud Adoption to Business Processes
- Understanding the Importance of Service-Level Agreements
- Review Questions

Chapter 8: Applications in the Cloud

- Understanding the Role of Standard Applications
- Developing Cloud-Ready Applications
- Migrating Applications to the Cloud
- Preparing for Technical Challenges
- Identifying and Mitigating Risks
- Review Questions

Chapter 9: Cloud Service Rollout

- Identifying Vendor Roles and Responsibilities
- Identifying Organizational Skill Requirements
- Transitioning to Live Environments
- Preparing for Incident Management
- Review Questions

Chapter 10: Cloud Service-Level Management

- Understanding ITIL Service Management
- Applying ITIL to Cloud Computing
- Developing and Utilizing Performance Metrics
- Implementing Continual Process Improvement
- Review Questions

Chapter 11: Security in the Cloud

- Understanding Security and Risk
- Reviewing Security Standards
- Exploring Common Security Risks and Mitigations
- Implementing an ISMS
- Responding to Incidents
- Recognizing Security Benefits
- Review Questions

Chapter 12: Privacy and Compliance

- Identifying Legal Risks
- Identifying Privacy Risks
- Managing Identity in the Cloud
- Review Questions

9. Practice Test

uCertify provides full length practice tests. These tests closely follow the exam objectives and are designed to simulate real exam conditions. Each course has a number of test sets consisting of hundreds of items to ensure that learners are prepared for the certification exam.

Here's what you get



Features

Full Remediation

Each question comes with detailed remediation explaining not only why an answer option is correct but also why it is incorrect.

Unlimited Practice

Each test can be taken unlimited number of times until the learner feels they are prepared. Learner can review the test and read detailed remediation. Detailed test history is also available.

Learn, Test and Review Mode

Each test set comes with learn, test and review modes. In learn mode, learners will attempt a question and will get immediate feedback and complete remediation as they move on to the next question. In test mode, learners can take a timed test simulating the actual exam conditions. In review mode, learners can read through one item at a time without attempting it.

10. Post-Assessment

After completion of the uCertify course Post-Assessments are given to students and often used in conjunction with a Pre-Assessment to measure their achievement and the effectiveness of the exam.

Have Any Query? We Are Happy To Help!

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