

Cloud Essentials

Course Information

Certification: CompTIA® Cloud Essentials Exam

Accreditor: NA

Available Languages: English

Purchase Options: Pay per Use

Duration: 2 days

Domain: Cloud Computing

Delivery Method: Classroom

Course Description:

The Cloud Essentials Course is a 2-day, interactive, classroom-based learning experience. This introductory 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 to become Cloud Essentials certified. In addition, the course complements the Virtualization Essentials course, which they can do either before or after they have taken the Cloud Essentials course. This course has been designated as CompTIA Approved Quality Content. Cloud Essentials courseware is tested by ProCert Labs.

Audience:

This course is best suited to following audience:

- IT Support Staff
- IT Consultants
- Business Managers
- Business Analysts
- Small and Mid-Size 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:

- Define the common terminology used in cloud computing.
- Identify the characteristics of cloud computing and cloud services from a business perspective.
- Identify the business value of cloud computing in the given case study.
- Explain the different deployment models in cloud computing.
- List the steps to successfully adopt cloud computing services.
- Identify the organizational capabilities that are relevant for realizing cloud benefits.
- List the impact and changes of cloud computing on IT service management.
- Identify the issues associated with integrating cloud computing into an organization's existing compliance risk and regulatory framework.

Prerequisites:

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

Course Materials:

- For Participants
 - Course Book (eBook or printed)
- For Instructors
 - Presentation Slides
 - Instructor Guide (eBook)

Course Agenda:

Day1	Day2
1. Course Introduction	6. Operating Cloud Computing
2. Introduction to Cloud Computing	7. Governing Cloud Computing
3. Business Perspectives	Exam Preparation
4. Technical Perspectives	Exam
5. Adopting Cloud Computing	

Course Outline:

Module 1: Course Introduction

- Introduction
- Overview
- Course Agenda



- Case Study
- Introduction to PureNRG
- Organizational Chart
- PureNRG's CIO
- PureNRG's Business Units
- Closing
- Course Portfolio
- Acknowledgements

Module 2: Introduction to Cloud Computing

- Definitions and Concepts
- Cloud Computing and Virtualization in Context
- Suitability to Organizations
- Cloud Service Models
- Cloud Deployment Models

Module 3: Business Perspectives

- Cloud Computing and Outsourcing
- Business Value
- Case Study

Module 4: Technical Perspectives

- Public vs Private Cloud
- Techniques and Methods
- Challenges and Risks
- Application Architecture and Development
- Case Study

Module 5: Adopting Cloud Computing

- Roadmaps
- Vendor Relations
- Cloud Readiness
- Migration Applications

Module 6: Operating Cloud Computing

- Impact on Service Management Lifecycle
- Cloud Computing and Service Management

Module 7: Governing Cloud Computing

- Compliance and Risk Management
- Financial Management
- Strategic Supplier Management

Exam Information

Exam Description

The CompTIA® Cloud Essentials Exam is a foundation-level certification exam, meant to ensure general understanding of the basic concepts of the Cloud Essentials course.



Exam Facts

Delivery	Online
Format	Closed Book. Web-based format
Proctoring	Web proctored
Duration	75 minutes, 15 minutes additional time for non-native candidates
# of questions	50
Pass Grade	80%

Exam Prerequisites

Prerequisites for taking this exam include:

- Completion of 80% of modules

Proctor Requirements

The cloud essentials exam can be proctored by the instructor of the Cloud Essentials course or through the web proctoring service.

Proctors must:

- Be proficient in the language of the exam being delivered.
- Possess the ability to read and complete all exam documentation in a legible manner.
- Possess the ability to detect various forms of candidate misconduct.
- Be impartial ie: cannot be related to or have a reporting relationship with the candidates.
- Be professional in their presentation, responsible, punctual, tactful, mature, able to work unsupervised and able to speak publicly.

In order for a proctor to be registered, the proctor must:

- Remain impartial and comply at all times with the conditions for proctoring
- Read and follow the instructions provided via email
- Sign a Nondisclosure Form (NDA)
- Complete a brief training session (about 10 minutes) via telephone with the Proctor Coordinator

After the exam session proctors must:

- Submit the Proctor Report outlining any incidents.

Exam Location

The exam can take place at the local Pearson Vue Testing centre.

Exam Planning

The cloud essentials exam is an online exam and is hosted through CompTIA® and delivered through ITpreneurs.



Course Specific Delivery Information

Course Delivery Requirements

Course Logistics	[Standard Procedures apply]
Internet Connection (in Class)	Not required
Lab Requirements	NA
Other	NA

Accreditation Requirements

This course is accredited by CompTIA®.

Instructor Requirements

All courses have a [standard operating procedure](#) for onboarding instructors. This document describes the minimum requirements for all instructors for any course.

All instructors delivering the Cloud Essentials course must also meet the following additional criteria:

- Holds the Cloud Essentials certificate.
- Has an experience of 5 years (or more) in managing cloud projects.
- Has successfully delivered training programs in the past (minimum 2 years).
- Must have attended the ITpreneurs TTT.

Train The Trainer Program

Experienced Cloud Essentials Trainer

Instructors who have delivered this course in the past have to attend a 3 hours virtual TTT session hosted by the Master Trainer.

- **TTT Duration:** 3 hours
- **TTT Delivery:** Virtual Session
- **Language:** English
- [\[Standard Procedures apply\]](#)



Ordering Information:

[Standard Procedures apply](#)

ITpreneurs Services Teams / Contact Information

ITpreneurs Customer Solutions Team	For placing orders, Questions on order management, course logistics, general course management, instructor queries (bookings, issues), write to partner@itpreneurs.com
ITpreneurs Service Desk Team	Support for online learning components such as the e-learning courses, eBooks licences, learning portals, websites, technology. servicedesk@itpreneurs.com
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