ProTech Professional Technical Services, Inc.

CompTIA Cloud Essentials+

Course Summary

Description

Business analysts and IT pros alike are consistently called upon to assist their organization in determining which cloud service provider(s) to use, what to migrate to the cloud, and when to implement. Collecting and analyzing cloud products and services information is essential when making operational cloud business decisions. The financial and operational impacts covered by Cloud Essentials+ ensure an ability to develop and implement solid cloud strategies.

Objectives

CompTIA Cloud Essentials+ candidates will:
- Have the knowledge and understanding of the foundational business and technical components included in a cloud assessment.
- Understand specific security concerns and measures.
- Comprehend new technology concepts, solutions, and benefits to an organization.

Topics

- Understanding Cloud Computing concepts
- Applying Cloud Business Principles
- Advising a Cloud Design and Migration
- Operating in the Cloud
- Managing Cloud Governance

Audience

The CompTIA Cloud Essential Specialty certification is relevant to IT specialists, IT technical services specialists, IT relationship managers, IT architects, consultants, business and IT management, business process owners, and analysts.

Prerequisites

Attendees should have at least six months of experience in an IT environment, with direct involvement in IT-related tasks, responsibilities, and/or decision-making. It is also recommended that the candidate take the following course: Introduction to Network Design and Management.

Duration

Two days

Course Outline (vertical text, left margin)

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I.   *Understanding Cloud Computing Concepts*
    A. Understanding Basic Cloud Concepts and Terms
    B. Identify Cloud Network and Cloud Storage Technologies
    C. Recognize Cloud Design Aspects

II. *Applying Cloud Business Principles*
    A. Relate Cloud Concepts to Business Principles
    B. Establish Cloud Vendor Relations
    C. Distinguish the Financial Aspects of Engaging a Cloud Service Provider
    D. Report Financial Expenditures

III. *Advising a Cloud Design and Migration*
    A. Relate Cloud Concepts to Cloud Design and Migration
    B. Use Cloud Assessments
    C. Manage Cloud Design
    D. Compare Cloud Migration Approaches
    E. Identify Benefits and Solutions of Cloud Services

IV. *Operating in the Cloud*
    A. Relate Cloud Concepts to Technical Operations
    B. Identify the Technical Aspects of Cloud Operations
    C. Understand DevOps in the Cloud
    D. Explain Cloud Security Concerns, Measures, and Concepts

V.   *Managing Cloud Governance*
    A. Relate Cloud Concepts to Governance
    B. Apply Risk Management Concepts
    C. Understand Compliance and the Cloud
    D. Merge Policies and Procedures for Cloud Service