



Official CompTIA learning resources

CompTIA Cloud Essentials+

OVERVIEW

This course is for students who are preparing to take the CompTIA Cloud Essentials+ certification exam CLO-002.

This course is the first step on a training path that can lead to a technical career and empower professionals to make data-driven cloud recommendations by using key skills to evaluate business use cases, financial impacts, cloud technologies and deployment models.

JOB ROLES

- Business Analysts
- Business Process Owners
- Sales and Marketing Staff in cloud product or servicemanagement
- Managed Service Provider Personnel
- New Data Center Staff
- Technical Support Staff

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Lessons	Topics	Activities
Lesson 1 Understanding Cloud Computing Concepts	<ul style="list-style-type: none"> • Understand Basic Concepts and Terms • Identify Network and Storage Technologies • Recognize Cloud Design Aspects 	<ul style="list-style-type: none"> • Discussing Cloud Concepts • Cloud Concepts • Discussing Cloud Storage and Networking • Cloud Storage and Networking • Discussing Recovery Concepts • Cloud Deployment Concepts • Using Pricing Calculators
Lesson 2 Applying Cloud Business Principles	<ul style="list-style-type: none"> • Relate Cloud Concepts to Business Principles • Establish Cloud Vendor Relations • Distinguish the Financial Aspects of Engaging a Cloud Service Provider • Report Financial Expenditures 	<ul style="list-style-type: none"> • Discussing how cloud concepts relate to business practices • Discussing Cloud Vendor Relations • Service Documents • Discuss how the shift from capitol expenditure to operating expenditures might impact your organization. • What are the financial aspects of cloud services? • Discussing Resource Tagging • Understanding Cloud Reporting Terminology • Calculating Cost for Virtual Machines
Lesson 3 Advising a Cloud Design and Migration	<ul style="list-style-type: none"> • Relate Cloud Concepts to Cloud Design and Migration • Use Cloud Assessments • Manage Cloud Design • Compare Cloud Migration Approaches • Identify Benefits and Solutions of Cloud Services 	<ul style="list-style-type: none"> • Discuss How Cloud Concepts Relate to Cloud Design and Migration • Discussing Cloud Assessment Strategies • Cloud Assessments • Discussing Cloud Deployment Models • Cloud Design Activities • Discussing Cloud Migration • Cloud Migration Types • Discussing Cloud Solutions • Identifying Microservices and Containers • Calculating Cost for IoT and DaaS
Lesson 4 Operating in the Cloud	<ul style="list-style-type: none"> • Relate Cloud Concepts to Technical Operations • Identify the Technical Aspects of Cloud Operations • Understand DevOps in the Cloud • Explain Cloud Security Concerns, Measures, and Concepts 	<ul style="list-style-type: none"> • Discussing Cloud Concepts and Technical Operations • Discussing Managed Service Providers and Data Backups • Data Management • Discussing DevOps and Continuous Integration / Continuous Delivery • Understanding DevOps in the Cloud • Discussing the CIA Triad • Cloud Security Concerns, Measures, and Concepts • Calculating Cost Estimate for DevOps and Monitoring
Lesson 5 Managing Cloud Governance	<ul style="list-style-type: none"> • Relate Cloud Concepts to Governance • Apply Risk Management Concepts • Understand Compliance and the Cloud • Manage Policies and Procedures for Cloud Services 	<ul style="list-style-type: none"> • Discussing Cloud Governance • Discussing Risk Management • Risk Management Concepts • Compliance and the Cloud • Discussing Policies and Procedures • Policies and Procedures