

# CTIA-6 - COMPTIA CLOUD+

Categoria: **CompTIA**

## INFORMAZIONI SUL CORSO



**Durata:**  
3 Giorni



**Categoria:**  
CompTIA



**Qualifica Istruttore:**  
Docente Senior (min.  
5 anni)



**Dedicato a:**  
Professionista IT



**Produttore:**  
PCSNET

## OBIETTIVI

The CompTIA Cloud+ course teaches the knowledge and skills to understand cloud architecture and design, deploy cloud services and solutions, successfully maintain, secure, and optimize a cloud environment, troubleshoot common cloud management issues.

## PREREQUISITI

Aver frequentato il corso CompTIA Cloud Essentials+ o avere conoscenze equivalenti

## CONTENUTI

### **Module 1: Understanding Cloud Architecture Concepts**

- Lesson 1.1: Recognize Cloud Concepts and Service Models
- Lesson 1.2: Recognize Cloud Terms
- Lesson 1.3: Technologies in the Cloud
- Lesson 1.4: Troubleshoot the Cloud Environment

### **Module 2: Planning Cloud Services**

- Lesson 2.1: Cloud-native Design
- Lesson 2.2: Cloud Deployment Models
- Lesson 2.3: Cloud Deployment Strategies

### **Module 3: Provisioning and Migrating Cloud Resources**

- Lesson 3.1: Provision Cloud Resources
- Lesson 3.2: Aspects of Cloud Migration
- Lesson 3.3: Cloud Migration Considerations

### **Module 4: Comparing Cloud Storage**

- Lesson 4.1: Storage Resources and Technologies

### **Module 5: Troubleshooting Deployment Issues and Cost**

- Lesson 5.1: Troubleshoot Deployment and Migration Issues
- Lesson 5.2: Cost Considerations Related to Cloud Usage

## **Module 6: Using Virtualization and Databases**

- Lesson 6.1: Virtualization Concepts
- Lesson 6.2: Containerization Concepts
- Lesson 6.3: Database Concepts

## **Module 7: Comprehending Cloud Networking**

- Lesson 7.1: Cloud Networking Concepts
- Lesson 7.2: Network Functions
- Lesson 7.3: Network Components
- Lesson 7.4: Network Services
- Lesson 7.5: Cloud Network Services
- Lesson 7.6: Troubleshoot Network Issues

## **Module 8: Automating Cloud Resources**

- Lesson 8.1: Deploy and Configure Cloud Resources Using Code
- Lesson 8.2: Continuous Integration Continuous Deployment Pipelines
- Lesson 8.3: Tools Used in DevOps Environments
- Lesson 8.4: Source Control Concepts
- Lesson 8.5: Scripting
- Lesson 8.6: Integration of Systems

## **Module 9: Implementing Security Management**

- Lesson 9.1: Identity and Access Management Concepts
- Lesson 9.2: Security Controls in the Cloud
- Lesson 9.3: Vulnerability Management Concepts
- Lesson 9.4: Monitoring Suspicious Activities to Identify Common Attacks

## **Module 10: Comprehending Security Compliance and Troubleshooting**

- Lesson 10.1: Aspects of Compliance and Regulation
- Lesson 10.2: Security Best Practices
- Lesson 10.3: Troubleshooting Security Issues

## **Module 11: Implementing Performance and Monitoring**

- Lesson 11.1: Optimize Workloads Using Cloud Resources
- Lesson 11.2: Configure Appropriate Scaling Approaches
- Lesson 11.3: Configure Resources to Achieve Observability
- Lesson 11.4: Managing the Life Cycle of Cloud Resources

## **Module 12: Managing Disaster Recovery and Business Continuity**

- Lesson 12.1: Backup and Recovery Methods
- Lesson 12.2: Service Availability Concepts

## **INFO**

**Esame:** CV0-004 - CompTIA Cloud+

**Materiale didattico:** Materiale didattico in formato digitale

**Costo materiale didattico:** incluso nel prezzo del corso a Calendario

**Natura del corso:** Operativo (previsti lab su PC)