CTIA-6 - COMPTIA CLOUD+

Categoria: **CompTIA**

INFORMAZIONI SUL CORSO

Durata: 5 Giorni	Categoria: CompTIA	Qualifica Istruttore: Docente Senior (min. 5 anni)	Dedicato a: Professionista IT	Produttore: CompTIA

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 i corsi CompTIA Network+ e Server+ o avere conoscenze equivalenti

CONTENUTI

Lesson 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

Lesson 2: Planning Cloud Services

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

Lesson 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

Lesson 4: Comparing Cloud Storage

- Lesson 4.1: Storage Resources and Technologies

Lesson 5: Troubleshooting Deployment Issues and Cost

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

Lesson 6: Using Virtualization and Databases
- Lesson 6.1: Virtualization Concepts
- Lesson 6.2: Containerization Concepts
- Lesson 6.3: Database Concepts

Lesson 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

Lesson 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

Lesson 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

Lesson 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

Lesson 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

Lesson 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)