CTIA-6 - COMPTIA CLOUD+

Categoria: **CompTIA**

INFORMAZIONI SUL CORSO

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