CompTIA® Cloud+® (Exam CV0-004)

General:

CompTIA Cloud+ validates the skills needed to deploy and automate secure cloud environments that support the high availability of business systems and data. It is the only performance-based IT certification that views cloud-based infrastructure services in the context of broader IT systems operations regardless of the platform. Migrating to the cloud presents opportunities to deploy, optimize, and protect mission-critical applications and data storage.

Objectives:

In this course, you will deploy, test, secure, manage, optimize, and troubleshoot a cloud solution.

You will:

- Prepare to deploy cloud solutions.
- Deploy a pilot project.
- Test a pilot project deployment.
- Design a secure network for cloud deployment.
- Determine CPU and memory sizing for cloud deployments.
- Determine storage requirements for cloud deployments.
- Plan Identity and Access Management for cloud deployments.
- Analyze workload characteristics to ensure successful migration to the cloud.
- Secure systems to meet access requirements.
- Maintain cloud systems.
- Implement backup, restore, and business continuity measures.
- Analyze cloud systems for required performance.
- Analyze cloud systems for anomalies and growth forecasting.
- Troubleshoot deployment, capacity, automation, and orchestration issues.
- Troubleshoot connectivity issues.
- Troubleshoot security issues.

SDT Learning, Corp.
PO Box 367698
San Juan PR 00936

Información: info@sdtpr.com
Apoyo Técnico: help@sdtpr.com
Webmaster: webmaster@sdtpr.com

Tel: (787) 589-8080

Audience:

This course is designed for IT professionals who wish to develop cloud computing skills to enable them to move IT workloads to the cloud and integrate products and services from different providers and industries. Their focus is to ensure that cloud deployments are secure, that automation and orchestration are used effectively to bring business value from the cloud, and that costs are controlled through effective management of cloud vendors.

This course is also designed for students who are preparing to take the CompTIA Cloud+ certification exam CV0-002, or who plan to use Cloud+ as the foundation for more advanced cloud certifications or career roles.

Prerequisites:

To ensure your success in this course, you should have 24-36 months' experience with IT networking, network storage, and data center administration. You should also have familiarity with any major hypervisor technologies for server virtualization, basic knowledge of common cloud service models, and common cloud deployment models.

Duration:

Five (5) days including classroom lecture and lab sessions.

Course Content

Lessons 1: Introduction

Lessons 2: Introducing Cloud Computing Configurations and Deployments

Lessons 3: Cloud Deployments

Lessons 4: Security in the Cloud

Lessons 5: Implementing Cloud Security

Lessons 6: Maintaining Cloud Operations

Lessons 7: Disaster Recovery, Business Continuity, and Ongoing Maintenance

Lessons 8: Cloud Management

Lessons 9: Cloud Management Baselines, Performance, and SLAs

Lessons 10: Troubleshooting

Lessons 11: Troubleshooting Networking and Security Issues and Understanding Methodologies

SDT Learning, Corp.
PO Box 367698
San Juan PR 00936

Información: info@sdtpr.com
Apoyo Técnico: help@sdtpr.com
Webmaster: webmaster@sdtpr.com

Tel: (787) 589-8080