CompTIA Cloud+ CV0-003

Course Outline

1. Cloud Architecture and Design

   - Compare and contrast the different types of cloud models
   - Explain the factors that contribute to capacity planning
   - Explain the importance of high availability and scaling in cloud environments
   - Analyze the solution design in support of the business requirements

2. Security

   - Configure identity and access management
   - Secure a network in a cloud environment
   - Apply the appropriate OS and application security controls
   - Apply data security and compliance controls in cloud environments
   - Implement measures to meet security requirements
   - Explain the importance of incident response procedures

3. Deployment

   - Integrate components into a cloud solution
   - Provision storage in cloud environments
   - Deploy cloud networking solutions
   - Configure the appropriate compute sizing for a deployment
   - Perform cloud migrations

4. Operations and Support

   - Configure logging, monitoring, and alerting to maintain operational status
   - Maintain efficient operation of a cloud environment
   - Optimize cloud environments
   - Apply proper automation and orchestration techniques
   - Perform appropriate backup and restore operations
   - Perform disaster recovery tasks

5. Troubleshooting

    - Use the troubleshooting methodology to resolve cloud-related issues
    - Troubleshoot security issues
    - Troubleshoot deployment issues
    - Troubleshoot connectivity issues
    - Troubleshoot common performance issues
    - Troubleshoot automation or orchestration issues