

## 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