

CompTIA Cloud+

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 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.