

CompTIA Cloud+ Syllabus

Lesson 1: Understanding Cloud Concepts **2 Hours - 3 Topics**

- **Topic 1A: Recognize Cloud Concepts (Day 1)**
- **Topic 1B: Recognize Cloud Terms (Day 1)**
- **Topic 1C: Understand the Troubleshooting Methodology (Day 1)**

Lesson 2: Planning and Designing a Cloud Environment **2 Hours - 2 Topics**

- **Topic 2A: Meet Cloud Business Requirements (Day 2)**
- **Topic 2B: Design Capacity Planning and Requirements (Day 2)**

Lesson 3: Administering Cloud Resources **2 Hours - 3 Topics**

- **Topic 3A: Manage Cloud Administration (Day 3)**
- **Topic 3B: Manage Compute Resources in the Cloud (Day 3)**
- **Topic 3C: Manage Memory Resources (Day 3)**

Lesson 4: Managing Cloud Storage **2 Hours - 3 Topics**

- **Topic 4A: Understand Cloud Storage Types (Day 4)**
- **Topic 4B: Configure Cloud Storage Solutions (Day 4)**
- **Topic 4C: Configure Cloud Storage Protocols and RAID (Day 4)**

Lesson 5: Managing Networks in the Cloud **2 Hours - 2 Topics**

- **Topic 5A: Deploying Cloud Network Services (Day 5)**
- **Topic 5B: Identify Cloud Network Infrastructure Components (Day 5)**

Lesson 6: Securing and Troubleshooting Networks in the Cloud **2 Hours - 2 Topics**

- **Topic 6A: Secure a Network in a Cloud Environment (Day 6)**
- **Topic 6B: Troubleshooting Cloud Connectivity (Day 6)**

Lesson 7: Managing Cloud Migrations and Troubleshooting Cloud Deployments **2 Hours - 2 Topics**

- **Topic 7A: Manage Cloud Migrations (Day 7)**
- **Topic 7B: Troubleshoot Cloud Deployment and Migration Issues (Day 7)**

Lesson 8: Managing Cloud Automation and Orchestration **2 Hours - 2 Topics**

- **Topic 8A: Understand Cloud Automation and Orchestration Techniques (Day 8)**
- **Topic 8B: Troubleshoot Automation and Orchestration in the Cloud (Day 8)**

Lesson 9: Understanding Cloud Security Concepts **2 Hours - 3 Topics**

- **Topic 9A: Administer Identity and Access Management in the Cloud (Day 9)**
- **Topic 9B: Manage Cloud Operating System and Application Security (Day 9)**
- **Topic 9C: Manage Data Security and Compliance in the Cloud (Day 9)**

Lesson 10: Managing Cloud Security **2 Hours - 2 Topics**

- **Topic 10A: Implement Security Measures in the Cloud Domain (Day 10)**
- **Topic 10B: Troubleshoot Cloud Security (Day 10)**

Lesson 11: Managing Cloud Performance **2 Hours - 4 Topics**

- **Topic 11A: Operate Efficiently in the Cloud (Day 11)**
- **Topic 11B: Accomplish Cloud Operations Tasks (Day 11)**
- **Topic 11C: Optimize Cloud Resources (Day 11)**
- **Topic 11D: Troubleshoot Common Cloud Performance Problems (Day 11)**

Lesson 12: Managing Maintenance in the Cloud **2 Hours - 2 Topics**

- **Topic 12A: Configure Logs, Monitoring, and Alerting for Cloud Services (Day 12)**
- **Topic 12B: Manage Backup and Restore in the Cloud (Day 12)**

Lesson 13: Implementing High Availability and Disaster Recovery in the Cloud **2 Hours - 3 Topics**

- **Topic 13A: Understand High Availability and Scaling in the Cloud (Day 13)**
- **Topic 13B: Manage Disaster Recovery in the Cloud (Day 13)**
- **Topic 13C: Incident Response (Day 13)**