

CompTIA Cloud+

Course outline · issued 14 September 2026

Technology areas	Cloud Computing
Level	Intermediate
Short course	5 days
One-month track	4 weeks · 16 training days · 96 contact hours
Two-month track	8 weeks · 32 training days · 192 contact hours
Delivery	In person, Virtual, Hybrid
Class size	8 to 16 participants
Certification	CompTIA Cloud+ exam preparation
Entry requirements	Two to three years in systems or network administration is assumed.

Who it is for

Infrastructure and operations staff running or migrating workloads to cloud platforms.

REVENUE USE CASE

Planning a resilient, residency-compliant hosting model for a national assessment platform.

By the end, participants can

- Plan and size cloud deployments against workload and residency requirements
- Operate, monitor and automate cloud infrastructure day to day
- Apply cloud security, backup and disaster recovery controls

Short course modules (5 days)

1. Cloud architecture and design
2. Deployment and migration
3. Operations, monitoring and automation
4. Cloud security and compliance
5. Business continuity and exam preparation

One-month track — weeks 1 to 4

4 weeks · 16 training days · 96 contact hours

Week 1 — Cloud architecture and design

- Service and deployment models in practice
- Sizing compute, storage and network to a workload
- High availability and scaling patterns
- Residency and sovereignty for taxpayer records

Practical: Produce a sized architecture for a real agency workload.

Week 2 — Provisioning and configuration

- Building compute, storage and network resources
- Templates and infrastructure as code
- Identity, roles and resource organisation
- Configuration management and golden images

Practical: Provision the week 1 architecture entirely from templates.

Week 3 — Migration and integration

- Assessment, grouping and migration strategies
- Data migration, sync and cutover
- Hybrid connectivity to on-premises systems
- Testing, rollback and contingency

Practical: Migrate a sample workload with a tested rollback path.

Week 4 — Cloud security

- Identity, least privilege and secrets
- Encryption, key management and data protection
- Network isolation and security groups
- Compliance evidence and audit logging

Practical: Harden the deployment against a supplied security baseline.

Checkpoint: the one-month track is assessed [here](#).

Two-month track — continues through weeks 5 to 8

8 weeks · 32 training days · 192 contact hours

Week 5 — Operations and monitoring

- Monitoring, logging and alerting
- Automation, scheduling and self-healing
- Patching and lifecycle management
- Capacity management and right-sizing

Practical: Instrument the workload and automate a routine operational task.

Week 6 — Cost management and optimisation

- Cost models, tagging and showback
- Reserved and spot capacity decisions
- Finding and removing waste
- Budgeting cloud within a public-sector cycle

Practical: Produce a twelve-month cost model and optimisation plan.

Week 7 — Business continuity and troubleshooting

- Backup, restore and tested recovery
- Recovery objectives and failover design
- Systematic cloud troubleshooting
- Performance, connectivity and capacity faults

Practical: Fail the workload over and recover it under observation.

Week 8 — Examination preparation and capstone

- Full syllabus review and gap analysis
- Performance-based question technique
- Full mock examination under timed conditions
- Presenting the deployment and operations plan

Practical: Present the capstone plan and sit a full mock Cloud+ paper.

Capstone assessment and post-course evaluation.

Capstone

A complete cloud deployment and operations plan for one agency workload, built in the lab, plus a full mock Cloud+ paper under examination conditions.

About this outline

Indicative extended tracks. The one-month track runs weeks 1 to 4; the two-month track continues through week 8 with deeper labs, certification preparation and a capstone. Weeks, contact hours and cohort sizes are finalised with each client.

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