

CLF-C02: AWS Certified Cloud Practitioner

Understand how AWS works, speak the language of cloud with confidence and prepare for the CLF-C02 exam in a single day.

DURATION

1 day · 8 hours

LEVEL

Beginner

CURRICULUM

4 modules · 4 labs

DELIVERYLive online, Onsite,
Corporate

Course overview

Almost every technology conversation now involves the cloud, and AWS is the platform many organisations in India and the Gulf run on. This one-day course gives you a clear, practical picture of what AWS offers, why businesses move to it and how they keep it secure and affordable. It is designed for people who need to understand cloud decisions as well as those who will go on to build with AWS.

The day follows the four domains of the CLF-C02 exam. We start with cloud concepts: the benefits of on-demand infrastructure, deployment models, the AWS global network and the Well-Architected Framework. We then tour the core services — compute, storage, databases, networking and serverless — explaining each in plain language with a real-world use. The afternoon covers the shared responsibility model, identity and access, compliance resources, and finally pricing, cost management and support plans.

Theory never runs for long without a short exercise. You will launch a virtual server, publish a static website from Amazon S3, protect an account with multi-factor authentication and set up a budget alert, so the service names on the exam are things you have actually clicked through rather than memorised.

The final session is focused on exam readiness: how questions are phrased, how to eliminate distractors and how to spot what a scenario is really asking. This course is aligned to the CLF-C02 exam and prepares you for it; always confirm the current exam guide on the AWS Certification site before booking.

Highlights

- 8 hours of live, trainer-led learning in one day
- Short hands-on exercises in a real AWS account
- Covers all four CLF-C02 exam domains
- Built for technical and non-technical roles alike
- Practice questions with explained answers

What's included

- Plain-language explanations with business examples
- Hands-on exercises in a real AWS account
- Coverage of all four CLF-C02 domains
- Cost management walkthrough with AWS Budgets
- Exam strategy session and practice questions
- Course completion certificate from Ace Skills Consulting

Who this course is for

Who should attend

- IT professionals new to cloud computing
- Sales, pre-sales and account managers working with cloud solutions
- Project managers and business analysts on cloud programmes
- Students and graduates starting a cloud career
- Managers who need to evaluate AWS proposals and costs

Prerequisites

- Basic familiarity with IT concepts such as servers, storage and the internet
- No prior AWS experience required

Detailed curriculum — 1 day, 8 hours, 4 modules, 4 hands-on labs

Day 1 Cloud Concepts, Core Services, Security & Billing

8 hours

1.1 Cloud concepts & global infrastructure

- Benefits and economics of the cloud
- Regions, Availability Zones and edge locations
- Cloud Adoption Framework at a glance
- Cloud deployment models
- Well-Architected Framework pillars

LAB Navigate the AWS console and choose a Region · 20 min

1.2 Core AWS services

- Amazon EC2 and purchasing options
- Amazon S3 and storage classes
- Amazon RDS, Aurora and DynamoDB
- Amazon VPC, Route 53 and CloudFront
- AWS Lambda and container services

LAB Launch an EC2 instance and host a static website on S3 · 45 min

1.3 Security & compliance

- Shared responsibility model
- IAM users, groups, roles and MFA
- AWS Artifact and compliance programmes
- GuardDuty, Inspector, Shield and WAF overview
- Encryption with AWS KMS

LAB Secure the root user and create an IAM user with MFA · 30 min

1.4 Billing, pricing, support & exam readiness

- Pricing Calculator and pricing models
- Cost Explorer, Budgets and cost allocation tags
- AWS Organizations and consolidated billing
- Support plans and AWS Marketplace
- Exam technique and practice questions

LAB Create a monthly budget with email alerts · 20 min

Skills and tools

Skills you will build

Cloud concepts

AWS global infrastructure

Amazon EC2

Amazon S3

AWS IAM

Shared responsibility model

AWS pricing

AWS Budgets

Well-Architected Framework

Tools used in class

AWS Management Console

AWS Pricing Calculator

AWS Cost Explorer

AWS Budgets

AWS CloudShell

Certification exam

This course is aligned to the exam below and prepares you for it. The exam itself is booked and taken with the vendor.

Exam	AWS Certified Cloud Practitioner
Exam code	CLF-C02
Questions	65
Duration	90 minutes
Passing score	700 / 1000 (scaled)
Format	Multiple choice, Multiple response
Delivery	Online proctored, Test centre
Validity	3 years
Official page	https://aws.amazon.com/certification/certified-cloud-practitioner/

Exam skill areas covered

Cloud Foundations, Cloud Services

Exam details are pending verification. Confirm the current exam code, format and fee on the official vendor page before booking.

Frequently asked questions

Do I need a technical background for this course?

No. The course is designed for both technical and non-technical learners, and every service is explained with a business example before any hands-on work.

Will I need my own AWS account?

You will be guided to use a free-tier account or a lab account, depending on the batch. Setup instructions are shared before the session.

Is one day enough to pass CLF-C02?

The day covers every exam domain, but most learners also spend a week or two revising with practice questions. We share a revision plan at the end of the course.

What should I take after Cloud Practitioner?

Most learners move on to Solutions Architect – Associate; developers often choose Developer – Associate instead.

Can you run this for a whole team?

Yes. Corporate teams often use this course as cloud literacy training, and we can adapt examples to your industry.

Book a batch or talk to an advisor

Course page: aceskillsconsulting.com/course/clf-c02-aws-certified-cloud-practitioner · Email: info@aceskillsconsulting.com

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Curriculum generated on 23 Oct 2026; topics and order may be adjusted by the trainer to suit each batch.