



AWS TRAINING

Mastering AWS CDK & Infrastructure as Code

Official AWS Classroom Training for Mastering AWS CDK & Infrastructure as Code. Gain hands-on skills with AWS accredited instructors.

DURATION

16 Hours (2 Days)

LEVEL

Advanced

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

Mastering AWS CDK & Infrastructure as Code is an official AWS Classroom Training course designed to prepare IT professionals for real-world enterprise deployments and AWS certification (AWS-CDK-ADV).

Duration	16 Hours (2 Days)
Level	Advanced
Vendor	AWS
Exam Code	AWS-CDK-ADV

WHO IS THIS FOR?

- Solutions Architects and Cloud Engineers
- Systems Administrators and DevOps Specialists
- Candidates preparing for official AWS certifications

PREREQUISITES

- Familiarity with general cloud concepts and basic IT networking

COURSE CURRICULUM

01 Module 1: Foundational Principles & Architecture Overview

- Introduction to Mastering AWS CDK & Infrastructure as Code concepts
- AWS core services & global infrastructure overview
- IAM credentials and Security Group configurations
- Hands-on Lab: Initial AWS Environment Setup for Mastering AWS CDK & Infrastructure as Code

02 Module 2: Core Components & Service Implementation

- Provisioning compute, storage, and networking layers
- Configuring VPC routing and traffic control
- Best practices for cost and resource optimization
- Hands-on Lab: Building Tier-1 Workload Architecture

03 Module 3: Advanced Integration & Security Hardening

- Data protection, encryption at rest, and key management with KMS
- Automating deployment pipelines and infrastructure as code
- Monitoring metric alarms and CloudWatch integration
- Hands-on Lab: Hardening & Automated Pipeline Execution

04 Module 4: High Availability, Scaling & Performance

- Elastic Load Balancing and Auto Scaling policies
- Database replication and multi-AZ fault tolerance
- Troubleshooting and performance optimization techniques
- Hands-on Lab: Resilient Multi-Zone Deployment

FREQUENTLY ASKED QUESTIONS

Q: What is the total duration of the Mastering AWS CDK & Infrastructure as Code course?

The course duration is 16 Hours (2 Days) (16 hours of instructor-led lecture and hands-on lab exercises).

Q: Does this course help prepare for an AWS certification?

Yes, Mastering AWS CDK & Infrastructure as Code aligns with the official AWS certification framework (AWS-CDK-ADV) and includes official AWS hands-on labs.

Q: Is training delivered by authorized AWS instructors?

Yes, at Computer Pride all AWS courses are delivered by AWS accredited instructors with real-world enterprise experience.

ABOUT COMPUTER PRIDE

***East Africa's Premier IT Training Center***

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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