



AWS TRAINING

AWS Cloud Development Kit (CDK) Fundamentals

Official AWS Classroom Training for AWS Cloud Development Kit (CDK) Fundamentals. Gain hands-on skills with AWS accredited instructors.

DURATION

16 Hours (2 Days)

LEVEL

Intermediate

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

AWS Cloud Development Kit (CDK) Fundamentals is an official AWS Classroom Training course designed to prepare IT professionals for real-world enterprise deployments and AWS certification (AWS-CDK).

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

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 AWS Cloud Development Kit (CDK) Fundamentals concepts
- AWS core services & global infrastructure overview
- IAM credentials and Security Group configurations
- Hands-on Lab: Initial AWS Environment Setup for AWS Cloud Development Kit (CDK) Fundamentals

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 AWS Cloud Development Kit (CDK) Fundamentals 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, AWS Cloud Development Kit (CDK) Fundamentals aligns with the official AWS certification framework (AWS-CDK) 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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