



IBM TRAINING

Ibm Cloud Fundamentals

Explore IBM Cloud fundamentals, mastering core services and architectural concepts for effective cloud deployments.

DURATION

Flexible

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

The IBM Cloud Fundamentals course at Computer Pride offers a comprehensive introduction to IBM's robust, enterprise-grade cloud platform. This intermediate-level training is meticulously designed for IT professionals, developers, and system administrators looking to grasp the core concepts, services, and operational models of IBM Cloud. You will delve into essential topics such as infrastructure as a service (IaaS), platform as a service (PaaS), serverless computing, and various data, networking, and security services unique to the IBM Cloud ecosystem. Emphasizing hands-on exposure, the course covers key technologies like Virtual Private Cloud (VPC), Kubernetes Service, Object Storage, and Watson AI services, preparing you for real-world cloud deployments. This foundational knowledge is crucial for anyone aiming to leverage IBM Cloud for digital transformation and innovation.

Completing this certification empowers you with the fundamental skills to confidently navigate and utilize the IBM Cloud platform. You'll gain a solid understanding of cloud architecture, resource provisioning, application deployment, and essential security practices, which are highly valued in today's multi-cloud environments. The course not only builds your technical proficiency but also enhances your strategic understanding of how IBM Cloud can be integrated into existing enterprise IT landscapes, fostering a hybrid cloud approach. This makes you a more versatile and attractive candidate for roles requiring expertise in a leading enterprise cloud provider, opening doors to advanced career opportunities in cloud computing and related fields.

Level	Intermediate
Vendor	IBM

COURSE CURRICULUM

01 Module 1: Introduction to Cloud Computing and IBM Cloud

- Fundamentals of Cloud Computing: IaaS, PaaS, SaaS
- Introduction to IBM Cloud and its global infrastructure
- IBM Cloud account structure and resource groups
- Managing user access with IBM Cloud Identity and Access Management (IAM)
- Understanding IBM Cloud pricing models and billing

02 Module 2: IBM Cloud Compute and Networking Services

- Provisioning and managing Virtual Servers (VMs) on IBM Cloud
- Introduction to IBM Cloud Virtual Private Cloud (VPC)
- Deploying and managing containerized applications with IBM Kubernetes Service
- Serverless computing with IBM Cloud Functions
- Configuring networking, load balancers, and DNS services

03 Module 3: IBM Cloud Storage, Database, and Data Services

- Utilizing IBM Cloud Object Storage for unstructured data
- Understanding Block Storage and File Storage options
- Introduction to relational databases: IBM Cloud Databases for PostgreSQL, Db2
- Exploring NoSQL databases: IBM Cloudant
- Overview of data analytics and AI services (e.g., IBM Watson services)

04 Module 4: Security, Monitoring, and Management on IBM Cloud

- Implementing security best practices with IBM Cloud Security Advisor
- Monitoring resource usage and performance with IBM Cloud Monitoring

- Analyzing logs and events with IBM Cloud Log Analysis and Activity Tracker
- Disaster recovery and high availability strategies
- Compliance and governance considerations in IBM Cloud

05 Module 5: Deploying and Managing Cloud-Native Applications

- Introduction to DevOps principles on IBM Cloud
- Deploying applications using Cloud Foundry (PaaS)
- Building and deploying microservices
- Utilizing API Management services
- Introduction to continuous integration and continuous delivery (CI/CD) tools on IBM Cloud

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior IBM Cloud Administrator**
- > **Cloud Operations Support Engineer**
- > **Hybrid Cloud Solutions Analyst**

FREQUENTLY ASKED QUESTIONS

Q: What foundational knowledge is recommended before enrolling in the IBM Cloud Fundamentals course?

While this course covers fundamental concepts, a basic understanding of IT infrastructure, networking, and general computing principles is highly beneficial. Familiarity with command-line interfaces (CLI) and basic programming logic will also enhance your learning experience, though it is not strictly required.

Q: How does completing this IBM Cloud Fundamentals course enhance my career progression within the cloud computing industry?

This course provides a crucial stepping stone into specialized cloud roles by equipping you with a solid understanding of a major enterprise cloud platform. It prepares you for more advanced IBM Cloud certifications and positions you for roles such as a Junior IBM Cloud Administrator, Cloud Operations Support Engineer, or Hybrid Cloud Solutions Analyst, by demonstrating your ability to deploy, manage, and secure resources within the IBM Cloud ecosystem.

Q: What practical skills will I acquire that are directly applicable to real-world enterprise cloud environments using IBM Cloud?

You will gain practical skills in provisioning and managing virtual machines, deploying containerized applications with Kubernetes, utilizing various storage solutions (object, block, file), configuring network components, and implementing security and monitoring best practices within IBM Cloud. These hands-on skills are directly transferable to managing cloud resources, optimizing deployments, and troubleshooting issues in an enterprise-level IBM Cloud environment.

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.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke