IBM Cloud Infrastructure Fundamentals

Course#:SL-IBM-CIF
Duration:2 Days
Price:0.00

Course Description

This course introduces you to IBM Bluemix Infrastructures Infrastructure as a Service (IaaS) capabilities. You will then apply this newfound knowledge to a typical e-commerce workload.

Objectives

What Youll Learn

 Cloud terminology

 Advantages of using IBM Bluemix Infrastructure

 Deploy compute instances

 Evaluate multiple network options and security implications

 Differentiate and implement storage options

 Security, compliance, and data privacy

 IBM Bluemix Infrastructure differentiators

Audience

 Who Should Attend

 Individuals who want to learn details about IBM Bluemixs IaaS capabilities

 Individuals responsible for evaluating the technical benefits of using third-party cloud hosting services such as Bluemix for IaaS

 IT solution and software architects who want to assess the suitability of Bluemixs IaaS technologies and how they align with their business requirements

 Application developers who want to learn about Bluemixs IaaS capabilities and how to leverage them into their applications

 Network managers who want to understand IaaS connectivity and performance considerations to manage the computer networks across their businesses

Security managers who want to learn how to design IaaS solutions that protect underlying information using cloud services

Storage managers who need to assess IaaS options to manage their storage architecture strategy

Prerequisites

No-Pre Requisite

Content

Classroom Live Outline

Introducing IBM Bluemix Infrastructure

Defining Cloud Compute Architecture

Connecting to the Network

Storing Data

Securing Your Environment

A Real-World Application

Classroom Live Labs

Lab 1: Navigate the UI

Lab 2: Deploy a VM

Lab 3: Use Image Templates to Deploy Servers Faster

Lab 4: Explore the Bluemix Infrastructure Network Backbone

Lab 5: Use the Bare Metal Server Management

Lab 6: Distribute Workload across Servers and Scale Based on Demand

Lab 7: Allocate Space to a DB Server and Confirm Performance

Lab 8: Protect Servers Exposed to the Internet

Lab 9: Connect to a NAS volume and View Performance

Lab 10: Upgrade Devices

Lab 11: Establish User Security