IBM Bluemix Infrastructure Fundamentals

Duration: 2 Days   Course Code: GK5947

Overview:

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

Target Audience:

Who Should Attend Individuals who want to learn details about IBM Bluemix's 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 Bluemix's IaaS technologies and how they align with their business requirements Application developers who want to learn about Bluemix's 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

Objectives:

- **What You'll 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

Follow-on-Courses:

Practice designing actual Bluemix infrastructures based on business drivers and workload requirements of an e-commerce workload, a social collaboration workload, and a big data workload.

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

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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