

IBM Bluemix Infrastructure Solutions Design

Duration: 3 Days Course Code: GK5950

Overview:

Practice designing actual Bluemix infrastructure deployments based on the business drivers and workload requirements of multiple workload types. In this course, you will practice evaluating and selecting various architectural components to design effective solutions on IBM Bluemix Infrastructure's IaaS.

You will follow a structured design process that includes: Analyzing business drivers and workload requirements; Making architecture decisions and justify the choices; Designing the infrastructure; Creating the detailed design

Each workload in this course is designed to provide a comprehensive overview of Bluemix's capabilities, which helps prepare you to design your own IaaS solutions.

Target Audience:

Cloud, enterprise, IT, solution, and technical architects Software, solution, systems, network, and storage engineers Client service and technical support specialists IT, integration, and business transformation professionals

Objectives:

- **What You'll Learn:**
 - Evaluate the requirements of several workloads and select the appropriate architecture options
- Employ a logical, structured approach to design for various types of workloads
 - Justify your architectural decisions

Prerequisites:

Familiarity with:

- Cloud computing concepts
- Distributed systems
- Multi-tier architectures
- IBM Bluemix Infrastructure Fundamentals

Content:

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| <ul style="list-style-type: none"> 1. E-Commerce <ul style="list-style-type: none"> ■ IBM Bluemix Infrastructure workload requirements ■ IBM Bluemix Infrastructure components ■ The end-to-end design 2. Social Collaboration <ul style="list-style-type: none"> ■ Social collaboration and Bluemix Infrastructure ■ Create the detailed infrastructure design ■ Review the architecture solution | <ul style="list-style-type: none"> 3 Big Data 4. Classroom Live Labs <ul style="list-style-type: none"> ■ Lab 1: Sketch the Architecture ■ Lab 2: Set up the Data Layer ■ Lab 3: Set up the Business Layer ■ Lab 4: Set up the Presentation Layer ■ Lab 5: Set Up Backup and DR Options ■ Lab 6: Finalize the Physical Solution ■ Lab 7: Create the Detailed Infrastructure Design |
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Further Information:

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

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www.globalknowledge.be