IBM Z System Automation 4.3 Architecture

Duration: 2 Days **Course Code: SM919G** **Delivery Method: Virtual Learning**

Overview:

This course introduces and explains the IBM Z System Automation (SA for z/OS) components, architecture, and concepts. Focus is on the System Operations component with Processor Operations as an optional topic.
This course does not include labs.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

This intermediate course is primarily intended for system administrators and system analysts who are responsible for installing the product and defining the automation policy that is used by IBM Z System Automation.

Objectives:

- Describe the IBM Z System Automation 4.3 architecture
- Describe the components of the product
- Describe the product's automation capabilities
- Describe policy-based and goal driven automation
- Explain the key automation concepts and automation policy for applications
- Explain operator interfaces including Service Management Unite
- Explain the request process, inhibitors, and orders
- Describe product details like resource relationships, groups, threshold processing, and message automation
- Describe end-to-end automation
- Describe Processor Operations architecture and implementation options

Prerequisites:

- Good knowledge of IBM Z System Automation architecture and concepts
- Basic knowledge of IBM Z System Automation operations
- Basic z/OS operations skills and started task concepts
- Basic NetView skills
- Basic ISPF use
- JCL coding and z/OS data set allocation

Content:

IBM Z System Automation 4.3 Architecture

- Describe IBM Z System Automation and its capabilities
- Describe the components of the product
- Describe policy-based and goal driven automation
- Describe the product's automation capabilities
- Describe its key operations features
- Describe its integration, additional automation, end-to-end automation, and the configuration Assistant

Architecture and concepts

- Describe the architecture
- Describe the automation agent role and operation
- Describe the automation manager role and operation
- Explain the key automation concepts
- Describe goal driven automation
- Explain the automation statuses and their effect on automation
- Describe automation policy for applications
- Describe resource dependencies and relationships
- Provide an overview of application groups
- Explain automation flags, threshold processing, message policy, and notify operators
- Describe end-to-end automation architecture

Details

- Describe a monitor resource and its effect on the health status of linked resources
- Describe events and triggers
- List MVS automation
- Describe resource relationships details
- Explain the order process
- List and describe factors that can influence goal-driven automation
- List types and natures of application groups
- Explain behavior or attributes of application groups
- List transient resource automation

Processor Operations

- Describe architecture including implementation options
- Explain usage and operator interface
- Describe automation policy

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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