IBM Z System Automation 4.3 Implementation and Administration

Course Number: SM939G

Duration: 5 days

Course Description

In this course, you learn how to define automation policy for IBM Z System Automation (SA for z/OS).

You learn how to create policy definitions for systems, applications, application groups, and monitor resources. This is delivered in an environment with multiple opportunities for hands-on lab exercises. You define automation policy for several environments: single system and multiple system within a basic sysplex. The system automation manager and automation agent run in a z/OS 2.4 environment. The automation platform, IBM Z Netview is at version 6 release 4 and IBM Z System Automation is at version 4 release 3.

Skills Gained

When you complete this course, you can use IBM Z System Automation 4.3 to perform the following tasks:

- Customize z/OS, NetView, and SA using the configuration assistant
- Use the customization dialog to:

? Create a Policy Data Base (PDB) and import automation policy

? Create automation policy to automate z/OS applications and application groups

? Build the automation configuration file and create reports

- Start and stop SA and refresh automation policy
- Monitor and control automated resources
- Customize the SDF component and panels
- Implement end-to-end and pro-active automation
- Describe the coexistence and migration issues for current releases

Who Can Benefit

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

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

Course Details

Outline

IBM Z System Automation overview

Installation and customization

Customization Dialog and Policy Data Base

Defining Applications and building automation configuration files

Additional customization: explore features and functions including use of symbolics in the policy, Application classes, suspend file, Notify Operators, Service Periods, Events, Triggers, and monitor resources

Initialization and runmodes

Gateways and Status Display Facility

Defining Application Groups

End-to-end automation: extend automation to cross-sysplex and to true end-to-end cross platform automation. Use the Universal Automation Adapter to automate resources on distributed systems, for instance running on Linux

Performance-based automation with OMEGAMON

Migration and coexistence with previous releases of SA for z/OS