Operating Tivoli SA z/OS Managed Systems

Course Summary

Description
This course is designed to help the operational staff learn the essential skills needed to monitor and control an IBM z/OS operating system that is automated using IBM's Tivoli System Automation for z/OS software product.

Topics
- Introduction to System Automation for z/OS and NetView
- Operating SA Z/OS-controlled systems and sysplexes
- Troubleshooting Hits, Tips, and Tricks
- Advanced Issues

Audience
This course is intended for system operators who are responsible for operating and controlling an MVS system managed by SA for Z/OS.

Prerequisites
Attendees should be familiar with MVS in general and have a good working knowledge of MVS console operations in a sysplex environment. ProTech courses MVS Skill Pack and MVS System Operation provide this essential background knowledge.

Duration
One day
Operating SA Z/OS Managed Systems
Courseoutline

1. Introduction to System Automation for z/OS and NetView
   A. Why Automation?
   B. Automation Standards
   C. SA z/OS DISPSTAT Panel
   D. SA z/OS I/O Operations
   E. I/O Ops scenario – Remove a CU
   F. SA z/OS Processor Operations
   G. SA z/OS ISQXDST Panel
   H. SA z/OS Release Chart
   I. SA z/OS Policy Management Overview
   J. SA z/OS & NetView Relationship
   K. SA z/OS & NetView Architecture
   L. NetView for Z/OS Install Options
   M. Z/OS NetView Release Chart
   N. NetView Major Components
   O. NetView NMC Interface
   P. NetView Architecture
   R. Key NetView DD Names

2. Automation Manager Overview
   A. What is the Automation Manager?
   B. Automation Manager Architecture
   C. Started task policy definition
   D. Displaying Resource Status
   E. Scenario: Recycling a Resource
   F. Lab: Recycling a Resource
   G. Understanding Parent-Child relationships
   H. Understanding Resource Groups
   I. Scenario: Recycling a group of resources
   J. System Initialization Considerations
   K. Walk through: System Shutdown & Re-IPL
   L. Walk Through: Initial State
   M. Walk Through: Shutdown requested
   N. Walk Through: First wave processing
   O. Walk Through: Second wave processing
   P. Walk Through: Monitoring the Shutdown Process
   Q. Walk Through: Final wave processing
   R. Walk Through: Leaving the Sysplex
   S. Walk Through: Re-IPL
   T. Walk Through: MVS Initialization
   U. Walk Through: NetView Initialization
   V. Walk Through: First Wave Processing
   W. Walk Through: Second Wave Processing
   X. Walk Through: Monitoring the Startup Process
   Y. Walk Through: Final Wave Processing

3. Troubleshooting Hits, Tips, and Tricks
   A. Is it broken, or is it working as designed?
   B. It the resource broken, or is the automation broken?
   C. Is it a NetView problem or an SA z/OS problem?
   D. Is it a policy definition problem, or a software bug?
   E. Gathering proper documentation
   F. What is the Actual status?
   G. What is the SA z/OS status?
   H. Working around the problem temporarily
   I. Repairing and reloading the policy
   J. Lab: Why won’t it shutdown?
   K. Lab: Why won’t it start?
   L. Known Problems and Solutions

4. Advanced Issues
   A. SA z/OS and DB2
   B. SA z/OS and CICS
   C. SA z/OS and OPC/A
   D. SA z/OS and MQ Series
   E. SA z/OS and UNIX System Services
   F. SA z/OS and the NetView Management Console

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