

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

Course Outline

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 NMC Interface
- Q. 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. If 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