

CA-SYSVIEW Performance Management v15: Realtime Performance Monitoring 200

Course Summary

Description

This course provides students the foundation skills needed to successfully install, configure and manage CA SYSVIEW. With a clear understanding of advanced capabilities of CA SYSVIEW, students will be prepared to configure the product to the specific needs of any business environment. Additionally, this training helps to avoid common missteps that can stall progress and negatively impact product implementation.

Objectives

By the end of this course, students will be able to:

- Navigate through product features and customize user sessions
- Exploit customized features to create user commands, line commands, and custom dashboards
- Configure thresholds and alerts for SYSVIEW monitored components
- Use SYSVIEW commands for processor, memory and I/O tuning
- Use SYSVIEW commands for CICS management
- Leverage Resource Management with SYSVIEW WLM commands
- Use SYSVIEW commands TCP/IP Component
- Use SYSVIEW commands for IMS management
- Use MQSeries Utility Commands

Topics

- Basic Navigation and Use
- Exploitation Options
- JES2
- UNIX Systems Services
- MVS Part 1 – CPU
- MVS Part 2 – Memory
- MVS Part 3 – I/O and SYSPLEX
- MVS Part 4 – Workload Manager (WLM)
- MVA Part 5 – System Programmer Tools
- MVS Part 6 – Managing MVS Thresholds
- CICS
- MQSeries
- IMS
- TCP/IP
- Introduction to Wily Introscope/SYSVIEW

Audience

This course is designed for Systems personnel responsible for installing, customizing and maintaining CA-SYSVIEW operations, Systems personnel will learn to leverage the functions of CA-SYSVIEW, integrate with other products, and perform detailed performance analysis, conserve resources, and mitigate high-cost performance problems.

Prerequisites

Students should have a working knowledge of MVS operating system fundamentals. They should also have performance management theory knowledge and a solid understanding of Information Technology (IT) terminology plus familiarity with IPSF application usage.

Duration

Three days

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Course Outline

- I. Basic Navigation and Use**
 - A. Navigating through SYSVIEW
 - B. Accessing HELP and online documentation
 - C. Setting user display options and default options
 - D. Establishing user profiles
 - E. Allocation displays
 - F. Product displays
 - G. Console functions
 - H. Cross System commands
 - I. System information and management utilities (APFIST, LNKLST, etc)
- II. Exploitation Options**
 - A. Event capture feature
 - B. SYSVIEW CLISTS
 - C. QLIST function
 - D. Using INFOAREA in OVERVIEW displays
 - E. Setting up Line/user Commands
 - F. The REXX API
 - G. Using Dashboards
 - H. AUDIT commands and usage
 - I. Persistent Data Store commands and usage
- III. JES2**
 - A. JES2 commands
 - B. JES2 resource displays
- IV. UNIX Systems Services**
 - A. USS commands and resource displays
- V. MVS Part 1 – CPU**
 - A. Processor display commands
 - B. ENQUEUE and TASK display commands
- VI. MVS Part 2 – Memory**
 - A. Displaying storage usage
 - B. Common storage use and VSMTRACKing
 - C. Paging subsystem displays
 - D. Memory objects and >2GB memory allocation
- VII. MVS Part 3 – I/O and SYSPLEX**
 - A. I/O commands for DASD/TAPE
 - B. Coupling Facility display commands
 - C. SYSPLEX display commands and utilities
 - D. LOGSTREAM display and utility functions
- VIII. MVS Part 4 – Workload Manager (WLM)**
 - A. Displaying and using WLM commands
 - B. MVSPart 5 – System Programmer Tools
 - C. Utility functions
 - D. Data set displays
- IX. MVS Part 6 – Managing MVS Thresholds**
 - A. MVSALERTS
 - B. MVS variables
 - C. MVS monitor definitions
 - D. MVS Threshold definitions
- X. CICS**
 - A. CICS resource commands
 - B. CICS utility functions
 - C. CICS Threshold and alert management functions
 - D. CICS & Wily Introscope settings
- XI. MQSeries**
 - A. MQ resource commands
 - B. MQ utility functions
 - C. MQ Threshold and alert management functions
- XII. IMS**
 - A. IMS resource commands
 - B. IMS utility functions
 - C. IMS Threshold and alert management functions
- XIII. XIII. TCP/IP**
 - A. TCP/IP display commands
 - B. TCP/IP utility functions
 - C. TCP/IP invocation of NETSTAT commands
 - D. TCP/IP Threshold and alert management functions
- XIV. Introducing DB2 commands Integrating to Insight/DB2**
 - A. Brief overview of new SYSVIEW commands available to monitor DB2 using the Insight/DB2 product
- XV. Introduction to Wily Introscope/SYSVIEW**
 - A. Overview displays of graphic font-ends