

CA SYSVIEW Performance Management v14: 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

After taking this course, students will be able to:

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

Topics

- CA SYSVIEW Introduction
- CA SYSVIEW Customization and Exploitation Options
- JES2 Commands
- UNIX Systems Services
- MVS CPU Commands
- MVS Storage Commands
- MVS I/O Commands and SYSPLEX Commands
- MVS Workload Manager (WLM) Commands
- MVS Systems Programmer Tools/Utilities
- MVS Exception Handling
- CA SYSVIEW for CICS Component
- CA SYSVIEW for MQ Component
- CA SYSVIEW for IMS Component
- CA SYSVIEW for TCP/IP Component
- CA SYSVIEW for DB2 Components

Audience

- Data Center Managers
- System Programmers
- Operators

Prerequisites

- Working knowledge of MVS operating system fundamentals
- Performance management theory knowledge
- Solid understanding of Information Technology (IT) terminology
- Familiarity with IPSF application usage

Duration

Three Days

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Course Outline

- I. **CA SYSVIEW Introduction**
 - A. Navigating through CA SYSVIEW
 - B. Accessing HELP and online documentation
 - C. Setting user display options and default options
 - D. Establishing user profiles
- II. **CA SYSVIEW Customization and Exploitation Options**
 - A. Event capture feature
 - B. System Condition Monitor (SCM)
 - C. CA SYSVIEW CLISTS
 - D. QLIST function
 - E. Using INFOAREA in OVERVIEW displays
 - F. Setting up Line/user Commands
 - G. The REXX API
 - H. Using Dashboards
 - I. AUDIT commands and usage
 - J. Persistent Data Store commands and usage
- III. **JES2 Commands**
 - A. JES2 commands
 - B. JES2 resource displays
- IV. **UNIX Systems Services**
 - A. USS commands and resource displays
- V. **MVS CPU Commands**
 - A. Processor display commands
 - B. ENQUEUE and TASK display commands
- VI. **MVS Storage Commands**
 - A. Displaying storage usage
 - B. Common storage use and VSMTRACKing
 - C. Paging subsystem displays
- D. Memory objects and >2GB memory allocation
- VII. **MVS I/O Commands and SYSPLEX Commands**
 - 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 Workload Manager (WLM) Commands**
 - A. Displaying and using WLM commands
- IX. **MVS Systems Programmer Tools/Utilities**
 - A. Utility functions
 - B. Data set displays
 - C. Allocation displays
 - D. Product displays
 - E. Console functions
 - F. Cross System commands
 - G. System information and management utilities (APFLIST, LNKLIST, etc.)
- X. **MVS Exception Handling**
 - A. MVS ALERTS
 - B. MVS variables
 - C. MVS monitor definitions
 - D. MVS Threshold definitions

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Course Outline (cont.)

XI. CA SYSVIEW for CICS Component

- A. CICS resource commands
- B. CICS utility functions
- C. CICS Threshold and alert management functions CICS & CA Application Performance Management settings

XII. CA SYSVIEW for MQ Component

- A. MQ resource commands
- B. MQ utility functions
- C. MQ Threshold and alert management functions

XIII. CA SYSVIEW for IMS Component

- A. IMS resource commands
- B. IMS utility functions
- C. IMS Threshold and alert management functions

XIV. CA SYSVIEW for TCP/IP Component

- 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

XV. CA SYSVIEW for DB2 Components

- A. Brief overview of new CA SYSVIEW commands available to monitor DB2 using CA Insight for DB2 Product