

CA Workload Automation CA 7 Edition r11.3: Basic Operations and Administration 200

Course Summary

Description

Build the knowledge and skills you need to use CA Workload Automation CA 7 Edition to implement workloads and control batch production processing. As you learn how to create, monitor and control work from the CA Workload Automation CA 7 Edition Web Client and 3270 interfaces, the screen shots, quizzes and hands-on workshops will give you practical experience of defining jobs, schedules and requirements, and of monitoring, controlling and forecasting workloads.

Objectives

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

- Describe the major functions of CA Workload Automation CA & Edition r11.3
- Understand basic scheduling concepts used by CA Workload Automation CA & Edition.
- Create calendar and event-driven schedules of work.
- Set up job dependencies and requirements
- Execute various display, action and system commands, relating to daily monitoring
- Forecast workloads to help with impact analysis of failures
- Use built-in facilities for automating JCL changes
- Understand the concepts of Virtual Resource Management and how to set them up
- Get an overview of the Automated Recovery Facility

Topics

- Component Overview
- Configuration Overview
- Workload Definition
- Scheduling Jobs
- Defining Dependencies
- Using Virtual Resources
- Monitoring and Managing
- Automating JCL
- ARF Overview
- Reporting and Graphs

Audience

This course is designed for Schedulers, Operators, and IT Managers.

Prerequisite

Experience with scheduling, JCL and production control activities required.

Duration

Four Days

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Course Outline

I. *Component Overview*

- A. Identify required and optional components
- B. Describe Control System tasks and processing
- C. Understand the database and Queue functions
- D. Quiz

II. *Configuration Overview*

- A. Review common initialization settings covering those for startup execution, cross-platform workloads and security
- B. Determine the effects of these various settings on CA 7 processing
- C. Quiz

III. *Workload Definition*

- A. Identifying information required for job definitions
- B. Understand the order for defining workloads
- C. Using the job definition function
- D. Setting values to provide processing controls
- E. Quiz and Lab Challenge

IV. *Scheduling Jobs*

- A. Understand scheduling in CA WA CA 7 Edition
- B. Creating base calendars and schedules
- C. The concept of schedule IDs
- D. The Schedule Scan process
- E. Event driven triggering functions
- F. Quiz and Lab Challenge

V. *Defining Dependencies*

- A. Identify the various types of dependencies
- B. Creating user, job and dataset dependencies
- C. Mutually exclusive processing
- D. Quiz and Lab Challenge

VI. *Using Virtual Resources*

- A. The concepts of Virtual Resources
- B. Virtual Resource types
- C. Creating and using Virtual Resources
- D. Settings to manage Virtual Resources
- E. Quiz and Lab Challenge

VII. *Monitoring and Managing*

- A. Using displays to monitor active workloads
- B. Action functions to manage active workloads
- C. Performing problem root cause analysis
- D. Restarting failed workloads
- E. Handling on-request workloads
- F. Forecasting functions for daily planning
- G. Quiz and Lab Challenge

VIII. *Automating JCL*

- A. Use of CI libraries in CA 7
- B. Defining and using Global Variables
- C. Function of CA 7 JCL control cards
- D. Automating JCL updates through CA Driver
- E. Quiz

IX. *ARF Overview*

- A. Understand the concept of ARF and ARFSETS
- B. Displaying active ARFSETS
- C. Determine possible uses of the functionality
- D. Quiz

X. *Reporting and Graphs*

- A. Historical Reporting
- B. Automated Performance Analysis graphs
- C. CA Easy retrieve reporting
- D. Quiz