

CA Endeavor Software Change Manager: Administrator 200

Course Summary

Description

Software deployment involves many steps and stages and can be slow and prone to errors when these steps are performed manually. CA Endeavor Software Change Manager (CA Endeavor SCM) is an integrated set of a management tools that can be used to automate, control, and monitor the mainframe software development lifecycle. With the ability to support unique development lifecycles, CA Endeavor SCM provides automated and comprehensive change and configuration management.

In this course, you will examine how CA Endeavor SCM manages the software change, plan the software development lifecycle by defining the different stages in the development process, and configure CA Endeavor SCM to effectively manage the software development lifecycle process defined. By attending this course, you can gain the knowledge and skills needed to help your organization successfully plan, implement, and maintain CA Endeavor SCM as a software change management tool,

Objectives

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

- Identify how CA Endeavor SCM can be used to implement the software change management lifecycle
- Describe the inventory structure and the components required to plan and successfully implement CA Endeavor SCM in different environments.
- Create the inventory structure and components required to implement software lifecycle management in CA Endeavor SCM.
- Write and update processor statements to define the programs and utilities that run.
- Define approver groups and approver group relations for packages that require approval processing.
- Perform administrative and maintenance tasks in CA Endeavor SCM to manage routine post-implementation operation of CA Endeavor SCM in a given environment.

Topics

- Introduction/Overview
- Agile and Concurrent Development Configuration
- Create the Inventory Structure
- Create Processor Groups
- Manage Processors
- Create and Maintain Processors
- Manage Packages and Approval Processing
- Perform Package Processing
- Perform Post-Package Processing Actions
- Describe Additional Administration Functions
- Describe the Eclipse-Based User Interface

Audience

This course is designed for System and Change Administrators.

Prerequisite

- Thorough understanding of the application life cycle of your organization
- Familiarity with z/OS JCL and utilities, and TSO/ISPF
- 06END10100: CA Endeavor Software Change Manager V17: End User Fundamentals 200

Duration

Five Days

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Course Outline

- I. Introduction/Overview**
 - A. Describe the key features of CA Endeavor SCM
 - B. Describe the concepts and terminology
 - C. Describe Inventory Structure and Management
 - D. Identify Additional Features and Plug-ins
- II. Agile and Concurrent Development Configuration**
 - A. Enable your developers to create their own development code branches (sandbox subsystems) that map to the code trunk
 - B. Perform the recommended sandbox development process
 - C. Resolve change conflicts caused by concurrent development activity
 - D. Configure CA Endeavor SCM for concurrent development
- III. Create the Inventory Structure**
 - A. Create a system, subsystem, and type
 - B. Define element registration
 - C. Create inventory structures with the Batch Admin utility
- IV. Create Processor Groups**
 - A. Create processor groups
 - B. Describe symbols and processor flexibility
- V. Manage Processors**
 - A. Build processors
 - B. Test processors
 - C. Run the move and delete processors
- VI. Create and Maintain Processors**
 - A. Modify an existing processor
- VII. Manage Packages and Approval Processing**
 - A. Describe the role of packages in release management
 - B. Define approver groups and approver relations
 - C. Describe package processing
- VIII. Perform Package Processing**
 - A. Create and cast a package
 - B. Review, execute, and commit a package
- IX. Perform Post-Package Processing Actions**
 - A. Describe utilities used for package processing
 - B. Deploy package outputs
- X. Describe Additional Administration Functions**
 - A. Apply Transfer, Archive, Restore, Copy, Search, and replace, and signout/signin actions
 - B. Identify migration support issues
 - C. Perform maintenance
- XI. Describe the Eclipse-Based User Interface**
 - A. Describe CA Endeavor Web Services
 - B. Describe the Eclipse-based UI installation
 - C. Compare views and perspectives
 - D. Describe setting preferences