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CA Endevor: Web Services 300

EDUCATION COURSE DESCRIPTION

SUPPORTED PRODUCT RELEASE(S)
CA Endevor
Version 18 or greater

COURSE TYPE, LENGTH, & CODE
- Web-based Training (WBT)
- 1.5 hours
- 06END30020

PREREQUISITE(S)
- Advanced CA Endevor Administrator experience
  or
- CA Endevor: Administrators Bundle
  06END2026B or
  06END20261
  Web-based Training (WBT) or Instructor-Led Training (ILT)

WHO SHOULD ATTEND
- CA Endevor Administrator
- CA Common Services CAICCI Administrator
- Security Administrator
- Web Applications Administrator

Course Overview

A Web Service is a method of communication between two electronic devices/programs over a network using a common internet protocol backbone.

CA Endevor Web Service can be used to connect your user-written program to the CA Endevor API. One of the most common uses of the CA Endevor Web Service is to connect the Eclipse GUI with the mainframe and CA Endevor.

UNIX System Services (USS) is used to configuring and deploying Web Services on your z/OS system.

In this course, you will learn what a Web Service is and how it works; more specifically, you will learn how to implement and install the CA Web Service and validate that it's running. You will also learn how to update the Web Service as needed. This course combines content presentation, audio, and hands-on simulations.

This Course Will Show You How To:

- Identify the Web Services components

- Describe the Web Services implementation

- Install & initiate the Tomcat

- Install & enable the Web Services

- Invoke API requests through the Web Services to validate functionality

- Identify the use of webhooks

- Update the Web Services

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Course Agenda

Module 1: Introducing Web Services

- Overview
- What is a Web Service
- Accessing the CA Endevor API
- Building a Implementation team

Module 2: Implementing Web Services

- Decisions and Requirements

Module 3: Installing and Initiating Tomcat

- What is Tomcat
- Common Services
- Directory Structure

Module 4: Installing Web Services

- CSM vs. ESD Installation Processes
- Introduction to the ENWSInstallOptions.properties file

Module 5: Enabling Web Services

- Modifying the ENWSInstallOptions.properties file
- Secure or Unsecure servers
- Key parameters for Tomcat

Module 6: Initializing Web Services

- Starting Tomcat
- Verifying that Tomcat is active

Module 7: Validating API Requests

- Using supplied and third-party tools to validate API requests
- Using two examples: API Tester and Postman

Module 8: Working with Webhooks

- Overview of Webhooks
- What is a Webhook
- Webhook installation
- Using the Event Logger

Module 9: Updating Web Services

- Steps to update Web Services
- Modifying the ENWSInstallOptions.properties file for an update

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Course Resources

Communities

https://community.broadcom.com/mainframesoftware/communities/communityhomeblogs?CommunityKey=592eb6c9-73f7-460f-9aa9-e5194cdafcd2

Learning Path

https://community.broadcom.com/education/communities/communityhomeblogs?CommunityKey=bd92ecf3-d291-44ae-87ef-f17f7697397e

Documentation

http://techdocs.broadcom.com/content/broadcom/techdocs/us/en/ca-mainframe-software/devops/ca-endevor-software-change-manager/18-1.html

Product Information

https://www.broadcom.com/products/mainframe/devops-app-development/app/endevor-software-change-manager