

Getting Started with DevOps: Source Code Analysis 200

EDUCATION COURSE DESCRIPTION

COURSE TYPE, LENGTH, & CODE

- Web-based Training (WBT)
- 45 minutes
- 06DEV20010

PREREQUISITE(S)

- Getting Started with DevOps:
Introduction to DevOps 100
06DEV10010
WBT – 45 minutes

WHO SHOULD ATTEND

- Developers
- Systems Engineers
- Administrators

Course Overview

DevOps is a set of practices and philosophies that combines software development and IT operations. Its goal is to shorten the development life cycle and provide continuous, high-quality deliverables while evolving and improving the process with each delivery.

This course will introduce you to source code analysis. Source code analysis (sometimes referred to as source code scanning) is the automated testing of source code to debug software before release.

While source code analysis can be implemented with many combinations of products, this course will focus, primarily, with CA Endevor and SonarQube. Lessons learned may be extrapolated for other products.

This Course Will Show You How To:

- Define Source Code Analysis
- Set-Up & Configure Source Code Analysis
- Execute Source Code Analysis

Course Agenda

Module 1: What is Source Code Analysis

- Define Source Code Analysis
- Identify potential system requirements

Module 2: Setting Up & Configuring for Source Code Analysis

- Installing SonarQube with CA Endeavor

Module 3: Executing Source Code Analysis

- Overview of an CA Endeavor-SonarQube execution
- Overview of a CA Endeavor-GitHub execution
- Overview of a Jenkins pipeline using CA Endeavor-SonarQube