



## IMPLEMENTING CISCO ENTERPRISE SD-BRANCH (ENSDBI) V1.0

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The Implementing Cisco Enterprise SD-Branch (ENSDBI) v1.0 course is designed to teach you to understand the Cisco® Software-Defined (SD)-Branch architecture and Cisco Enterprise Network Functions Virtualization (ENFV) solution. Through a series of in-person or e-learning lectures and labs, you will learn about the supported hardware platforms with a focus on the components, installation, and upgraded workflows of the Cisco Enterprise Network Compute System (ENCS) 5400 series. Additionally, this course will help you build your skills on Virtual Network Functions (VNF) deployment and orchestration solutions on Cisco ENCS.

#### How you'll benefit

This class will help you:

- Develop the knowledge necessary to understand the Cisco SD-Branch and its architecture
- Deploy the Cisco ENCS
- Gain hands-on experience with Cisco Network Function Virtualization Infrastructure (NFVIS) and vManage
- Further your skills as a system installer, integrator, or administrator

#### Why Attend with Current Technologies CLC

- Our Instructors are in the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

#### Who Should Attend

The primary audience for this course is as follows:

- System Installers
- System Integrators
- System Administrators
- Network Administrators

#### Prerequisites

Before enrolling in this course, you should have:

- A strong understanding of routing protocol operation, including interior and exterior routing protocol operations
- Familiarity with Transport Layer Security (TLS) and IP Security (IPSec)
- A basic understanding of Hypervisor and virtualization

#### Course Duration

2 days

#### Course Price

\$1,995.00 or 20 CLCs

#### Methods of Delivery

- Instructor Led
- Virtual ILT
- On-Site

## **OUTLINE**

Module 1: Introducing Cisco SD-Branch Architecture and Cisco ENFV Solution

Module 2: Preparing Cisco ENCS Device for Deployment

Module 3: Deploying VNFs on Cisco ENCS

Module 4: Working with Cisco ENCS Orchestration

Module 5: Monitoring and Managing Cisco ENFV Components

## **LAB OUTLINE**

Lab 1: Explore Cisco ENCS and Cisco Enterprise NFVIS Portal

Lab 2: Deploy Cisco Virtual Machines (VMs) and VNFs

Lab 3: Deploy Orchestration using Cisco vManage

Lab 4: Monitor and Troubleshoot Cisco ENCS device