Implementing Cisco Enterprise SD-Branch (ENSDBI)

Price: 2000

Duration: 2 days

Delivery Methods: Virtual

Overview

The Implementing Cisco Enterprise SD-Branch (ENSDBI) training 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 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 training will help you build your skills on Virtual Network Functions (VNF) deployment and orchestration solutions on Cisco ENCS.

Who Should Enroll

The primary audience for this course is as follows:
- System installers
- System integrators
- System administrators
- Network administrators
- Instructors
- Content developers

How you'll benefit

This training 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

COURSE OBJECTIVES

After taking this training, you should be able to:
- Describe the Cisco SD-Branch solution and its architecture
- Explain the hardware components of the Cisco ENCS 5400 and Cisco Catalyst® 8200 Series Edge Universal Customer Premises Equipment (uCPE)
- Install and access the Cisco Enterprise NFVIS on Cisco ENCS 5400
- Understand the VNF Lifecycle management and its deployment
- Identify Cisco Enterprise NFVIS Security considerations
- Explain the Cisco SD-WAN solution and its components
- Describe the Cisco ENCS orchestrations systems and Representational State Transfer (REST) APIs
- Deploy the Cisco ENCS using orchestrators
- Monitor and troubleshoot Cisco ENFV components using Cisco vManage

Learning Path Prerequisites

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:
- 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 OUTLINE
- Introducing Cisco SD-Branch Architecture and Cisco ENFV Solution
- Preparing Cisco ENCS Device for Deployment
- Deploying VNFs on Cisco ENCS
- Working with Cisco ENCS Orchestration
- Monitoring and Managing Cisco ENFV Components

Course Schedule

Date	Time	Price	Options

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FAQ

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Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

How do I enroll for this class?

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What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

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