

ENSDA

Deploying Cisco SD-Access

24 horas

Automation, Programmability & DNA

Cisco

INTRODUÇÃO

The Deploying Cisco SD-Access (ENSDA) v1.1 course teaches you how to successfully deploy the Cisco® Software-Defined Access (SD-Access) solution in your enterprise network. This advanced-level, instructor-led, lab-based, hands-on course covers SD-Access fundamentals, provisioning, policies, wireless integration, border operations, and migration strategies. The course also discusses how Cisco SD-Access fits into the Cisco Digital Network Architecture (Cisco DNA).

This course will help you:

- Gain hands-on practice using SD-Access with lab exercises;
- Deepen your understanding of the SD-Access solution;
- Prepare for successful SD-Access deployment.

OBJETIVO DO CURSO

Upon completion of this course, you should be able to:

- Describe Cisco SD-Access and how it relates to Cisco DNA;
- Orchestrate a Cisco SD-Access solution using the Cisco DNA Center™ orchestration platform;
- Use the Network Data Platform to demonstrate the assurance and analytics capabilities of SD-Access.

PÚBLICO-ALVO

Network engineers, especially those who work for enterprise organizations using Cisco Digital Network Solutions.

PRÉ-REQUISITOS

Before taking this course:

- You should have an understanding of network routing and switching principles equivalent to the Cisco CCNA® certification level.

CONTEÚDO PROGRAMÁTICO

Course Introduction

Course Outline

Course Objectives & Goals

Cisco SD-Access Overview

Exploring Cisco SD-Access

Describing the Cisco SD-Access Architecture

Exploring Cisco DNA Center

Configuring Underlay Automation

Cisco SD-Access Implementation

ISE Integration in Cisco DNA Center

Policy Provisioning Basics

Navigating and Managing the Policy Application Workflows

Cisco SD-Access Border Operations

Cisco SD-Access Deployment Models

Connecting the Fabric to External Domains

Wireless Integration Orchestration

Integrating Wireless with the Cisco SD-Access Solution

Workflow of Cisco SD-Access Wireless

Cisco SD-Access Wireless Network Design

Cisco SD-Access Wireless Basic Operation

Cisco SD-Access Assurance and Migration

Cisco Network Data Platform

Cisco SD-Access Migration Strategies

Lab outline

Lab 1: Validating Cisco DNA Center and Underlay Connectivity

Lab 2: Configuring the Identity Services Engine

Lab 3: Enabling Dynamic Authentication

Lab 4: Configuring Cisco DNA Center Design

Lab 5: Creating SD-Access Policy

Lab 6: Provisioning SD-Access Overlay

Lab 7: Configuring SD-Access Wireless Integration

Lab 8: Configuring Wireless Hosts and Access Points