

SD-ACCESS – Cisco DNAC- LAN Automation

What you'll learn in this course

- 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

Objectives

- 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

Prerequisites

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

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Course Outline

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 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

- Validating DNA Center and Underlay Connectivity
- Configuring the Identity Services Engine
- Enabling Dynamic Authentication
- Configuring DNA Center Design
- Creating SD-Access Policy
- Provisioning SD-Access Overlay
- Configuring SD-Access Wireless Integration
- Configuring Wireless Hosts and Access Points