Deploying Cisco SD-Access (ENSDA) v1.1

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).

How you'll benefit
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

Who should enroll
➢ System engineers
➢ Network engineers
➢ Technical architects
➢ Technical support personnel
➢ Channel partners and resellers

Course details

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

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