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## Deploying Cisco SD-Access

DURATION: 3-4 DAYS

COURSE CODE: ENSDA-V

FORMAT: VIRTUAL

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### COURSE DESCRIPTION

The ENSDA - Deploying Cisco SD-Access v1.0 course teaches you how to successfully deploy the Cisco Software-Defined Access (SD-Access) solution in your enterprise network. This advanced, 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).

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 ATTEND

System engineers

Network engineers

Technical architects

Technical support personnel

Channel partners and resellers

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### PREREQUISITES

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

You should have a basic understanding of ISE and SD-Access

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### LEARNING OBJECTIVES

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

Gain hands-on practice using SD-Access with lab exercises

Deepen your understanding of the SD-Access solution

Prepare for successful SD-Access deployment

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## COURSE OUTLINE

### 1. Cisco SD-Access Overview

- Exploring Cisco SD-Access
- Describing the Cisco SD-Access Architecture
- Exploring Cisco DNA Center
- Configuring Underlay Automation

### 2. Cisco SD-Access Implementation

- ISE Integration in DNA Center
- Policy Provisioning Basics
- Navigating and Managing the Policy Application Workflows

### 3. Cisco SD-Access Border Operations

- Cisco SD-Access Deployment Models
- Connecting the Fabric to External Domains

### 4. 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

### 5. Cisco SD-Access Assurance and Migration

- Cisco Network Data Platform
- Cisco SD-Access Migration Strategies

## DISCOVERY LABS

- 1: Validating DNA Center and Underlay Connectivity
- 2: Configuring the Identity Services Engine
- 3: Enabling Dynamic Authentication
- 4: Configuring DNA Center Design
- 5: Creating SD-Access Policy
- 6: Provisioning SD-Access Overlay
- 7: Configuring SD-Access Wireless Integration
- 8: Configuring Wireless Hosts and Access Points