



NIL
LEARNING



Deploying Cisco SD-Access (ENSDA)

The *Deploying Cisco SD-Access (ENSDA) v1.0* 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 completing this course, the learner will be able to meet these overall 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

Outline

The course contains these components:

- 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

Course Duration

This course is available as:

- **Instructor-led training:** 3 days in the classroom with hands-on lab practice
- **Virtual instructor-led training:** 4 days of web-based classes with hands-on lab practice

Audience

- System engineers
- Network engineers
- Technical architects
- Technical support personnel
- Channel partners and resellers

Prerequisite Knowledge

Before taking this course:

- You should have an understanding of network routing and switching principles equivalent to [the Cisco CCNA certification](#) level.
- You should have completed the e-learning course [Preparing the ISE for SD-Access \(for Customers\) \(CUST-SDA-ISE\)](#).

NIL – More than Just a Training Company

NIL Learning gives you knowledge and skills that accelerate the growth of your competencies. You'll gain direct benefits from our theoretical expertise and practical experiences. We provide proven competencies and long tradition, along with insight into present and future challenges and trends.

NIL Learning delivers leading-edge **Cisco, CWNP, ipSpace & other technical training** to IT professionals and companies around the globe. Through field-proven experts - **each is an active engineer, content developer and instructor** - we enhance the standard learning curriculum with real-life experience to maximize the client's training investment.

Leading Cisco Learning Partner for over 25 years

Since 1992, NIL has been at the forefront of advanced contributors to strategic partner Cisco's technologies, learning curriculum and value-added solutions deployed to clients around the globe. For our training achievements, contribution to Cisco training portfolio and highest customer satisfaction, we were also awarded with [Cisco Global Learning Partner of the Year](#) and [Cisco EMEAR Learning Partner of the Year](#) titles. NIL holds [Cisco Platinum Learning Partner](#) status and [Cisco Business Learning Partner](#) status.

NIL Learning is part of [NIL Ltd](#), a leading global IT solutions and services provider. NIL is headquartered in Slovenia, with regional offices and representatives in Croatia, India, Macedonia, Morocco, Saudi Arabia, Serbia, South Africa, United Arab Emirates and the U.S.

Why learn at NIL LEARNING?

- You will gain relevant and job-ready skills.
- You will get more than just standard content – our instructors augment the courses with practical and useful examples from real-life situations.
- You can attend a training onsite or remotely; and save time and money on accommodation and travelling.

- You can choose from a full range of standard and advanced Cisco courses.
- We can customize a training to your specific needs or develop it for you.
- Worldwide training delivery.
- High customer satisfaction.
- All NIL LEARNING instructors are **field-proven experts** - each both active engineer and instructor.
- 75% of NIL LEARNING engineers hold CCSI certifications, and 20 have already achieved the respected CCIE rank.
- NIL LEARNING enhances the standard learning curriculum with real-life experience and helps clients to maximize their training investment.
- NIL has been a Cisco Training Partner since 1993; today NIL holds **Cisco Platinum Learning Partner** status and **Cisco Business Learning Partner** status.
- NIL was awarded the Cisco Most Business Relevant Learning Partner in MEA in 2010 and the most innovative learning partner in MEA.
- NIL received the **Innovation Award** for its Technology Led Training and its extensive contribution to Cisco learning solutions at the Cisco EMEAR Learning Partner Summit in 2012.
- NIL received the **Innovation Award** for its Technology Led Training and Advanced Engineer Program at the Cisco Global Learning Partner Summit in 2013.
- NIL LEARNING runs a centralized training schedule across the whole EMEAR region.
- NIL received Cisco Global Learning Partner of the Year Award in 2014
- NIL received Cisco EMEAR Learning Partner of the Year 2016.
- NIL received Cisco Global Learning Partner of the Year 2018 - Collaborator Award.

More Info

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