# Understanding Cisco SDA Fundamentals

**Category:** Networking & Security | **Vendor:** Cisco

**Duration:** 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

The Understanding Cisco SDA Fundamentals (SDAFND) v1.0 course introduces you to Cisco® Software-Defined Access and teaches you, through a combination of lectures and labs, how to implement simple, single-site fabric networks.
You will learn the benefits of leveraging Software-Defined Access in the Cisco-powered Enterprise Campus network. SDAFND will introduce the solution, its architecture and components, and guide you through labs to design and deploy simple Cisco SD-Access networks.

This course will help you:

- Deploy Cisco SD-Access networks
- Explain Cisco Software-Designed Access
- Operate, manage, and integrate Cisco DNA Center™
- Prepare for various Cisco certifications: Cisco Certified Specialist – Enterprise Core (ENCOR), and Cisco Certified Specialist – Enterprise Design (ENSLD)

## About This Course

The Understanding Cisco SDA Fundamentals (SDAFND) v1.0 course introduces you to Cisco® Software-Defined Access and teaches you, through a combination of lectures and labs, how to implement simple, single-site fabric networks.

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## Who Should Attend

- Field engineers
- Network engineers
- Network administrators
- System engineers

## Prerequisites & Entry Requirements

**General Prerequisites:**

To fully benefit from this course, you should have the following knowledge and skills:

- CCNP® level core networking knowledge
- Ability to use Windows and Linux CLI tools such as ping, SSH, or running scripts

These are the recommended Cisco offerings that may help you meet these prerequisites:

- Implementing and Administering Cisco Solutions (CCNA)
- Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)

We recommend prior attendance of the courses

- Wireless Fundamentals 1 (WFUN1) and Wireless Fundamentals 2 (WFUN2) or
- Certified Wireless Network Administrator (CWNA)

## Learning Outcomes

**Upon successful completion of this course, participants will be able to:**

After taking this course, you should be able to:

- Describe Cisco SD-Access architecture and its components
- Explain Cisco DNA Center deployment models, scaling, and high availability
- Identify Cisco SD-Access fabric protocols and node roles
- Understand the Cisco SD-Access Wireless deployment models
- Automate Day 0 device onboarding with Cisco DNA Center LAN Automation and Network PnP
- Deploy simple Cisco SD-Access fabric networks
- Monitor health and performance of the network with Cisco DNA Center Assurance
- Interact with the Cisco DNA Center Platform Intent APIs

## Detailed Course Outline

- Introducing Cisco SD-Access
- Introducing Cisco DNA Center
- Exploring Cisco SD-Access Solution Components
- Exploring Cisco SD-Access Wireless Architecture
- Automating Network Changes with Cisco DNA Center
- Deploying Fabric Networks with Cisco DNA Center
- Exploring Cisco DNA Center Assurance
- Exploring Cisco DNA Center Programmability

**Skills You Will Learn:**

After taking this course, you should be able to:<br><br><br><br>- Describe Cisco SD-Access architecture and its components<br>- Explain Cisco DNA Center deployment models, scaling, and high availability<br>- Identify Cisco SD-Access fabric protocols and node roles<br>- Understand the Cisco SD-Access Wireless deployment models<br>- Automate Day 0 device onboarding with Cisco DNA Center LAN Automation and Network PnP<br>- Deploy simple Cisco SD-Access fabric networks<br>- Monitor health and performance of the network with Cisco DNA Center Assurance<br>- Interact with the Cisco DNA Center Platform Intent APIs

# Frequently Asked Questions

### Q: What delivery options are available for Understanding Cisco SDA Fundamentals?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

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### Q: How many CPD hours does this course provide?

The 3-day Understanding Cisco SDA Fundamentals course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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### Q: What is the duration of the Understanding Cisco SDA Fundamentals training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

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### Q: Do you provide corporate training for Understanding Cisco SDA Fundamentals?

Yes, we provide corporate training, dedicated training, and closed classes for Understanding Cisco SDA Fundamentals. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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### Q: What related terms do people search for?

Popular related searches include: Understanding Cisco SDA Fundamentals, Cisco Software Defined Access (SDA), SDAFNDX

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### Q: Why choose Nexus Human for Understanding Cisco SDA Fundamentals?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

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### Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Understanding Cisco SDA Fundamentals training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.


## Nexus Human

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