

# Cisco Software Defined Access and ISE Integration for Policy Deployment and Enforcement (SDAISE)

**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

Software-Defined Access (SD-Access) is the industry's first intent-based networking solution for the Enterprise built on the principles of Cisco's Digital Network Architecture (DNA). SD-Access provides automated end-to-end segmentation to separate user, device and application traffic without redesigning the network. SD-Access automates user access policy so organizations can make sure the right policies are established for any user or device with any application across the network. This is accomplished with a single network fabric across LAN and WLAN which creates a consistent user experience anywhere without compromising on security.

## About This Course

Software-Defined Access (SD-Access) is the industry's first intent-based networking solution for the Enterprise built on the principles of Cisco's Digital Network Architecture (DNA). SD-Access provides automated end-to-end segmentation to separate user, device and application traffic without redesigning the network. SD-Access automates user access policy so organizations can make sure the right policies are established for any user or device with any application across the network. This is accomplished with a single network fabric across LAN and WLAN which creates a consistent user experience anywhere without compromising on security.

## Who Should Attend

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The primary audience for this course is as follows: Anyone interested in knowing about SD-Access Personnel involved in SD-Access Design and Implementation Network Operations team with SD-Access solution

# Learning Outcomes

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

Upon completing this course, the learner will be able to meet these overall objectives:

- Explain the role that ISE plays as part of the solution
- Configure AAA services and TrustSec Policy in ISE
- Explain ISE Integration with DNA Center for Policy enforcement
- Know and understand Cisco's SD-Access concepts, features, benefits, terminology and the way this approach innovates common administrative tasks on today's networks.
- Differentiate and explain each of the building blocks of SD-Access Solution
- Explain the concept of Fabric and the different node types that conform it (Fabric Edge Nodes, Control Plane Nodes, Border Nodes)
- Describe the role of LISP in Control Plane and VXLAN in Data Plane for SD-Access Solution
- Understand TrustSec concepts, deployment details and the way it is used as part of SD-Access Solution for segmentation and Policy Enforcement
- Understand the role of DNA Center as solution orchestrator and Intelligent GUI
- Be familiar with workflow approach in DNA Center Design, Policy, Provision and Assurance

## Additional Course Details

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Nexus Humans Cisco Software Defined Access and ISE Integration for Policy Deployment and Enforcement (SDAISE) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Cisco Software Defined Access and ISE Integration for Policy Deployment and Enforcement (SDAISE) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

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## **Q: What delivery options are available for Cisco Software Defined Access and ISE Integration for Policy Deployment and Enforcement (SDAISE)?**

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 Cisco Software Defined Access and ISE Integration for Policy Deployment and Enforcement (SDAISE) 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 Cisco Software Defined Access and ISE Integration for Policy Deployment and Enforcement (SDAISE) 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 Cisco Software Defined Access and ISE Integration for Policy Deployment and Enforcement (SDAISE)?**

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Software Defined Access and ISE Integration for Policy Deployment and Enforcement (SDAISE). 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: Why choose Nexus Human for Cisco Software Defined Access and ISE Integration for Policy Deployment and Enforcement (SDAISE)?

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 **PENPALS** when booking your Cisco Software Defined Access and ISE Integration for Policy Deployment and Enforcement (SDAISE) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

# Nexus Human

## Professional Training & Development

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