

# Cisco Software-Defined Access Implementation and Troubleshooting (SDAIT)

ID SDAIT Prix CHF 4 280,- (Hors Taxe) Durée 5 jours

## A qui s'adresse cette formation

- Solution Architects
- Network Designers
- Pre-Sales Engineers
- Technical Marketing Engineers
- Technical Decision Makers
- Network Engineers

## Pré-requis

The following list describes the assumed knowledge required to successfully undertake this course:

- Cisco Certified Network Associate (CCNA) certification, or equivalent working experience/knowledge
- Cisco Certified Network Professional Enterprise (CCNP), or equivalent working experience/knowledge
- Working knowledge or experience with Cisco DNA Center
- Working knowledge or experience with Cisco ISE
- Working knowledge or experience with Cisco wireless solutions

## Objectifs

At the conclusion of this course, learners will be able to:

- Discuss the Cisco Software-Defined Access solution and describe the solution components and architecture
- Understand the functions and role of Cisco DNA Center and Cisco ISE, in particular their integration
- Understand Cisco's Intent-Based Networking solution, in particular DNA Automation and Assurance
- Deploy a network segmentation policy using Cisco Software-Defined Access solutions, namely Cisco TrustSec
- Deploy a Cisco Software-Defined Access solution and connect it to external domains such as data centers and remote/branch offices using IP, Cisco Software-Defined Access and SD-WAN transits
- Deploy Cisco Software-Defined Access wireless in both traditional OTT and fabric operational modes
- Troubleshoot a Cisco Software-Defined Access solution

using appropriate CLI and DNA Center tools

## Contenu

### Module 1: Introducing Cisco Software-Defined Access

- Lesson 1: Intent-Based Networking
- Lesson 2: DNA Center Overview
- Lesson 3: Introducing Cisco Software-Defined Access
- Lesson 4: Cisco Software-Defined Access Architecture
- Lesson 5: Fabric Overview
- Lesson 6: Cisco ISE in Cisco Software-Defined Access
- Lesson 7: Deploying Cisco Software-Defined Access

### Module 2: Securing Cisco Software-Defined Access Solutions

- Lesson 1: Cisco TrustSec Overview
- Lesson 2: Cisco Software-Defined Access Segmentation & Security
- Lesson 3: Encrypted Traffic Analytics

### Module 3: Connecting to External Domains

- Lesson 1: Cisco Software-Defined Access Border
- Lesson 2: Cisco Software-Defined Access Distributed Campus
- Lesson 3: Multi-domain Integration

### Module 4: Deploying Cisco Software-Defined Access Wireless

- Lesson 1: Cisco Software-Defined Access Wireless Deployment Models
- Lesson 2: Cisco Next Generation Wireless
- Lesson 3: Wireless Assurance & Automation
- Lesson 4: Deploying Cisco Software-Defined Access Wireless
- Lesson 5: Deploying Guest Wireless

### Module 5: Troubleshooting Cisco Software-Defined Access Networks

- Lesson 1: Troubleshooting Methodology & Tools

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- Lesson 2: Troubleshooting Wired Cisco Software-Defined Access
- Lesson 3: Troubleshooting Wireless Cisco Software-Defined Access
- Lesson 4: Troubleshooting External Connectivity

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## Centres de formation dans le monde entier



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