

# **SDAOTS: Cisco Software-Defined Access (SDA): Use Case Implementation, Operations, & Troubleshooting**

**Price:** 4495

**Duration:**

**Delivery Methods:** Virtual

## **Overview**

This 5-day deep dive training course explores the capabilities of the Cisco Software-Defined Access (SDA) solution. Students will learn how to implement SDA for different solution verticals. It also addresses the details of how to operate and troubleshoot the different capabilities of the underlying solution components.

## **Prerequisites:**

The knowledge and skills that the learner should have before attending this course are as follows:

- Implementation of Enterprise LAN networks
- Basic understanding of Enterprise switching, and wireless connectivity
- Basic understanding of Enterprise routing connectivity
- Basic understanding of AAA (authentication, authorization, and accounting) process and workflow
- Programming knowledge such as Python, RestAPI is useful

## **Course Objectives:**

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

- Articulate the value of Cisco SDA Use Cases including, for example: saving operational and management cost to maintain and support ever growing network infrastructure; central security policy to comply to regional or global regulatory requirements and enterprise security policy; deliver best-in-class services to end-users; leveraging networking insights and trends to optimize business process and workflows. Some real scenarios such as supporting multi-mode collaboration within shared workspaces in life sciences; accelerating the deployment of “pop-up” sites for emergency medical purposes; creating integrated building management solutions; zero-touch day 0 network turn-up of additional sites, rapid response to network threat and vulnerabilities, and similar.
- Describe the technical capabilities of Cisco DNA Center and how they are applied in SDA Use Cases. This includes the lifecycle stages of network device discovery, assigning network devices to sites, network design options, provisioning, software image management, building a fabric, segmentation design, assurance, application policy, etc.
- Set up an SDA environment, integrating Cisco Identity Services Engine (ISE) and other solution components as required.
- Apply troubleshooting methods, processes, tips to resolve implementation and maintenance issues of the following aspects of the technical solution:
  - Device Onboarding, including device discovery, Plug-and-Play and LAN Automation
  - Network design settings, including sites, AAA, SNMP, Syslog, IP address pools, image management, network profiles, and authentication templates
  - Policies for access control, applications and virtual networks
  - Provisioning, including template-based provisioning for day 0 and day N operations
  - Network Segmentation, including the application of Cisco TrustSec security with Scalable Group Tags (SGTs) and Virtual Networks
  - Assurance to monitor network, endpoint, and applications to ensure best user experience
  - Integration of ServiceNow for an integrated IT service management lifecycle
  - Integration of InfoBlox for integrated IPAM

## **Who Should Attend**

The primary audience for this course is as follows:

- IT management, to understand how to address key business requirements with greater efficiency and flexibility in network service delivery
- IT solution architects, to understand the role that SDA plays in enabling such efficiency and flexibility for network services in the context of IT solution delivery

- IT and network security architects, to understand how the integrated capabilities of the SDA solution are used to design and implement network segmentation-based security
- IT operations engineers, integrating network and application visibility and root cause analysis into integrated IT case handling workflows
- Networking Admin and Operations installing, integrating, configuring and operating Cisco DNA Center, Cisco Identity Services Engine (ISE), and other solution components, in the context of Cisco SDA based network services

Networking Field Engineers using capabilities of Cisco Catalyst Center to deploy, monitor and maintain network infrastructure for SDA based network services

### Course Schedule

Date	Time	Price	Options
06/22/2026	09:00 AM - 05:00 PM CT	4,495.00	<a href="#">Buy Now</a> <a href="#">Enroll</a>
07/27/2026	09:00 AM - 05:00 PM CT	4,495.00	<a href="#">Buy Now</a> <a href="#">Enroll</a>
08/24/2026	09:00 AM - 05:00 PM CT	4,495.00	<a href="#">Buy Now</a> <a href="#">Enroll</a>
09/28/2026	09:00 AM - 05:00 PM CT	4,495.00	<a href="#">Buy Now</a> <a href="#">Enroll</a>

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## **FAQ**

### **What if I have to reschedule my class due to conflict?**

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to [info@toptalentlearning.com](mailto:info@toptalentlearning.com) to avoid rescheduling penalties.

### **How do I enroll for this class?**

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

### **What happens once I purchase a class?**

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

**What is your late policy?**

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

**What happens when I finish my class?**

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.