Understanding Cisco SDA Fundamentals Training

Duration: **3 Day**

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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)

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)

What You Will Learn

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