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Software-Defined Access Boot Camp
Course ID: SDA2Day

Course Time:
2 Days

Course Description

This two-day boot camp focuses on introducing engineers to the key principles of Cisco's Software-Defined Access (SDA) Solution. SDA offers tremendous value to customers who are looking to meet today's transformational shift in the data center head on. Participants will look at various components of SDA including architecture, policy, and integration. Participants will also have an opportunity to work on a variety of exercises through hands-on labs.

Learning Objectives

After this course you should be able to understand:

+ Key Principles of Software-Defined Access
+ SDA Features and Benefits
+ Design and Architecture of SDA

Who Should Attend

+ Network Engineers
+ Support Engineers
+ Wireless Engineers
+ Field Engineers

Prerequisites

+ Familiarity with Basic UI, workflow, Infra Design
+ APIC-EM, ISE, NDP
+ Basic HW, SW, Specification, etc.
+ Catalyst 3650/3850, 6800 (Sup2T+), 4500-E (Sup8E+)
+ Nexus 770 (M3), ASR1000-X/HX, ISR 4430/4450
+ AIR-CT 3504, 5520, 8540
+ AIR- CAP 1800, 2800, 3800
+ Basic Protocol Behavior, Deign, etc.
+ LISP, CTS, VXLAN, AAA, RADIUS, DHCP, DNS and IPAM

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Course Content

Module 1: SDA Design
+ Maps & Settings
+ Site Profiles

Module 2: SDA Policy
+ Virtual Networks
+ Access & QoS Policy
+ Host Onboarding

Module 3: SDA Provision
+ Fabric Domains
+ Provision Devices
+ Host Pools

Module 4: SDA External Connect
+ Border Design
+ Provision Border

Module 5: SDA Assurance
+ Wired
+ Wireless
+ Client
+ Application 360

Module 6: SDA Wireless - Meghna
+ Wireless Design
+ Provision Wireless

Module 7: SDA Architecture
+ Automation, Assurance & ISE
+ Integration Details, Redundancy & Scale

Module 8: SDA Integration
+ WAN & Branch Integration
+ FW & DC Integration

Module 9: SDA Migration - Access
+ Wireless Migration (OTT)
+ Policy Migration (GBP)

Module 10: SDA Migration - Services
+ Wireless Migration (OTT)
+ Policy Migration (GBP)

Module 11: SDA Troubleshooting – Network
+ Network Elements
+ Controller Elements

Lab 1: Design
Lab 2: Policy
Lab 3: Provision
Lab 4: External Connect

To register for an ePlus cloud training course, contact us today.

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