Fast Lane

Designing Cisco Software-Defined Access Solutions (SDADS)

ID SDADS **Price** 1,690.— €(excl. tax) **Duration** 2 days

Course Overview

The SDADS course is part of Cisco Black Belt Academy Aligned Content. It belongs to the EN - Cisco DNA Deployment Stage 2.

Who should attend

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

Prerequisites

The following list describes the assumed knowledge required to successfully complete SDADS:

- Cisco Software-Defined Access Implementation and Troubleshooting (SDAIT)
- Working knowledge or experience with Cisco DNA Center
- Working knowledge or experience with Cisco ISE
- Working knowledge or experience with Cisco wireless solutions

Course Objectives

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

- Discuss two network solution design methodologies, namely the Plan, Build, Manage (PBM) and Cisco's PPDIOO models
- Characterise an existing network and assess readiness for SD Access implementation
- Describe the SD Access solution components and architectural model
- Design an appropriate SD Access network according to scale metrics
- Design and recommend best practices in deploying Cisco DNA Center
- Design a wired and wireless SD Access solution to meet

customer objectives
- Design a guest wireless access solution
- Design and develop a strategy to migrate an existing network to a Cisco SD Access solution

Course Content

The Designing Cisco Software-Defined Access Solutions (SDADS) course enables learners to understand and design a Cisco Software-Defined Access solution, based on Cisco DNA Center version 1.3.3.X. Learners will design wired and wireless access based on best practices as well as adopt effective migration strategies. The course includes both discussion content and a comprehensive set of design labs aimed at preparing learners to becoming proficient at designing Software-Defined Access solutions.

Detailed Course Outline

Module 1: Design Methodologies

- Lesson 1: Design Life Cycle
- Lesson 2: Characterising an Existing Network
- Lesson 3: Designing for Compliance

Module 2: SD Access Network Design Principles

- Lesson 1: SD Access Solution Components and Architecture
- Lesson 2: SD Access Reference Models
- Lesson 3: DNA Center Best Practices
- Lesson 4: Designing Shared Services

Module 3: Designing for Wireless Access

- Lesson 1: Designing Wireless Access
- Lesson 2: Designing Guest Wireless Access
- Lesson 3: Designing for High Availability

Module 4: Designing for Migration

- Lesson 1: Migration Considerations

- Lesson 2: Shared Services

About Fast Lane

Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

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