

SDX 8000 Aggregation Switch

2 days *virtual or classroom* technical training



Our SDX 8000 Series of access and aggregation switches applies open and programmable SDN architectures for scaling data centers. These differentiated attributes enable our software-defined architectures to achieve the massive scalability required to support the uncertain demand of emerging differentiated broadband services and consolidate SLA-based enterprise and backhaul services.

Objective

This course is designed for those students who will be designing, implementing, and supporting solutions using the SDX 8000 Series of Aggregation Switches. This course will include interactive lectures as well as lab exercises presented through our virtual lab environment. Integrated lab exercises are designed to reinforce the class content with installation, configuration, and troubleshooting procedures. After completion of the course, the student should be able to install and maintain the Adtran SDX 8000. To enroll, go to www.adtranuniversity.com.

Benefits & Audience

- **Benefits:** To achieve self-sufficiency at installation, configuration and maintenance of the SDX 8000 solution
- **Class size:** 12 students maximum
- **Target Audience:** End Users, System Engineers, Network Engineers, Value Added Resellers and Distributors
- Certificate of Attendance

Prerequisites

SDX 8000 Series Overview – students can self-enroll at www.adtranuniversity.com

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Agenda

Theory/Lecture

- Introduction to the SDX 8000 Series
 - Hardware Introduction
 - Management Options
 - Introduction to Mosaic Cloud Platform
- SDX8000 Series Aggregation Switch
 - Linux Administration
 - NOS Administration
 - Switch CLI config basics
 - Switch CLI Advanced Configuration
 - LAG
 - BFD
 - NACM
 - Configuration Redundancy
 - Troubleshooting
- SDX 8000s and Mosaic Cloud Platform
 - Switch Administration
 - Commissioning with Mosaic Cloud Platform
 - Profiles and Profile Vectors
 - Jobs and tasks
 - Switch Mosaic Cloud Platform configuration
 - Troubleshooting

Practice/Lab

- Students will be using Amazon Workspaces (AWS) for all lab exercises.
- Creating a functional interface
 - Physical interface configuration
 - Forwarders
 - IP interfaces
 - IP routes
- Show Commands
- Advanced Features
 - LAG
 - MCLAG
 - ELPS
- General Switch Management
 - Upgrades
 - Users
 - Switch vs Linux CLI

Contact

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Ordering Information

Part Number

1600CSYS6020E

1600CSYS6020C

Description

Per Enrollment (Student)

Per course