Mosaic Cloud Platform Administrator

2 days *virtual* or *classroom* technical training

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Mosaic Cloud Platform (Mosaic CP) is an open microservices architecture providing network management and SDN control for the entire access network. It unlocks control and management functions from the underlying network elements, enabling a more flexible, agile services delivery framework.

Objective

This course is for personnel that will be responsible for system administration of the Mosaic Cloud Platform. After the completion of this course, the student should be able to successfully install and configure the Mosaic Cloud Platform, perform backups, perform firmware updates, review/manage logs, and maintain Mosaic CP.

Benefits & Audience

- **Benefits**: To achieve self-sufficiency at installation, configuration and maintenance of the Mosaic CP solution
- **Class size**: 12 students maximum
- **Target Audience**: System Engineers, Network Engineers, Value Added Resellers and Distributors
- Certificate of Attendance
- Prepatory training for ATSP/Mosaic CP Certification

Prerequisites

Mosaic Cloud Platform Architecture Overview – students can self-enroll at
www.adtranuniversity.com

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Agenda

Theory/Lecture

- Course Introduction
- Server Requirements
- Linux Basics/Helpful Linux Commands:
- Mosaic CP Installation
  - MCP Core and associated plugins
  - Default profiles and profile vectors
  - Topology
- Mosaic CP Scripts, Tools, and Logs
  - Check MCP version
  - Check Status
  - Start Mosaic CP
  - Restart Mosaic CP
- Create and restore backups
  - Mosaic CP-snapshot (Full system backup)
  - Mosaic CP-takeout (Backing up just Profiles and Profile Vectors)
  - Mosaic CP-migration (Backing up specific objects)
- Logs
  - Different Logs and their purpose
  - Log-rollup script
- Intro to Kafka
- Microservices Overview

Practice/Lab

Students will be using Amazon Workspaces (AWS) for all lab exercises.

- Installing Mosaic CP with plugins, profiles, and topology
- Creating and Restoring a Backup
- Creating a Log-Rollup
- Checking Mosaic CP Status

Contact

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Ordering Information

Part Number	Description
1600CSYS6040E	Per Enrollment (Student)
1600CSYS6040C	Per Dedicated course