Configure and Maintain
Adobe Experience Manager as a Cloud Service

Course description: Configure and Maintain Adobe Experience Manager as a Cloud Service is a 3-day, instructor-led (classroom and virtual) course, and is relevant to Cloud Service deployment methods. Participants will set up a project using the latest Maven AEM archetype to explore different configurations and maintenance activities. Participants will learn about OSGi configurations, repository initialization, and typical run modes of services. This course will also explain context-aware configurations and their many applications.

This course also includes enablement on Cloud Manager, Adobe's deployment tool for Adobe Experience Manager. Participants will learn about Cloud Manager programs, environments, pipelines, and deploying custom code to Cloud Service.

Note: This course was formerly known as *DevOps for AEM as a Cloud Service.* Customers who are interested in learning only about Cloud Manager should consider enrolling in our one-day offer, *Deploy Using Cloud Manager for Adobe Experience Manager as a Cloud Service.*

Prerequisites:
- A minimum of two years of experience in development or similar experience with AEM
- Basic knowledge in Java technology, XML, HTTP, and SaaS software
- Working knowledge of Git source control

Target audience: Developers, System Administrators, and DevOps/IT professionals.

Objectives

After completing this course, you will be able to:

- Build projects using Maven
- Work with an AEM project in your IDE
- Create platform configurations
- Administer common configurations
- Administer users, groups, ACLs, and permissions
- Understand the features of Cloud Manager
- Work with programs and environments
- Learn to deploy code into Cloud Manager
- Configure non-production and production pipelines
- Run code quality tests
- Manage publishing
- Learn about Dispatcher and the Adobe CDN

Course Materials

- Student workbook and lab files

TOPICS
- Architecture Stack
- Installation
- Introduction to Admin Consoles
- Working with the Development Environment
- Creating a Project Using Maven
- Platform Configurations
  - › OSGi Configurations
  - › Run Modes
- Common Configurations
  - › Application Configurations
  - › Workflow Models
- Maintenance
  - › Configure Maintenance Tasks
  - › Maintenance Windows
- Users, Groups, and Permissions
- Introduction to Cloud Manager
  - › Accessing a Program
  - › Adobe Identity Management System (IMS)
- Programs and Environments
  - › Types of Environments
  - › Developer Console
  - › Mutable and Immutable Content
  - › Cloud Manager API
- Pipelines
  - › Non-production Pipeline
  - › Production Pipeline
  - › Code Quality Pipeline
  - › Deployment Pipeline
  - › Cloud Manager Git
- Managing Publishing
  - › Publication Action
  - › Content Publishing Concept
  - › Dispatcher

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Global (except EMEA): 877-722-7088 (phone) • 801-406-4566 (fax) • adls@adobe.com
EMEA: phone +44 (0)1784 476556, ext 256 • fax +44 (0) 1784 476501 • adlsemea@adobe.com
learning.adobe.com