



# AEM Sites: System Administration



**Course Duration:** 3 Days

## Description

The AEM 6.0 System Administrator training focuses on the updated architectural changes for the latest version, and covers topics such as installing, configuring, maintaining, and troubleshooting in AEM. Participants are introduced to basic concepts of AEM architecture and AEM integration in a production-level environment consisting of Cluster, Dispatcher, Mongo DB, SSO, LDAP, etc.

Furthermore, participants get an overview of AEM files, directory structures, finding important log files, and adjusting the logging configuration. Some of the topics covered in this training include Backup, User administration, Security, and Performance tuning. The training also covers integration of AEM with alternative third-party web app servers like IIS and Apache. The course is a good combination of theory and hands-on exercises.

## Eligibility

This is a highly technical class, designed specifically for System Administrators.

- A minimum of 2 years of system administrator experience with the operating system or platform on which AEM will be installed.
- Advanced knowledge of Java technology.
- Basic knowledge of XML, HTTP protocol, networking, network design, Mongo DB, and server specific software.
- A sound knowledge of Apache's Log4J Framework is helpful, but not required.
- Knowledge of Object Oriented principles is useful, but not required.
- Troubleshooting skills.

## Course Objectives

Upon completing this training, participants will be able to:

- Install, manage, and configure the AEM server
- Manage users, Index and Integrate LDAP and SSO
- Backup, restore, and create custom log files
- Troubleshoot general server issues

## Course Outline

## Day 1

- Introduction
- Authoring Interface
- AEM concepts and philosophy
- System architecture overview
- Installation of AEM author and AEM publish instances
- Familiarization with Servlet Engine, CRX, OSGi
- Apache Sling and AEM
- Security
- User Management
- Replication Agent
- Configure Version Manager

## Day 2

- Logging Mechanism
- Dispatcher/Load Balancer
- Configuration
- Backup
- Clustering
- TarPM Optimization
- Package Manager

## Day 3

- Performance Tuning
- Thread dumps
- LDAP, SSO Integration

Course taken from Tekno Point - Specialists in Adobe Marketing Cloud and AEM Training in India - <http://teknopoint.in>  
URL to Course: <http://teknopoint.in/course/aem-sites-system-administration/>