

### Adobe Commerce Developer Training (Expert)

OEM: Adobe • Duration: 5 Days (40 hrs) • Code: AD0-E716

#### COURSE MODULES & TOPICS

#### Adobe Commerce Architecture and Customization Techniques (36%)

- Cache implementation and effective usage
- Custom extension attributes creation and manipulation
- Theme customization for product/category pages
- Observers, preferences, and plugins configuration
- Configuration layer utilization
- Route functionality and customization
- Page Builder customization capabilities
- Multi-site instance configuration effects and constraints
- Dependency injection capabilities and constraints
- Store settings field configuration
- Git patches and Composer file-level modifications
- CLI command creation
- Integration test development
- Security features (CSP, escaping, form keys, sanitization, reCAPTCHA, input validation)
- CRON scheduling system mechanics
- Data loading and manipulation
- App emulation usage

#### Working with Databases and EAV (10%)

- Programmatic EAV attribute and attribute set manipulation
- Database schema extension
- Data import/export functionality
- Database modification through patches and recurring setups

#### Developing with Admin (6%)

- Grid and form creation/updates
- Grid action extension
- Modifier class development
- ACL access restriction implementation

## Customizing the Catalog (6%)

- Product type modification and creation
- Catalog entity extension
- Index management and price output customization
- Multi-source inventory impact on stock levels

## Customizing Sales Operations (6%)

- Payment method development and customization
- Shipping method addition and customization
- Sales operation customization
- Totals customization techniques

## APIs and Services (4%)

- API creation and extension
- Queuing system utilization

## Adobe Commerce Cloud Architecture (16%)

- Cloud architecture and environment workflow knowledge
- Cloud project files, permissions, and structure
- Multi-domain store setup on Cloud
- Application services management (YAML, PHP, MariaDB, Redis, RabbitMQ)
- Log access methods
- Project deployment procedures
- ECE tools features
- ECE patch applications
- ECE tools maintenance and upgrades
- FASTLY features configuration and installation

## Setup/Configuring Adobe Commerce Cloud (10%)

- Cloud setup and configuration procedures
- Cloud troubleshooting fundamentals
- Cloud user management and onboarding
- Cloud variable updates via UI
- Environment management through UI
- Branching via UI
- Cloud plan capabilities

## Commerce Cloud CLI Tool – Managing Part (6%)

- Cloud variable updates using CLI
- Environment management via CLI (email activation, environment rebasing, snapshots, database dumps)

- CLI-based branching
- Cloud service troubleshooting (MySQL, Redis, tunnel information)