



ACE: AEM 5.6 Component Developer



Adobe Training Services provides this exam guide to help prepare partners, customers, and consultants who are actively seeking accreditation in the Adobe Certified Expert (ACE) program. This guide, while designed to describe the exam in detail and provide as much information as possible, is not meant to be the sole means of exam preparation. Adobe Training Services offers courses that provide in-depth training on the exam content. Hands-on experience with the Adobe product suite is also a critical element in preparing to pass any Adobe certification exam.

ACE: AEM 5.6 Component Developer exam overview

The ACE: AEM 5.6 Component Developer exam audience are individuals who have a minimum of one to two years' experience as a Java developer. You should have at least one year project experience working with JCR, Sling, Felix, and CQ/AEM. Candidates should also have an understanding of HTML, JSP, JavaScript, the Ext JS Framework, HTTP, and REST.

Exam description

The exam has two parts:

- 52 multiple-choice questions, covering a range of topics listed below
- A short survey that we use to gather information about your product experience

Please note that the survey must be completed to qualify for earning the certification. The certification exam has a time limit of 85 minutes, and includes a timer to mark the remaining time.

Exam scoring

The certification consists of achieving the minimum passing score, which is 72%, on a multiple choice test. After completing the test, candidates will be immediately provided with the official score for the exam. They will also receive an email with the official exam result.

Scheduling exams

The ACE: AEM 5.6 Component Developer exam is delivered through an independent testing provider, Pearson VUE. First time candidates can view the step-by-step online scheduling guide here: http://www.pearsonvue.com/reg_guide/.

Returning candidates can register for exams here: <http://www.pearsonvue.com/adobe/>. Note that you will be prompted to login before you may register for exams.

Exam preparation

It is also strongly encouraged that you complete the AEM Basic and Advanced Developer courses, as well as the AEM System Administration course prior to taking the exam.

The following are typical tasks that you should already be able to perform:

- Create a AEM component with custom dialogs
- Create an OSGi bundle containing one or more components
- Access OSGi services from a AEM component
- Manage an OSGi configuration within the CRX repository
- Install AEM on a single instance
- Configure workflows with a custom step
- Integrate SiteCatalyst and other Adobe SaaS products
- Create CRX packages
- Create cacheable content
- Differentiate between cached and non-cached responses
- Proficient using the AEM platform
- Understand content management practices
- Use existing tag libraries

Exam topics include:

AEM Content Management Fundamentals

- Understanding the JCR specification
- Using out-of-the-box features
- Managing permissions
- Creating user interfaces and workflows
- Using reusable components
- Understanding site taxonomy

System and Installation Configuration

- Configuring LDAP
- Configuring the dispatcher
- Configuring Web servers
- Installing AEM on multiple operating systems
- Installing in application servers
- Configuring the replication agent
- Maintaining repository-based OSGi configurations
- Maintaining author and publish configurations
- Managing security checklists
- Troubleshooting Java

Building AEM Components

- Understanding the environment-based user experience
- Creating components with cacheable responses
- Installing development tools
- Creating AEM dialogs and other client-side elements
- Coding presentation logic
- Extending existing components
- Using client libraries
- Using AEM APIs
- Working with the Sling API
- Using the CRX/JCR API

Working with OSGi

- Understanding the OSGi core specification
- Understanding and using significant OSGi compendium specifications
- Using OSGi web console
- Managing OSGi bundles in CRX

Practice exam

Try out these practice questions to get a feel for the types of questions on the ACE exam. Please note that your performance here does not indicate how you will do on the actual exam. To fully prepare for the exam, closely review the topic areas and objectives in this Exam Guide.

1. What is the difference between Simple Versioning and Full Versioning?

- A. Simple Versioning requires mix:simpleVersionable node type and Full Versioning requires mix:versionable node type.
- B. Simple Versioning only versions some system-specific properties. With Full Versioning all properties are versioned.
- C. Both are the same and there is no difference other than the name of the mixin type.
- D. Under Simple Versioning versions are added as direct successors of the previous version. Under Full Versioning a new version can be added as a direct successor of a version that already has another direct successor.

Correct Answer: D

2. You want to run a script as a workflow step. Which workflow step should you select?

- A. Participant step.
- B. Process step.
- C. Container step.
- D. Split step.

Correct Answer: B

3. You want to switch to preview mode by modifying the URL. What should you do?

- A. Add the parameter wcmmode=preview to the URL.
- B. Add the parameter request=preview to the URL.
- C. Add the selector preview as the first selector in the URL.
- D. Add the suffix preview to the URL.

Correct Answer: A

4. Given the following selector: print.a4 and the URL extension is html, which script will Sling render?

- A. print.html.jsp
- B. a4.html.jsp
- C. print.a4.jsp
- D. a4.jsp

Correct Answer: A

5. Which should you use to get the root node of a JCR workspace?

- A. jcrSession.getRootNode();
- B. node.getRootNode();
- C. slingRequest.getPath("/");
- D. com.day.cq.commons.jcr.JcrUtil.getNode("/");

Correct Answer: A

6. Which tab in the Apache Felix Web OSGi Console is used to install OSGi bundles?

- A. OSGi Installer tab.
- B. Bundles tab.
- C. Services tab.
- D. Components tab.

Correct Answer: B

7. How can you use the Apache Felix Web OSGi console to check if an OSGi bundle is running?

- A. Select the Bundles tab > check that your bundle is listed > check that the status is Active.
- B. Select the Configuration Status tab > then Bundles tab > check that your OSGi component is listed.
- C. Select the Components tab > check that your bundle is listed > check that the status is Active.
- D. Select the Services tab > check that your OSGi component is listed > check that the status is Active.

Correct Answer: A

Exam preparation checklist

- I have a minimum of one to two years' experience as a Java developer.
- I have at least 1 year project experience working with JCR, Sling, Felix, and CQ/AEM.
- I can complete the tasks outlined in the "Exam preparation" section without assistance.
- I have read and studied the topics listed in this exam guide.



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Adobe Systems Incorporated
345 Park Avenue
San Jose, CA 95110-2704
USA
www.adobe.com

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08/12