



Adobe Certified Expert: LiveCycle ES2 Process Automation Exam



Adobe Enterprise Training has created and published this exam guide to help prepare partners, customers and consultants who are actively seeking accreditation in the Adobe Certified Expert 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 Enterprise Training offers courses that provide in-depth training on the exam content. Hands-on experience with the Adobe LiveCycle suite of tools is also a critical element in preparing to pass any Adobe certification exam.

Adobe® LiveCycle® Enterprise Suite 2.5 software can help extend the value of existing back-end systems by enabling developers to build and deploy applications quickly and easily, and by empowering business users to manage application environments based on their specific needs. LiveCycle ES2.5 makes it easier for people to interact with information through intuitive user experiences, improved efficiencies through business process automation, and enhanced customer service through personalized communications management.

To be certified as an Adobe Certified Expert - LiveCycle ES2 Developer: Process Automation, you must pass this exam and the LiveCycle ES2 Core exam. The following table lists the available LiveCycle Developer certification elective exams.

Elective Exams
9A0-137 Adobe LiveCycle ES2 Process Automation
9A0-138 Adobe LiveCycle ES2 Document Output
9A0-139 Adobe LiveCycle ES2 Data Capture
9A0-140 Adobe LiveCycle ES2 Digital Security

Exam Description

The certification consists of achieving the minimum passing score on a multiple choice test. The certification exam has a time limit of 45 minutes, and includes a timer so that the student is aware of how much time is remaining.

The following lists the topic areas and percentage of questions delivered in each topic area.

Topic Area	% of Exam	# of Questions
Process Management	51%	18
Business Activity Monitoring	14%	5
Content Management	35%	12

Exam Scoring

The exam contains 35 questions and an overall score of 71% is required to pass the test. After taking the test, test takers 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 LiveCycle ES2 Process Automation ACE Exam is delivered via testing centers in 270 locations throughout the U.S. and 17 other countries around the world. Students may create a certification account through Adobe's Web site and schedule their certification in the location of their choice and at a time that is convenient for them. To register for the LiveCycle ES2 Process Automation ACE exam, go to the *Pearson VUE website* and click the link to register for the exam.

Exam Preparation

If you have been exposed to LiveCycle for at least one year and have hands on development experience, it is likely that you will be able to pass the Process Automation exam with only a review of the preparation guide and the associated product documentation related to each of the topics. However, if you are new to LiveCycle, you should plan on several months of use before being prepared to pass this certification.

Exam Topics

Following is a detailed outline of the information covered on the exam.

Process Management

- Given a preference in Workspace, define the purpose of the preference (Preferences include: Out of office, email notification, sharing)
- Creating and using search templates
- Using the tracking interface
- List and describe the customization options for Workspace
- Configuring the workspace start point
- Adding a user to a process
- Given an ACL option, explain when you would use that option
- Handling notes and attachments
- Presenting a form to a user
- Handling form submissions
- Controlling process flow (Includes: user actions, deadlines, escalations, reminders)

Business Activity Monitoring

- List and describe the default dashboards
- Configuring notifications and watch points
- Creating custom dashboards
- Creating custom dashboard objects
- Registering workflows

Content management

- Providing access to documents in a content management system within a LiveCycle process
- Initiating a process from a content management system event
- List the content management connectors available in LiveCycle

Study Suggestions

Following are suggested steps to help you prepare for the LiveCycle ES2 Process Automation ACE Exam.

Recommended Classroom Training

- *Developing a LiveCycle ES2.5 Application*
- *LiveCycle ES2.5: Process Management Specialist*

Community Content

- *LiveCycle ES2.5 Overview*
- *A Technical Introduction to Adobe LiveCycle BAM ES2*
- *Customizing Workspace in Under 5 Minutes*
- *Customizing LiveCycle® Workspace ES2 SP1*

Online Resources

- *LiveCycle in Three Days video training*
- *LiveCycle Developer Center*
- *LiveCycle Documentation*
- *LiveCycle ES2 Self-paced Learning Resources for Designers and Developers*
- *Enterprise Cafe*
- *Tour de LiveCycle*

Exam Preparation Checklist

The checklist below will help guide you through the process of obtaining ACE certification.

- Review this exam guide to become familiar with the topic areas and objectives of the exam
- Identify the topic areas and objectives you need to study
- Determine which study materials you need to improve your skills
- Study for the exam
- Contact Pearson VUE to register for an exam
- Take the exam - Your score is electronically reported to Adobe

Recertify when necessary

Once obtained, your certification is valid until 90 days after the exam version of your certification is retired. Adobe will e-mail you a reminder when your certification is due for renewal and will let you know when you need to take another exam.

Sample Exam Questions

Following are sample questions to help you prepare for the LiveCycle ES2 Process Automation ACE Exam.

1. You are defining a search template for Workspace users in the LiveCycle Administration console. You want to use process variables as search criteria. Which Process Element must you choose before the process variables are available to select?
 - A. Process Name
 - B. Process Status
 - C. Process Identifier
 - D. Task Name

Correct Answer: A

2. Which type of end point is created when you create a Workspace Start Point?

- A. Task Manager
- B. Remoting
- C. Email
- D. Watched folder

Correct Answer: A

3. How do you create a watch point on a dashboard object?

- A. Define a new process to be the watch point of a dashboard object
- B. Define a watch point rule condition parameters on a given dashboard
- C. Configure a break point expression on a dashboard
- D. Create a new dashboard object as a watch point

Correct Answer: B

4. User A has shared his queue with User B. There is a confidential task assigned to User A. As a process developer, which option allows you to disable sharing?

- A. Forward
- B. Consult
- C. Add ACL for shared queue
- D. Modify Permissions

Correct Answer: C

5. Which data type is used to hold attachments?

- A. Document
- B. List of Documents
- C. Map of Documents
- D. AssemblerResult

Correct Answer: B

6. What happens when a task is deadlined?

- A. the task is reassigned to another user
- B. a reminder notification is sent to the user
- C. the process moves to another step
- D. the process is stalled

Correct Answer: C

7. An Expense Report process requires that all expense report forms submitted through Workspace be routed to the employee's manager for approval/rejection. How would you accomplish this in Workbench?
- A. Add an Assign Task operation and assign to a random user in the group
 - B. Add an Assign Task operation and assign to process initiator
 - C. Add an Assign Task operation and use an XPath expression to assign to the manager
 - D. Add a Find User operation to get the employee's manager

Correct Answer: C

8. When creating a new dashboard, which steps must be completed first in order to complete your dashboard?
- A. Create your process definition and define the objects you want to show in your dashboard
 - B. Define your properties and watch points
 - C. Select the dashboard container for a pre-defined dashboard layouts page
 - D. Choose the dashboard objects and lay them out on the page, define the dashboard properties

Correct Answer: D

9. What must be done to register a LiveCycle process for use with a Business Activity Monitor dashboard?
- A. Use the Administration Console to configure the dashboard under Applications and Services
 - B. Enable the Auto Generate BAM Dashboard in the process configuration within Workbench
 - C. Modify and deploy the Adobe_DS.xml file
 - D. Set the process definition within the BAM Configuration Settings in the Adminui

Correct Answer: B

10. You design a process that involves assigning a task to a user that is time sensitive. If the assigned user does NOT take action within two days, you want it to be automatically assigned to another user. What should you do?
- A. Add a route for the task
 - B. Set a reminder for the task
 - C. Add an escalation for the task
 - D. Set a deadline for the task

Correct Answer: C



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