

Adobe® Certified Expert Program

Product Proficiency Exam Bulletin

Adobe® Photoshop® Lightroom Exam # 9A0-059

ACE Certification Checklist

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

- Review this bulletin 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.
- For a list of recommended study materials, visit:
<http://www.adobe.com/misc/training.html>
- Study for the exam.
- Contact Pearson VUE or Thomson Prometric to register for an exam:
Pearson VUE: *<http://www.pearsonvue.com/adobe>*
Thomson Prometric: *<http://www.prometric.com/Adobe/default.htm>*
- When registering for the exam, refer to the exam number located at the top of this bulletin.
- Take the exam.

Your score is electronically reported to Adobe. Please allow 2-4 weeks from the date you pass the exam to receive your ACE Welcome Kit.

Exam Structure

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

Topic Area	% of Exam	# of Questions
Configuring Lightroom	8	4
Understanding workflow	6	3
Understanding digital asset management	6	3
Importing assets	11	6
Working with the Library module	23	12
Working with the Develop module	15	8
Working with output modules	21	11
Interoperability with the Photoshop family of products	10	5

Number of Questions and Passing Score

- 52 questions
- 68% minimum required to pass

Test Content: Topic Areas and Objectives

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

1. Configuring Lightroom

- List and describe the key elements of the user interface in Adobe Lightroom.
- Describe the benefits of working with the Lightroom catalog model.
- Given a scenario, configure preferences.
- Describe the options available for configuring panels and the Workspace.

2. Understanding workflow

- Explain how workflow is changed from an analog to a digital capture environment.
- List and describe the objectives of a good digital workflow.
- Compare and contrast a non-destructive workflow to a traditional pixel-based workflow.
- Describe how to use Lightroom to find or rate your best photographs from a shoot.
- Synchronize settings from one photograph to multiple photographs.
- Describe how to manage a multi-machine workflow.

3. Understanding digital asset management

- Describe considerations and strategies related to online and offline file management.
- Explain the role of metadata in asset management.
- List and describe the type of data that can be associated with photographs.

4. Importing assets

- List and describe the file formats that are supported in Lightroom.
- Import assets from a card.
- Import assets from a local hard drive.
- Import assets by using a Watched folder.
- Given an import method, describe the options available for handling files.
- Apply information to photographs that are imported.

5. Working with the Library module

- Given a panel in the Library module, describe the purpose and features of that panel.
- Describe the relationship between the Lightroom catalog, folders on disk, and the files referenced in a catalog.
- Given an option, explain how to navigate between photographs and within a photograph.
- List and describe the options Lightroom provides for locating specific sets of photographs.
- Assign, work with, and locate photographs by using keywords.
- Demonstrate an understanding of the options available for describing your photographs by using metadata.
- List and describe the methods Lightroom provides for grouping and categorizing photographs.
- Given a view, synchronize settings across multiple photographs
- Explain the purpose for and usage of Quick Develop and the role of the histogram in the Library module.
- List and describe the differences between folders and collections.
- Given a scenario, describe the differences between deleting and removing photographs.
- Explain how metadata is handled in Lightroom.

6. Working with the Develop module

- Describe the limitations associated with processing JPEG files.
- Explain how to adjust the white balance of a photograph by using options in the WB segment of the Basic panel.
- Explain how to adjust the tonality of a photograph by using options in the Tone segment of the Basic panel.
- Explain how to adjust the saturation/vibrance of a photograph by using options in the Colors segment of the Basic panel.

7. Working with output modules

- Describe the default behavior of output modules.
- Describe the role and functionality for identity plate inclusion in output modules.
- Describe the difference between application managed color and printer managed color.

- Describe the differences in behavior when enabling or disabling the Print Resolution setting in the Print Job panel.
 - List and describe the benefits and behaviors of draft mode printing.
 - Explain how Lightroom saves and the benefits of saving printer driver settings in templates.
 - List and describe the major formats available for Web output.
 - Describe the Web Gallery export and upload process.
 - List and describe the playback options available for slideshows.
 - Describe the options related to and add text to a slideshow.
 - Add music to slideshows.
8. **Interoperability with the Photoshop family of products**
- Explain when you would incorporate Photoshop into your workflow.
 - Describe the available options for formatting photos in Photoshop.
 - Explain how Lightroom indicates and handles photos that have been edited in Photoshop.
 - Explain how Lightroom and Photoshop share develop settings and other metadata.
 - Explain how to automate Photoshop from Lightroom.

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 Bulletin.

1.2 Describe the benefits of working with the Lightroom catalog model.

Which is a benefit of multiple catalogs?

- A. You can export images into an existing catalog which allows you to combine catalogs.
- B. When creating a collection from the catalog the resulting images can be virtual copies, which preserves the original catalog images.
- C. You can display images from multiple catalogs in the same grid view to display side-by-side comparisons.
- D. When an image is modified in one catalog, the changes will automatically apply to the same image in another catalog.

Correct answer: B

2.5 Synchronize settings from one photograph to multiple photographs.

You are working in the Develop module. You have adjusted the settings of one photo. You then select a different photo in the Filmstrip. How should you apply settings from the first photo to the current photo?

- A. Choose Settings > Paste Settings from Previous
- B. Choose Settings > Sync Settings
- C. Choose Develop > Set Default Settings
- D. Choose Develop > New Snapshot

Correct answer: A

2.5 Synchronize settings from one photograph to multiple photographs.

You are satisfied with the white balance, exposure, and lens correction settings of a photograph. You are viewing a different photograph in the Library module and want to apply those same settings to multiple images. What should you do?

- A. Use the Sync Settings button
- B. Choose Metadata > Save Metadata to Files
- C. Choose Photo > Change Keywords
- D. Use the Sync Metadata button

Correct answer: A

3.2 Explain the role of metadata in asset management.

Which information can be shared with Adobe Bridge as file metadata?

- A. Keyword Tags
- B. Noise Reduction
- C. Tone Control
- D. White Balance

Correct answer: A

3.3 List and describe the type of data that can be associated with photographs.

Which two types of information are included with metadata? (Choose two.)

- A. Layers information
- B. Color Space information
- C. Proprietary Camera Raw XMP information
- D. IPTC information
- E. White balance settings

Correct answer: Answer: B, D

4.3 Import assets from a local hard drive.

You are importing photos from a hard drive. You want to make sure that the thumbnails that you view immediately after export are color-managed by Lightroom. What should you do?

- A. Choose Standard for the Initial Preview
- B. Choose Minimal for the Initial Preview
- C. Select Show Preview
- D. Deselect Show Preview

Correct answer: A

5.2 Describe the relationship between the Lightroom catalog, folders on disk, and the files referenced in a catalog.

Which statement about collections is true?

- A. Catalogs are a subset of collections.
- B. Photos can belong to only one collection.
- C. Collections preserve the sort order of the photos at the time the collection was created.
- D. Removing a photo from a collection removes the photo from the catalog and sends it to the Recycle Bin (Windows) or Trash (Mac OS).

Correct answer: C

6.4 Explain how to adjust the saturation/vibrance of a photograph by using options in the Colors segment of the Basic panel.

You want to increase equally the vividness of all of the colors in your photograph. Which should you choose?

- A. Clarity
- B. Contrast
- C. Vibrance
- D. Saturation

Correct answer: D

7.3 Describe the difference between application managed color and printer managed color.

You have selected to print your photograph in the Draft Mode. Which statement is true?

- A. Lightroom handles color management.
- B. The printer handles color management.
- C. No color management is applied while printing.
- D. Color management is applied using the Relative Rendering Intent.

Correct answer: B

8.1 Explain when you would incorporate Photoshop into your workflow.

When should you incorporate Photoshop into your Lightroom workflow?

- A. Creating a Custom White Balance
- B. Making edits or changes to specific areas in the photograph
- C. Sharpening a photograph
- D. Making tonal changes based on the Histogram

Correct answer: B