

Liferay DXP Certified Professional

Back-End Developer Certification Program



LIFERAY Training

Liferay DXP Certified Professional Back-End Developer

Exam Blueprint

Duration: 90 minutes

Number of questions: 50

Passing score: 80%

ITEM TYPES

- **True/False** - Exam candidate will select if the statement presented is true or false
- **Multiple Choice Single Answer** - Exam candidate will select the one response that most correctly completes the statement presented
- **Multiple Choice Multiple Answer** - Exam candidate will select all of the responses that correctly complete the statement presented.

EXAMPLE TEST QUESTIONS

- All questions are based on Liferay best practices when developing for Liferay DXP
- Unless otherwise indicated in the question, assume a new Liferay installation with no additional plugins installed and no modifications to portal properties.

1. The Liferay Platform only supports configuration through the portal-ext.properties file.

☐ True
☐ False

Answer: False

2. Using Declarative Services, the following properties are defined in the property attribute of the @Component: (Please select all correct answers.)

A. If the portlet is instanceable
B. If the portlet appears in the Display Category Sample

C. If the portlet can be displayed in Liferay Portal 6.2
D. If the portlet has Language.

Answer: A, B and D

3. The standard methods of the portlet lifecycle in the JSR-286 portlet specification include: (Please select all correct answers.)

A. init D. destroy
B. service E. notify
C. render

Answer: A, C, and D

4. A fragment module works in the following phase of the Module Lifecycle:

A. Resolved C. Installed
B. Active D. Starting

Answer: A

5. The recommended location to declare an entity to be used by Liferay Service Builder is:

A. EntityImpl.java C. portal_entity.ftl
B. entity.xml D. service.xml

Answer: D

Exam Topics:

Each topic will be a percentage of the test. See below.

Liferay Digital Experience Platform: Basic Concepts

Percentage of Test: 25%

Creating personalized digital experiences across web, mobile and connected devices is the goal of Liferay

DXP's framework. You'll need to know how to add new features using Liferay modules.

Basic Concepts

Understand basic development concepts:

- OSGi
- Liferay Modules (Bundles)
- JSR-286 specification
- Portlet Lifecycle
- Gogo Shell

Liferay Digital Experience Platform: Portlet Modules

Percentage of Test: 20%

In Liferay, you can deploy new features using Liferay modules. With Portlet Modules, you can create new functionalities.

Portlet Modules

You can develop the following to extend DXP out-of-the-box:

- Portlet Components
- Attributes
- MVC
- Declarative Services

Liferay Digital Experience Platform: Liferay Services

Percentage of Test: 25%

You can use Liferay's Local and Remote services to customize your developments.

Liferay Services

Liferay allows you to use Local or Remote services, for example:

- Users
- Blogs
- Web Content Articles
- Message Board Posts
- Pages

Liferay Digital Experience Platform: Liferay Frameworks

Percentage of Test: 25%

Liferay Frameworks expand the capabilities of your implementations.

Liferay Frameworks

Liferay Frameworks customize the user experience. Be familiar with the following frameworks:

- Asset
- Search and Indexing
- Liferay Utilities
- Feedback Validation
- Persistence Layer
- Messaging
- Authentication

Liferay Digital Experience Platform: Upgrade Process

Percentage of Test: 5%

Upgrading from Liferay 6.X involves moving from plugins to Liferay modules.

Upgrade Process

- Know how to make upgrades from Liferay 6.X to Liferay DXP
- Development Strategy

NOTE:

This examination overview includes weighting, test objectives, and example content. Example topics and concepts are included to clarify test objectives; they should not be construed as a comprehensive listing of all of the content of this examination.



Liferay makes software that helps companies create digital experiences on web, mobile and connected devices. The Liferay platform is open source, which makes it more reliable, innovative and secure. Companies such as Carrefour, Coach, Danone, Fujitsu, Lufthansa Aviation Training, Siemens, Société Générale, VMware and the United Nations use Liferay. Learn more at liferay.com.

© 2017 Liferay, Inc. All rights reserved.