

Android 4.0 Development

Assessment Fact Sheet

Overview

The Android 4.0 Development test measures knowledge of developing for the Android platform, through version 4.0. Designed for experienced developers, an average performer should pass the test.

Job Family/Title	Programmers
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Details

Average Testing Time (minutes)	30 minutes
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Allowed Time (minutes)	90 minutes
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Maximum Number of Questions	30 questions
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Number of Sitzings	One
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Designed for Unproctored Environment	Yes
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Question Format	Multiple Choice - Adaptive
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Product Category	Information Technology
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Knowledge, Skills, Abilities and Competencies Measured

The following areas are covered:

- Configuration and Deployment
- Extended Capabilities
- I/O, Network and Data Storage
- Non-Interface Components
- Structure and Construction
- System and Application Interactions
- Tools and Development
- User-Facing Components

Example Question

[| Exit](#)

Question Time Remaining: 0h : 2m : 40s

You are troubleshooting an application a co-worker wrote. The application periodically loses data. When the view is restored after navigating back from another view, previously entered data is no longer available.

Based on the scenario above, how do you correct the problem?

a Set the ACTION_APP_KEEP_IN_MEMORY flag on the Intent used to launch the Activity.

b Provide a unique ID (with the android:id attribute) for each widget's state you want to save.

c Flag the view as ANDROID_PERSISTABLE in the application's AndroidManifest.xml file.

d Implement the onRestore(Bundle bundle) Activity method to update widgets from the bundle.

e Implement the onSaveInstanceState() Activity method to store the values in shared properties.

Next

Example Report

Test: Android 4.0 Development

This report is confidential and its contents are intended to assist in the prediction of an applicant's work behavior. If you would like more information about this interpretive report or other products that SHL offers, please contact your account representative.

Score: 2.75
Proficiency Level: Proficient (2.51 - 3.50)

The candidate has mastered the basic concepts of Android 4.0 Development, including:

- Structure and Construction
- Tools and Development
- User-Facing Components

The candidate demonstrates a clear understanding of intermediate Android 4.0 Development concepts, such as:

- I/O, Network and Data Storage
- System and Application Interactions
- Extended Capabilities

The candidate may have some knowledge of more advanced Android 4.0 Development concepts such as:

- Configuration and Deployment
- Non-Interface Components

At the Proficient level, the candidate will be capable of working on most projects involving Android 4.0 Development with minimal assistance. However, the candidate will probably require more assistance with advanced concepts.

Percentile Comparisons
 The percentile score indicates how well the candidate scored relative to other candidates in the comparison population indicated by the score.

Percentile Comparisons

	Low	Medium	High
Percentile	38	70	100
Global Population	38 <input style="width: 50px;" type="text"/>		

Detail Item Results

Order	Question	Topic	Description	Skill Level	Time Taken (Seconds)	Is Correct	A	B	C	Theta	Info	Stand Error
1	ANDROID_40_DEV_BB_0148	Tools and Development	Guidelines and Best Practices	Basic	14.9	Yes						
2	ANDROID_40_DEV_BB_0146	Tools and Development	Guidelines and Best Practices	Basic	12.7	No						
3	ANDROID_40_DEV_BB_0113	User-Facing Components	Resources and Localization	Basic	20.9	Yes						