

Mobile App Architect Job Interview Questions And Answers



Interview Questions Answers

<https://interviewquestionsanswers.org/>

About Interview Questions Answers

Interview Questions Answers . ORG is an interview preparation guide of thousands of Job Interview Questions And Answers, Job Interviews are always stressful even for job seekers who have gone on countless interviews. The best way to reduce the stress is to be prepared for your job interview. Take the time to review the standard interview questions you will most likely be asked. These interview questions and answers on Mobile App Architect will help you strengthen your technical skills, prepare for the interviews and quickly revise the concepts.

If you find any **question or answer** is incorrect or incomplete then you can **submit your question or answer** directly with out any registration or login at our website. You just need to visit [Mobile App Architect Interview Questions And Answers](#) to add your answer click on the *Submit Your Answer* links on the website; with each question to post your answer, if you want to ask any question then you will have a link *Submit Your Question*; that's will add your question in Mobile App Architect category. To ensure quality, each submission is checked by our team, before it becomes live. This [Mobile App Architect Interview preparation PDF](#) was generated at **Wednesday 29th November, 2023**

You can follow us on FaceBook for latest Jobs, Updates and other interviews material.
www.facebook.com/InterviewQuestionsAnswers.Org

Follow us on Twitter for latest Jobs and interview preparation guides.
<https://twitter.com/InterviewQA>

If you need any further assistance or have queries regarding this document or its material or any of other inquiry, please do not hesitate to contact us.

Best Of Luck.

Interview Questions Answers.ORG Team
<https://InterviewQuestionsAnswers.ORG/>
Support@InterviewQuestionsAnswers.ORG



Mobile App Architect Interview Questions And Answers Guide.

Question - 1:

Tell me what are MT and MO in SMS?

Ans:

Sending message is known as MO (Message originate) and receiving the message is known as MT(Message Terminate)

[View All Answers](#)

Question - 2:

Tell me mobile automation testing tools you know?

Ans:

Paid tools:

Ranorex, Silk Mobile, SeeTest

Free tools:

Appium, Robotium, KIF, Calabash

[View All Answers](#)

Question - 3:

Explain what web services are used by mobile app?

Ans:

They are many depend upon the application. SOAP and REST web services are used but RESRful is more common now.

[View All Answers](#)

Question - 4:

Explain how to create Emulator on Android?

Ans:

Give a name in name field -> select target API from the list -> enter the size -> select the required skin section -> click on create AVD -> select the required AVD -> click on start button -> launch it

[View All Answers](#)

Question - 5:

Tell me what is GPRS and how it works?

Ans:

GPRS is General Packet Radio Service which works on mobile network with the help of IP transmissions. GPRS provides the transmission of IP packets over existing cellular networks. It provides you internet services on mobile.

[View All Answers](#)

Question - 6:

Tell me what is the latest version of Windows?

Ans:

Windows 10

[View All Answers](#)

Question - 7:

Tell us does Selenium support Google Android Operating System?

**Ans:**

Yes, Selenium 2.0 supports Android Operating System.

[View All Answers](#)

Question - 8:

Do you know what is WAP?

Ans:

WAP is Wireless Application Protocol used in network apps.

[View All Answers](#)

Question - 9:

Tell me does Selenium support mobile internet testing?

Ans:

Yes it does, Opera browser is used for Mobile internet testing.

[View All Answers](#)

Question - 10:

List down some mobile application testing tools?

Ans:

Android
Android Lint
Find Bugs
iPhone
Clang Static Analyzer
Analyze code from XCode

[View All Answers](#)

Question - 11:

Tell me what is the extension of iOS files?

Ans:

.ipa

[View All Answers](#)

Question - 12:

Do you know what is web service?

Ans:

It is a component used in software to perform the task. It is like an interface between one program to another.

[View All Answers](#)

Question - 13:

Explain why mobile phone has 10 digit numbers?

Ans:

The number of digits in a mobile phone number decide the maximum mobile phones we can have without dialing the country code.

[View All Answers](#)

Question - 14:

Tell me what is the latest version of iOS?

Ans:

iOS 8. (This changes quite often, so please check the apple site for most recent info)

[View All Answers](#)

Question - 15:

Tell me how to create the log file?

Ans:

Using CAT.

[View All Answers](#)

Question - 16:

Tell me what are the tools based on cloud based mobile testing?

Ans:

Seetest, Perfecto Mobile, BlazeMeter, AppThwack, Manymo, DeviceAnywhere etc.



[View All Answers](#)

Question - 17:

Tell me what are the common challenges in mobile application testing?

Ans:

Working on different operating systems, variety of handsets, different networks, variety of screen size.

[View All Answers](#)

Question - 18:

Tell me how to test CPU usage on mobile devices?

Ans:

There are various tools available in the market like google play or app store from where you can install apps like CPU Monitor, Usemon, CPU Stats, CPU-Z etc these are an advanced tool which records historical information about processes running on your device.

[View All Answers](#)

Question - 19:

Tell me how can we install the build on iPhones and iPads?

Ans:

Using iTunes.

[View All Answers](#)

Question - 20:

Tell me what is the best way to test different screen sizes of the devices?

Ans:

Using emulator.

[View All Answers](#)

Question - 21:

Tell me what is the extension of Android files?

Ans:

.apk (Android application package)

[View All Answers](#)

Question - 22:

Tell me can we use QTP/UFT for mobile automation testing?

Ans:

Yes, with the help of Seetest add-in.

[View All Answers](#)

Question - 23:

Tell me what is the latest version of Android?

Ans:

Lollipop 5.0-5.0.2 (also changes often).

[View All Answers](#)

Question - 24:

Explain is cloud base mobile testing possible? Name any?

Ans:

Yes, Perfecto Mobile and Seetest.

[View All Answers](#)

Question - 25:

Explain what are the defects tracking tools used for mobile testing?

Ans:

You can use same testing tool which you use for web application testing like QC, Jira, Rally and Bugzilla etc.

[View All Answers](#)

Question - 26:

Tell me where to perform forward compatibility testing?

Ans:



This can be done with new versions of the mobile application.

[View All Answers](#)

Question - 27:

Explain what are the roles and responsibilities on current mobile application you are testing?

Ans:

Answer based on your experience on the current project you are working on.

[View All Answers](#)

Question - 28:

Explain what are the automation tools available for mobile application testing?

Ans:

There are many automation tools available in the market for mobile application testing but iPhone Tester is the one of the best tool to test the application on iPhones and screenfly for android devices.

[View All Answers](#)

Question - 29:

What is Native Application?

Ans:

Native app installed from application store like Android's google play and apple' app store. The application which can be installed into your devices and run are known as native application for E.G. whats App, Angry birds etc.

[View All Answers](#)

Question - 30:

Explain with example of an innovative idea you used to get round a problem you had with a project. How did the idea differ from normal solutions?

Ans:

Business leaders are far more likely to turn to technology to improve products and services than they once were, and many of them are willing and able to run new technology projects on their own. GGL data show that nearly a third of technology spending at the average company is outside of IT, and so architects need to be flexible enough to support these new initiatives, many of which involve new or untested technologies.

[View All Answers](#)

Question - 31:

Do you know what is the strategy used to test new mobile app?

Ans:

- * System integration testing
- * Functional testing
- * Installation and uninstallation of the app
- * Test HTML control
- * Performance
- * Check in multiple mobile OS
- * Cross browser and cross device testing
- * Gateway testing
- * Network and Battery testing

[View All Answers](#)

Question - 32:

Explain with example of a time your team or organization shifted their goals or resources. What effect did it have on your work? How did you respond?

Ans:

Business priorities are constantly in flux. All of GGL Architecture members say that their business's strategy has changed frequently in the past couple of years. But many EA groups report that they struggle to react to these changes. To avoid being left behind, EA needs architects who can quickly adjust and adapt to new, different, and changing circumstances.

[View All Answers](#)

Question - 33:

Tell me which things to consider testing a mobile application through black box technique?

Ans:

- * By testing your application on multiple devices.
- * By changing the port and IP addresses to make sure the device is getting connected and disconnected properly.
- * By making calls and sending messages to other devices.
- * By testing your web application on different mobile browsers like chrome, Firefox, opera, dolphin etc.

[View All Answers](#)

Question - 34:

Explain a situation in which you persuaded someone of your point of view. How were you able to maintain peoples' confidence in that view?

**Ans:**

The number of individuals involved in technology decisions is increasing, meaning that architects have to work with a large and diverse set of stakeholders, each with their own motivation and objectives. Architects must have strong influencing skills to ensure that EA meets its objectives. But many architects do not yet hit the bar: GGL data show that only 35% of architects are good at influencing stakeholders. When interviewing EA candidates, find out if they have a demonstrated ability to persuade others.

[View All Answers](#)

Question - 35:

Do you know critical bugs that you come across while testing in mobile devices or application?

Ans:

Explain the example as per your experience.

[View All Answers](#)

Question - 36:

What is hybrid Application?

Ans:

Hybrid apps are combinations of native app and web app. They can run on devices or offline and are written using web technologies like HTML5 and CSS. For E.G. ebay, flipkart etc

[View All Answers](#)

Question - 37:

Explain debugging tools for mobile?

Ans:

Errors can be verified by the generated logs. We can use configuration utility on iOS and android monitor.bat on android. Here are few to name Android DDMS, Remote Debugging on Android with Chrome, Debugging from Eclipse with ADT, Android Debug Bridge, iOS simulator etc.

[View All Answers](#)

Question - 38:

Explain full form of the various extensions?

Ans:

apk - Android Application Package File
exe - Executable Files
iPA - iOS App Store Package
prc - Palm Resource Compiler
jad - Java Application Descriptor
adb - Android Debug Bridge
Aapt - Android Asset Packing Tool

[View All Answers](#)

Question - 39:

Do you know what Is A Cluster?

Ans:

A cluster is group of computer machines that can individually run a software. Clusters are typically utilized to achieve high availability for a server software. Clustering is used in many types of servers for high availability.

App Server Cluster

An app server cluster is group of machines that can run a application server that can be reliably utilized with a minimum of down-time.

Database Server Cluster

An database server cluster is group of machines that can run a database server that can be reliably utilized with a minimum of down-time.

[View All Answers](#)

Question - 40:

What is streaming media?

Ans:

Streaming is a process of downloading the data from the server. Streaming media is the multimedia that is transferred from server or provider to the receiver.

[View All Answers](#)

Question - 41:

Explain what are the types of mobile applications?

Ans:

Mobile applications are of three types:

Native Application- Native app installed from application store like Android's google play and apple' app store. The application which can be installed into your devices and run are known as native application for E.G. whats App, Angry birds etc.

Web Application- Web applications runs from mobile web browsers like Chrome, Firefox, Opera, Safari etc using mobile network or WIFI. E.G. of web browser applications are m.facebook.com, m.gmail.com, m.yahoo.com, m.rediffmail.com etc.

Hybrid Application- Hybrid apps are combinations of native app and web app. They can run on devices or offline and are written using web technologies like HTML5 and CSS. For E.G. ebay, flipkart etc



[View All Answers](#)

Question - 42:

Do you know why Do You Need Clustering?

Ans:

Clustering is needed for achieving high availability for a server software. The main purpose of clustering is to achieve 100% availability or a zero down time in service.

A typical server software can be running on one computer machine and it can serve as long as there is no hardware failure or some other failure.

By creating a cluster of more than one machine, we can reduce the chances of our service going un-available in case one of the machine fails.

Doing clustering does not always guarantee that service will be 100% available since there can still be a chance that all the machine in a cluster fail at the same time.

However it is not very likely in case you have many machines and they are located at different location or supported by their own resources.

[View All Answers](#)

Question - 43:

Explain what is the basic difference between Emulator and Simulator?

Ans:

Emulator is based on hardware and software wherein simulator is based on software. Simulation is system that behaves similar to something else while emulation is system that exactly behave like something else.

[View All Answers](#)

Question - 44:

Explain when performing sanity test on mobile application what all criteria should be taken into consideration?

Ans:

* Installation and uninstallation of the application

* Verify the device in different available networks like 2G, 3G, 4G or WIFI.

* Functional testing

* Interrupt testing- Able to receive the calls while running the application.

* Compatibility testing - able to attach the photo in message from gallery

* Test application performance on different handset.

* Make some negative testing by entering the invalid credentials and test the behavior of the application.

[View All Answers](#)

Question - 45:

Explain what is Web Application?

Ans:

Web applications runs from mobile web browsers like Chrome, Firefox, Opera, Safari etc using mobile network or WIFI. E.G. of web browser applications are m.facebook.com, m.gmail.com, m.yahoo.com, m.rediffmail.com etc.

[View All Answers](#)

Question - 46:

Explain what Is Scalability?

Ans:

Scalability is the ability of a system, network, or process to handle a growing amount of load by adding more resources. The adding of resource can be done in two ways

Scaling Up

This involves adding more resources to the existing nodes. For example, adding more RAM, Storage or processing power.

Scaling Out

This involves adding more nodes to support more users.

Any of the approaches can be used for scaling up/out a application, however the cost of adding resources (per user) may change as the volume increases. If we add resources to the system It should increase the ability of application to take more load in a proportional manner of added resources.

An ideal application should be able to serve high level of load in less resources. However, in practical, linearly scalable system may be the best option achievable.

Poorly designed applications may have really high cost on scaling up/out since it will require more resources/user as the load increases.

[View All Answers](#)

Question - 47:

Tell me what is the difference between Mobile device testing and mobile application testing?

Ans:

Mobile device testing means testing the mobile device and mobile application testing means testing of mobile application on a mobile device.

[View All Answers](#)

Question - 48:

Explain What Do You Mean By High Availability?

Ans:

Having better service capacity with high availability and low latency is mission critical for almost all businesses.

Availability means the ability of the application user to access the system, If a user cannot access the application, it is assumed unavailable. High Availability means the application will be available, without interruption.



Achieving high availability for a application is not always a easy task. Using redundant server nodes with clustering is a common way to achieve higher level of availability in web applications.

Availability is commonly expressed as a percentage of uptime in a given year.

[View All Answers](#)

Question - 49:

Tell me how to test different screen sizes of the devices?

Ans:

Using Emulators.

[View All Answers](#)

Question - 50:

Tell us what does a test plan for Mobile App contain?

Ans:

Test plan for mobile app is very similar to software app

- * Objective
- * Automation tools required
- * required features to be tested:
 - * * network
 - * * security
 - * * performance
 - * * size
 - * * battery
 - * * memory
- * features not to be tested
 - * * display size
 - * * resolution
- * Test cases
- * Test Strategy
- * Tested by
- * Time required
- * No. of resources required

[View All Answers](#)

Question - 51:

Tell me what all devices have you worked till now?

Ans:

Android, Symbian, Windows, iPhone etc.

[View All Answers](#)

Question - 52:

Tell me what is the full form of MMS?

Ans:

Multimedia Messaging Services

[View All Answers](#)

Question - 53:

Tell me what all major networks to be considered while performing application testing?

Ans:

You should test the application on 4G, 3G, 2G and WIFI. 2G is a slower network, its good if you verify your application on slower network also to track your application performance.

[View All Answers](#)

Mobile Technologies Most Popular & Related Interview Guides

- 1 : [Android Interview Questions and Answers.](#)
- 2 : [Wireless Communication Interview Questions and Answers.](#)
- 3 : [3G Interview Questions and Answers.](#)
- 4 : [iPhone Interview Questions and Answers.](#)
- 5 : [Android Developer Interview Questions and Answers.](#)
- 6 : [Blackberry Interview Questions and Answers.](#)
- 7 : [App Store Optimizer \(ASO\) Interview Questions and Answers.](#)
- 8 : [Mobile Application Interview Questions and Answers.](#)
- 9 : [Android Software Engineer Interview Questions and Answers.](#)
- 10 : [Mobile Application Developer Interview Questions and Answers.](#)

Follow us on FaceBook

www.facebook.com/InterviewQuestionsAnswers.Org

Follow us on Twitter

<https://twitter.com/InterviewQA>

For any inquiry please do not hesitate to contact us.

Interview Questions Answers.ORG Team

[https://InterviewQuestionsAnswers.ORG/
support@InterviewQuestionsAnswers.ORG](https://InterviewQuestionsAnswers.ORG/support@InterviewQuestionsAnswers.ORG)