**AWS** 

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# Test and Debug Your Mobile Apps on Real Android and iOS Devices in the Cloud with AWS Device Farm

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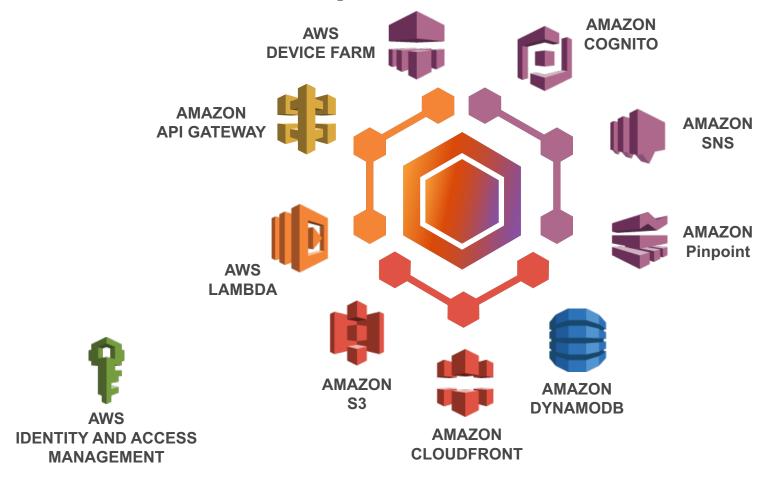
# Get Started Quickly



## **AWS for Mobile App Development**



## Mobile Hub auto-provisions mobile services



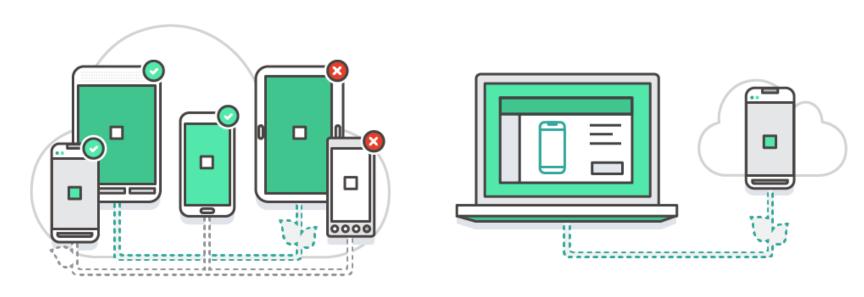
# **Ensure App Quality**



## What Problems is AWS Device Farm solving?



## Which usage modes does AWS Device Farm offer?



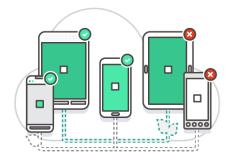
**Automated Testing** 

**Remote Access** 

## **Automated Testing with AWS Device Farm**



Choose apps, devices and automation framework



Test your apps against a choice of real phones and tablets

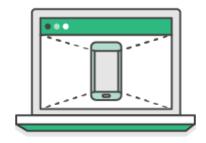


Get test results that pinpoints bugs and performance issues

### Remote Access with AWS Device Farm



Select a device by attributes such as make, model and OS version

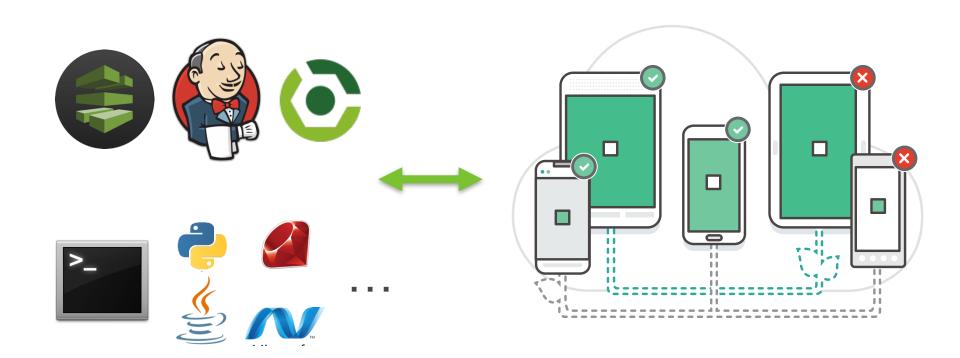


Device Farm displays the device's screen in your browser

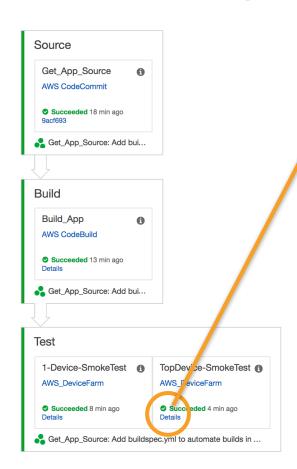


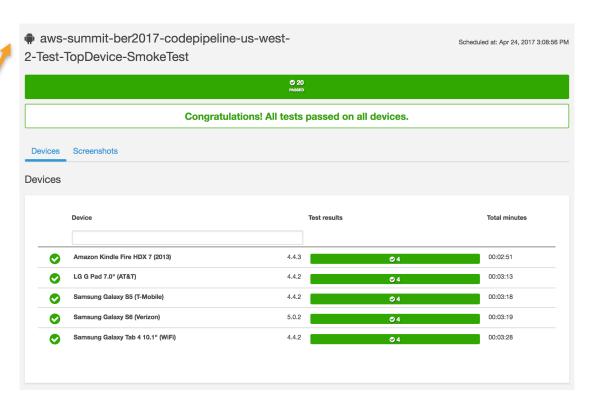
Gesture, swipe and Interact with the device.
Reproduce customer issues and test functionality

## Continuously deliver quality applications



## Continuously deliver quality applications





# Demo







#### Configure



Integrate











#### Configure more features or integrate with my app



#### User Sign-in

Let your users sign in with public identity providers or your own identity system.

Powered by Amazon Cognito





#### NoSQL Database

Store data in a fully managed cloud database.

Powered by Amazon DynamoDB





#### Cloud Logic

Run your business logic in the cloud.

Powered by Amazon API Gateway and AWS Lambda









#### User Data Storage

Store files for your users in the cloud, and store and sync user data in key/value pairs.

Powered by Amazon Cognito and S3





#### Conversational Bots

Add voice and chat bots to your mobile app.

Powered by Amazon Lex





#### User Engagement

Analyze app usage and drive targeted user engagement.

Powered by Amazon Pinpoint











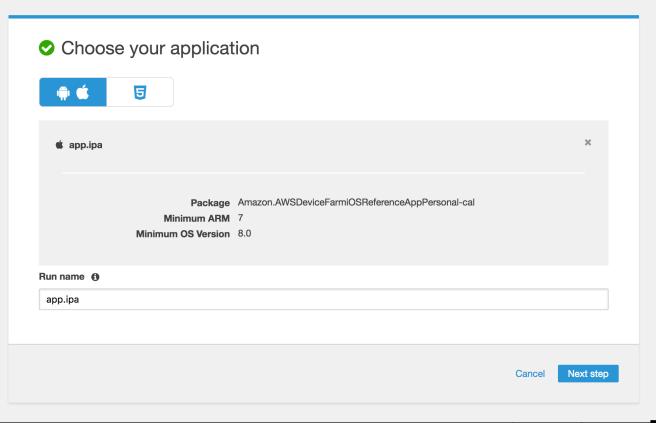








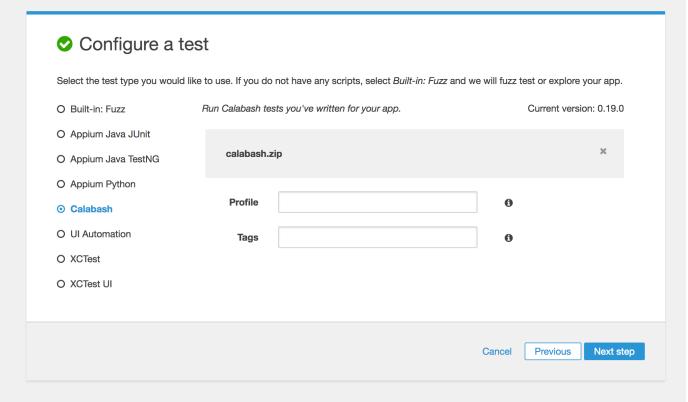
- **Choose application**
- Configure test
- Select devices
- Specify device state
- Review and start run







- Choose application
- **Configure test**
- Select devices
- Specify device state
- Review and start run







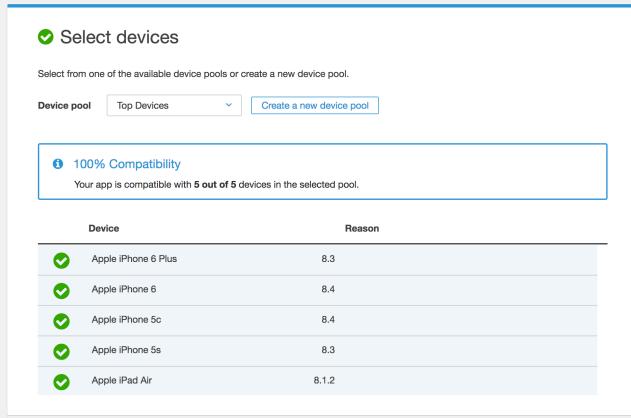




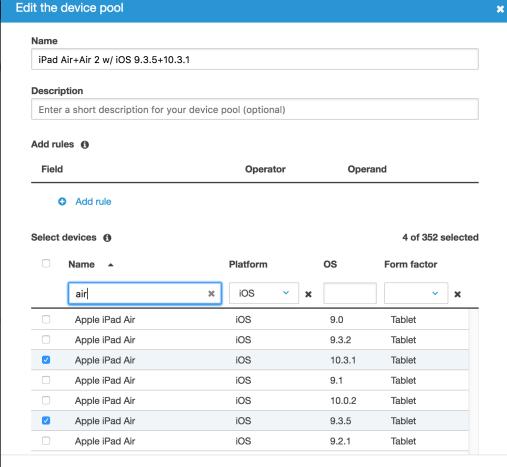




- 2 Configure test
- 3 Select devices
- 4 Specify device state
- 5 Review and start run



#### Create a ne



Cancel

Delete device pool

Save device pool



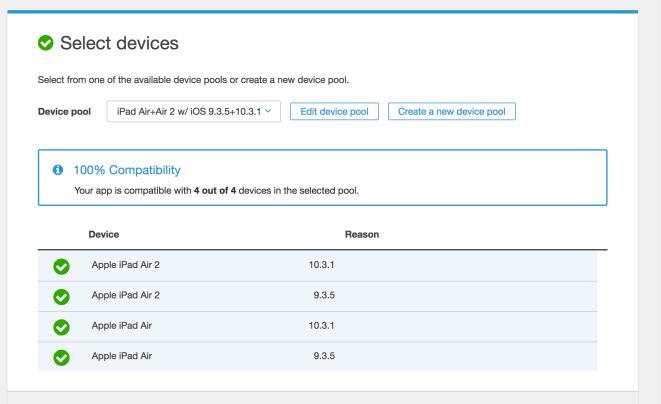






Learn more about unlimited testing

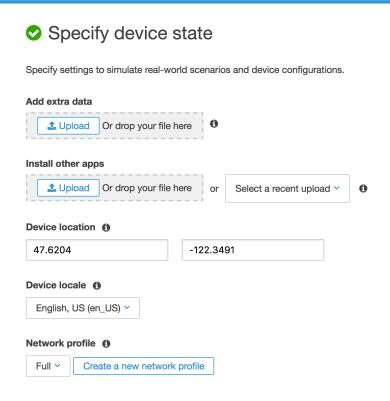
- Choose application
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- 2 Configure test
- 3 Select devices
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## **Key Takeaways**

Don't Re-invent the Wheel
Use Mobile Hub to see how the SDKs work
Incorporate Mobile Hub generated code into your project or add in SDKs

Take advantage of free and inexpensive solutions with minimum investment

Test your app with Device Farm across many devices

Invest your company time building differentiating features for your business



