Why Genymotion Cloud?

• Test Android apps on a Virtual Device: start a device, run the test and get back results as part of your regular jobs and testing routines
• Test on any Android version with any testing framework.
• Test at scale: run tests on as many devices as you want in parallel, instantaneously without the hassle on handling an Android device infrastructure.

Product overview

Genymotion Android In the Cloud is available as Amazon Machine Images (AMI) on AWS Marketplace, in both x86-64 & ARM-64 versions with or without dedicated GPUs. Android teams use Genymotion around the world to scale their Android devices infrastructure for automated tests as part of their mobile CI pipeline, demo and share their apps instantly and without the need to maintain a fleet of real devices, enabling decentralized teamwork with devices accessible from anywhere.

Product features

Fully customizable Android device to meet application testing needs

• Google Play Services, Xposed or any other app dependencies can be easily installed if needed
• Enable or disable ADB to access the device from your computer.
• Change product properties
• Adjust the resolution of virtual devices

Full ADB access for any testing framework compatibility

• Enable ADB to connect to any virtual device like you would connect a physical device
• Full compatibility with any ADB-based automation framework such as Appium, Espresso, and Detox
• Compatible with any testing framework that relies on ADB

APIs for automation testing

• Use AWS ec2 APIs to automate the lifecycle of the virtual devices (start/stop) between tests
• Use HTTP/Java APIs or adb to automate the emulation of sensors and data
• Simulate the network bandwidth and baseband network
• Input text, simulate mouse, keyboard, and touch events as well as calls and SMS/text messages

What our customers are saying

"Using Genymotion from AWS Marketplace has enabled us to improve application quality and deliver more functionality, faster."

- Steven Newson, Director of Technology, Starling Bank
How it works

Genymotion "Platform as a Service" (PaaS) images offer an Android environment featuring the power of Genymotion on the cloud providers Amazon Web Services. The "pay-as-you-use" solution allows you to work with Android virtual devices within a web browser and size your environment according to your exact needs.

Differentiators

- Compatibility with all test automation tools through ADB
- Dedicated GPU available on AWS
- Control over your infrastructure, security standards and cost
- Infinite scalability with cloud datacenters

Solution available in AWS Marketplace