Xamarin Test Cloud

Mobile app testing on hundreds of devices

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• Xamarin Test Cloud is a cloud-based solution that provides tools which support automated UI Acceptance Testing of mobile applications across hundreds of different devices.

• This enables anyone to ensure that their application performs correctly and efficiently across a variety of devices with minimal effort.

• Maintenance and procurement efforts are removed from the test consumer, who can then focus on verify that the app works correctly.
Ecosystem Workflow

1. Commit

2. Build

3. Execute Unit Tests

4. Upload to TestCloud

5. Deploy App to Devices

6. Execute Tests

Source Code Repository

- App
  - App Code
  - Unit Tests
  - Calabash Tests

Build Server

- App Code
- Calabash Tests

TestCloud

- Devices

Developer

Results
<table>
<thead>
<tr>
<th>Xamarin Test Cloud Agent</th>
<th>Device Agent</th>
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<tr>
<td>The Xamarin Test Cloud Agent is a middle-man that will take queries (and in some cases, actions) from the tests and perform them on the application being tested.</td>
<td>This is installed only for iOS applications that are built with Xcode 8. Logically, it is responsible for performing gestures and advanced queries on iOS views but does so using a different set of testing APIs.</td>
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Microsoft’s mobile app development services aggregator platform. Xamarin Test Cloud is now a part of Visual Studio App Center.

Platform allows to build, test, distribute, and monitor your mobile apps, and also implement push notifications.
Features & Pricing

- Unlimited apps, unlimited organizations, and unlimited teams
- Crashes and Analytics features completely free
- 1 build pipeline per organization, 240 build minutes per month, and up to 30 minutes per build
- Push notifications to up to 5 audience groups
- Unlimited distribution to users, and stores
- Unlimited use of CodePush
- Unlimited launch tests
- A 30-day free trial for 1 device with unlimited device hours
LIVE DEMO
THANK YOU FOR YOUR ATTENTION!