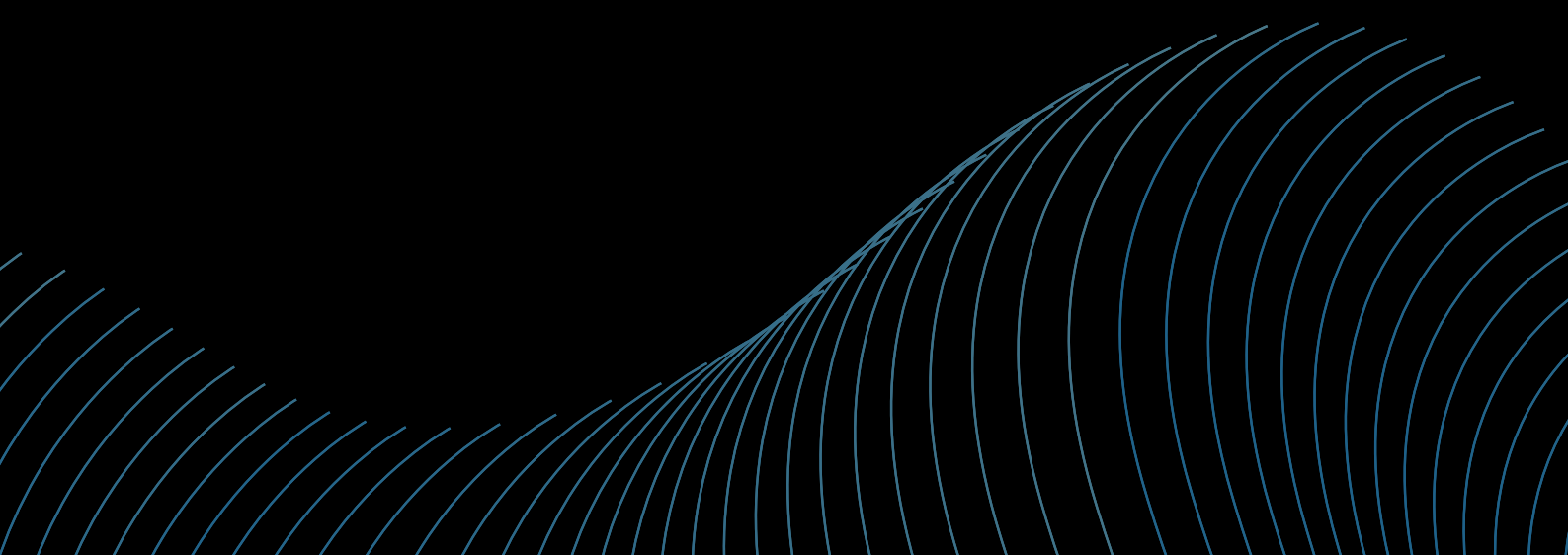


Perform Mobile App API Testing With This Modern Solution





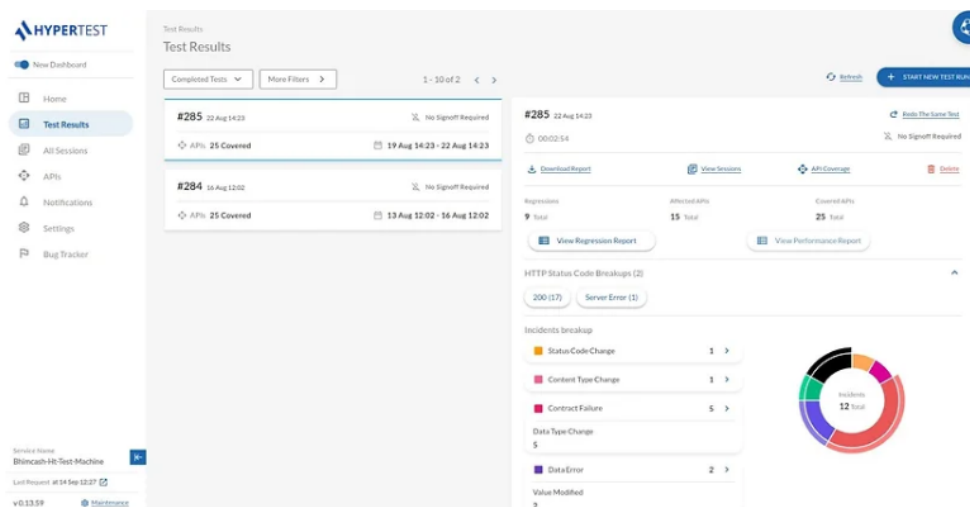
Testing with automated tools is the most common way for Mobile App API testing today. Among the automated tools, a name you can rely on for impeccable results is HyperTest.

Let's understand the stepwise procedure to perform mobile app API testing with HyperTest:



Upon successfully configuring and launching HyperTest for your mobile application, you will be presented with a dashboard similar to this one.

This dashboard provides comprehensive insights into your API status, newly integrated APIs, and historical test results. It has details of your stable/ live branch, and it'll compare any new test that you run with the stable branch to show any regressions, if found.



Assuming that you have introduced new APIs within your mobile application and wish to conduct regression testing before deploying them, you will initiate a new test run and configure custom parameters as necessary.

In this context, the primary URL corresponds to your stable branch, while the candidate URL represents the URL of the version under test. This setup provides comprehensive information on testing sessions, the total number of APIs included, and the available request count for the specific testing window.



Primary URL: <http://172.31.27.128:3011>
Candidate URL: <http://172.31.27.128:3013>

Start New Test Run

Quick Run

Custom

☒ Auto Update Stats

Start New Test Run

Initial Timestamp

12 Sep 13:47

Final Timestamp

15 Sep 13:47

Primary URL

<http://172.31.27.128:3011>

Candidate URL

<http://172.31.27.128:3013>

Test Description

Add Description

Severity

Very High

High

Medium

Low

Sessions

7 Sessions

Covered APIs

58 Total

[Check Coverage](#)

Requests

90 Total

[Check](#)

Time saved

[Check](#)

START QUICK TEST

You have successfully created a test ID “286” in order to run tests on this window to test your proper working of mobile API

HYPERTEST

New Dashboard

Home

Test Results

All Sessions

APIs

Notifications

Settings

Bug Tracker

Service Name

Bhimsach-Ho-Test-Machine

Last Request at 14 Sep 12:27

v0.12.57

Monitoring

Test Results

Test Results

Completed Tests

More Filters

1 - 10 of 3

#286

13 Sep 13:48

Waiting For Runner

APIs: 58 Covered

12 Sep 13:47 - 15 Sep 13:47

#285

22 Aug 14:23

No Signoff Required

APIs: 25 Covered

#284

14 Aug 12:02

APIs: 25 Covered

Test created with id 286

OK

#286

13 Sep 13:48

Waiting For Runner

Cancel

View Sessions

App URL

<http://172.31.27.128:3011>

Candidate

<http://172.31.27.128:3013>

Requests

90 Total | 90 Unique

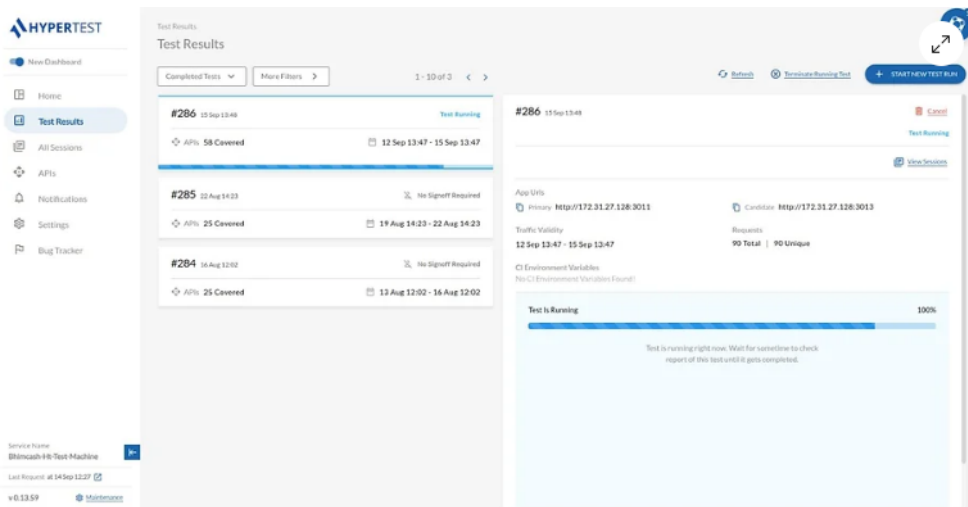
Test is Waiting For Runner

0%

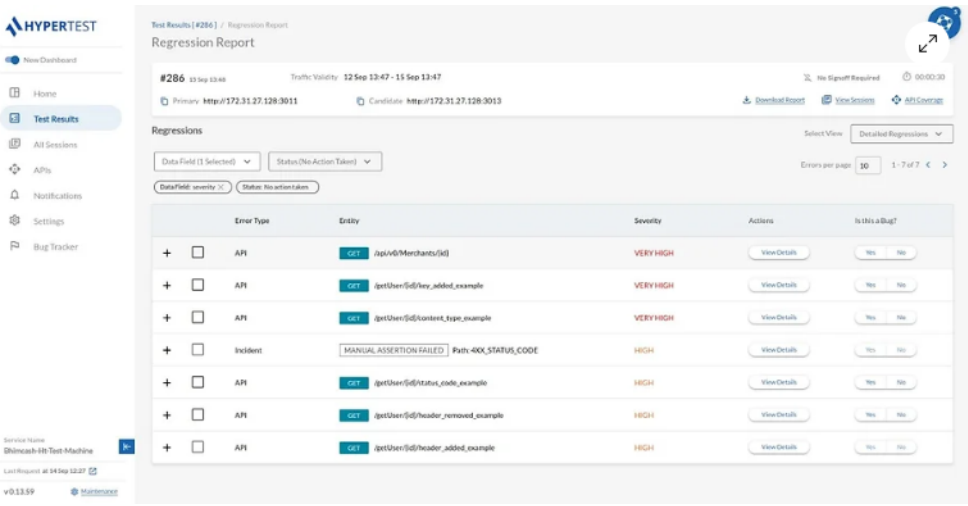
Test is running right now. Wait for sometime to check report of this test until it gets completed.



To initiate the testing process for a specific test ID, such as '286,' you can simply execute the tests. In just a matter of minutes (subject to the test window duration), HyperTest will generate a report highlighting any deviations or successful requests related to your recently introduced APIs. This report will identify all APIs that did not pass the testing criteria.



The regression report provides a comprehensive breakdown of API-related information, including error specifics, URL paths, error severity, and more. Users have the option to navigate to individual errors for an in-depth examination of API paths, request details, session headers, and related attributes. Additionally, HyperTest enables users to flag critical issues as red flags and remove them from the list of regression concerns.





This represents the regression report, detailing each specific error and providing direct navigation to the root cause of the failure. The report encompasses all deviations identified when comparing the mobile app's stable version with the tested version.

- A side-by-side comparison of both branches facilitates enhanced comparison and targeted debugging when necessary. HyperTest is recognized for its ability to report a wide range of bugs, including data type alterations, array modifications, content type discrepancies, key removals, and more. This comprehensive reporting ensures confidence in results without the need for cross-referencing with other mobile app API testing tools.

The screenshot displays the HyperTest web application interface. On the left is a sidebar with navigation options: New Dashboard, Home, Test Results (selected), All Sessions, APIs, Notifications, Settings, and Bug Tracker. The main area shows a 'Failure Details' report for a 'GET MERCHANT DETAILS' API call. It features a side-by-side comparison of two responses. The left response (Incident: VALUE MODIFIED) shows a 'creditLimit' of 30000, while the right response (Path: /creditLimit) shows a 'creditLimit' of 90000. Other fields like 'accountNo', 'businessName', 'businessPhoneNo', 'city', 'createdAt', 'creditRate', 'email', 'id', 'ifsc', 'merchantCode', 'modifiedAt', 'organisationId', 'pan', 'pincode', 'referralCode', 'state', 'ts1', 'ts2', and 'userRole' are also visible. The interface includes filters, a 'Show Side-by-Side Diff' button, and a 'Per page' dropdown set to 50.



Testing mobile app APIs becomes just a visual-work that can be performed in minutes with the help of HyperTest. These tests aggregated over real user-flows run within minutes because traffic is de-duplicated to run only the unique flows. The test reports are then sent to the respective devs via Email / Slack / WhatsApp. Devs can then approve or reject that particular build or commit (sign-off) in seconds with that report that captures all the desired changes, and the side-effects caused because of it in a single view.



HYPERTEST

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