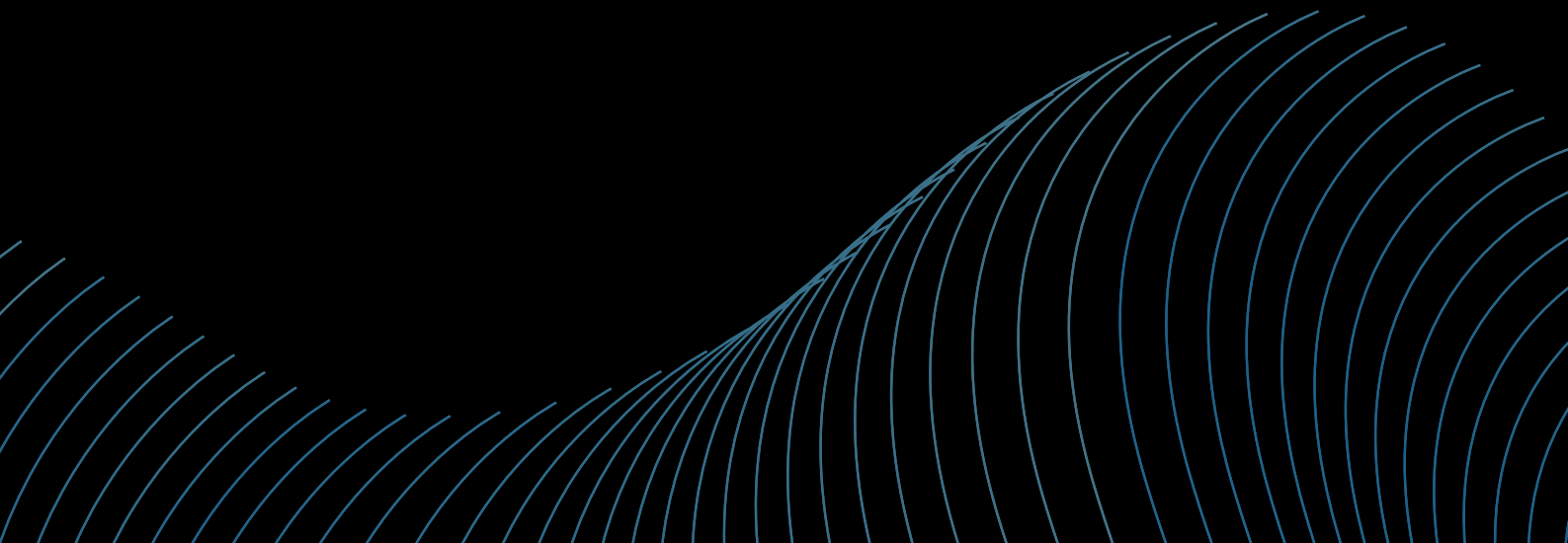
HYPERTEST

SOFTWARE TESTING

Perform Mobile App API Testing With This Modern Solution

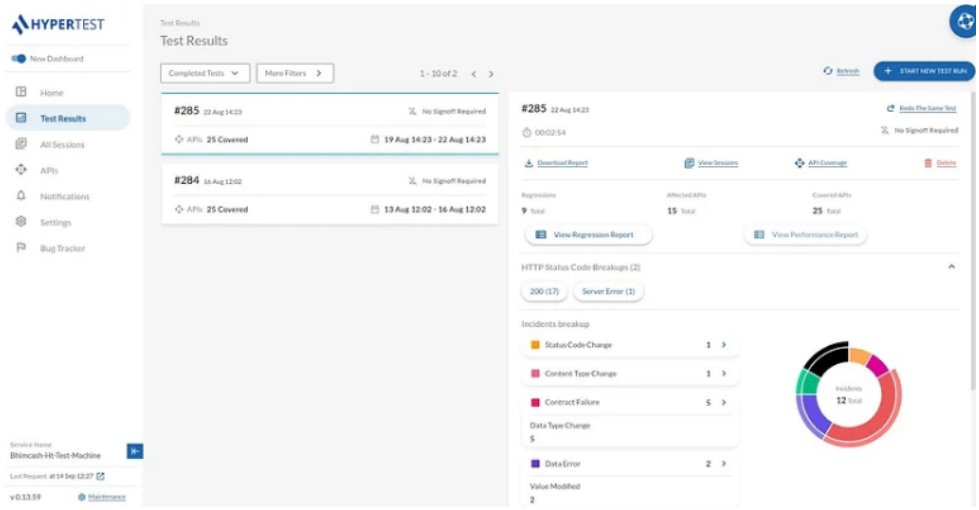


Testing with automated tools is the most common way for Mobile App API testing today. Among the automated tools, a name you can rely on for impeccable results is HyperTest.

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.

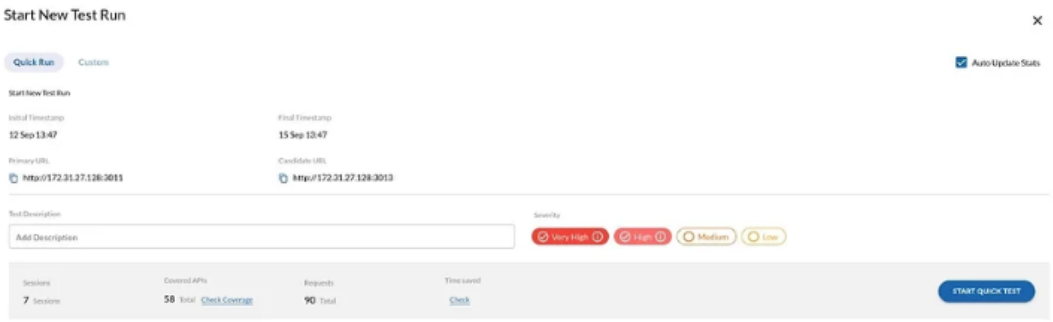
This dashboard provides comprehensive insights into your API status, newly integrated APIs, and historical test results. It has details of your stable/ live branch, and it'll compare any new test that you run with the stable branch to show any regressions, if found.



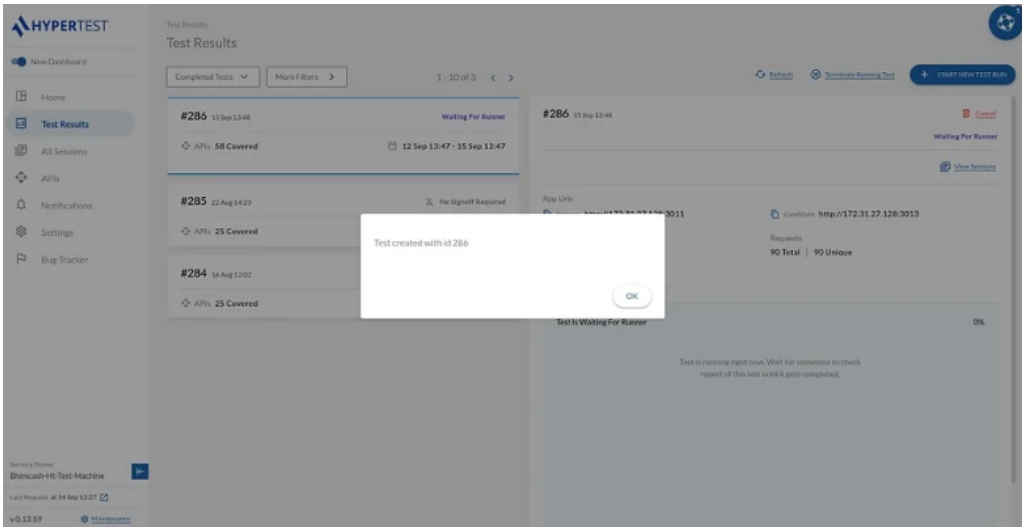
Assuming that you have introduced new APIs within your mobile application and wish to conduct regression testing before deploying them, you will initiate a new test run and configure custom parameters as necessary.

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.

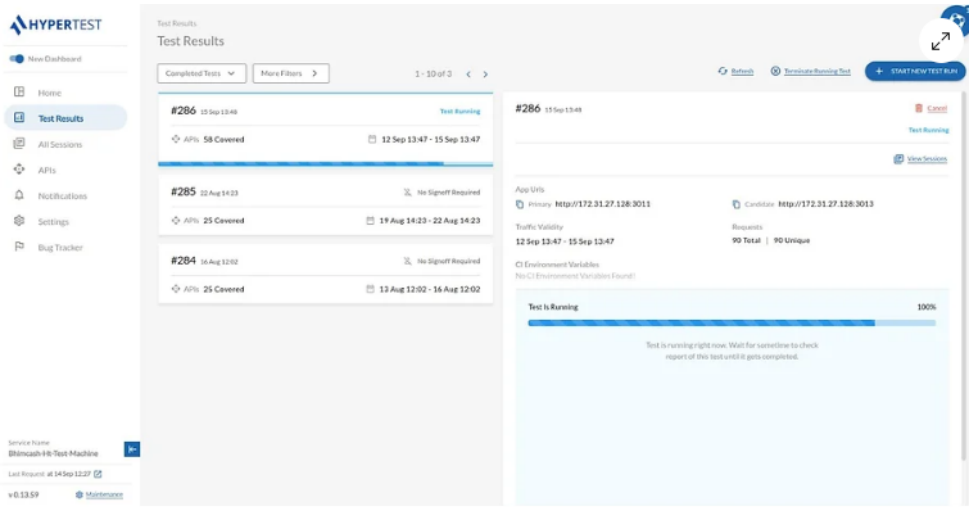
Primary URL: http://172.31.27.128:3011
Candidate URL: http://172.31.27.128:3013



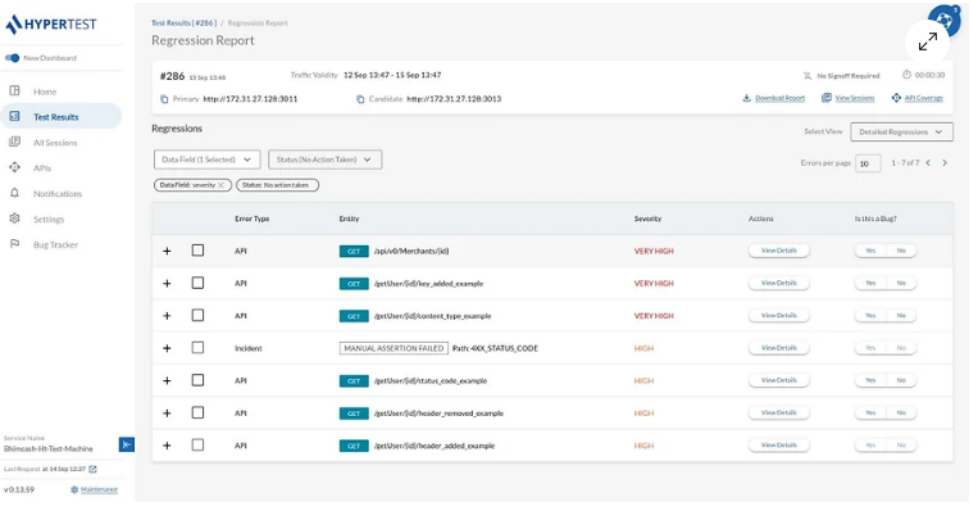
You have successfully created a test ID “286” in order to run tests on this window to test your proper working of mobile API



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.

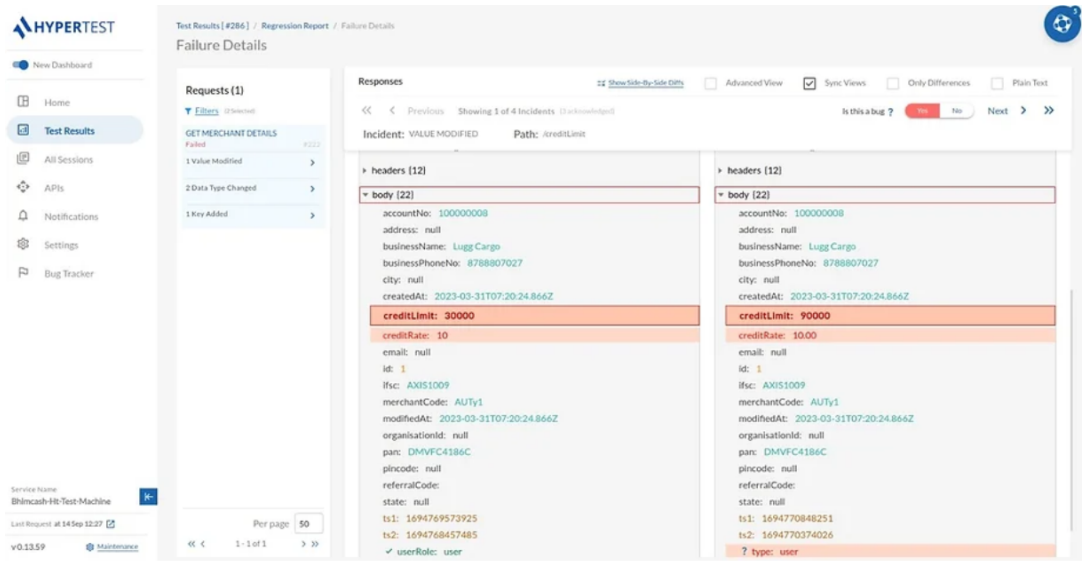


The regression report provides a comprehensive breakdown of API-related information, including error specifics, URL paths, error severity, and more. Users have the option to navigate to individual errors for an in-depth examination of API paths, request details, session headers, and related attributes. 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.



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.

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95 Third Street
2nd Floor, 94103 San Francisco,
California, USA

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