

CUSTOMER SUCCESS STORY



Irdeto

Load testing with CA BlazeMeter to meet dynamic media demands

CLIENT PROFILE

Industry: Media Technology

Company: Irdeto

Employees: 1,000



100,000+

SIMULTANEOUS USERS

Challenge

As the TV Industry rapidly evolves, traditional models of broadcast TV are radically altering. Consumers expect to access media content on-demand and 'on the go' through their mobile devices, tablets, PCs and televisions. Irdeto helps operators keep pace with their consumers and the next 'must have' device, and consequently needs to ensure that the content user experience will be seamless and without delays or 'freezes' in the service delivery.

To test this product offering, realistic loads must be modeled to reflect the various paths of content browsing, selection, purchase and consumption of Irdeto's platform users.

Solution

To ensure the Irdeto Multiscreen Rights platform, including Media Manager, would work flawlessly, the company used its CA Technologies partnership in order to obtain extra support in addition to the regular usage.

The extra support was mostly around establishing what real-world scenarios would look like, and then modelling them in the form of JMeter scripts. These scenarios traversed the front-end content delivery system – browse, purchase and play protected content, including interface with Google Wallet. On top of that, scenarios needed to address the complexities of ramp up and ramp down – while checking specific use cases. Irdeto's team used JMeter's Ultimate Thread Group and Throughput Controller for scripting

“With CA BlazeMeter,
we have established
a feature rich
testing environment
with ease.”

Pedro Ribeiro,
Senior Test Manager, Irdeto

Once the scripts were defined and delivered, Irdeto’s team immediately started identifying bottlenecks and issues in the initial testing stages. With CA BlazeMeter, Irdeto was able to scale the tests to hundreds of thousands of users and run incredibly complex scenarios.

Another valuable advantage that CA BlazeMeter gave Irdeto was the ability to change test scenarios on the fly, such as changing the weight of one user activity in relation to the others. This enabled Irdeto to run more complex tests and consequently reveal less obvious bottlenecks.



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