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The Mindful IT Company
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Performance Testing Against HTTPs Based Native Applications for the Largest Online Education Provider

BUSINESS REQUIREMENTS

Perform a tool evaluation to overcome the certification exception for HTTPs based native applications performance testing

OUR SOLUTIONS

Blazemeter was chosen to overcome the exception

Created a proxy server and configured proxy setting on mobile devices

Intercept and record all HTTP / HTTPs traffic from device to backend server, and measure the response

TOOLS/ TECHNOLOGIES

BlazsMeter | BlazsMeter

JMeter | Jmeter
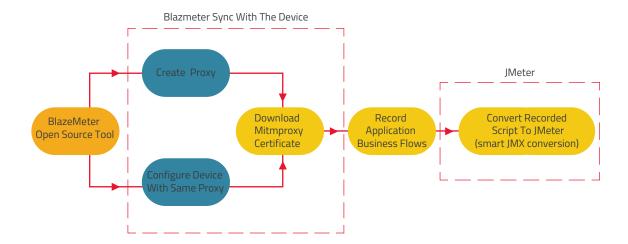
Android/iOS device

BUSINESS IMPACT

Successful performance test runs – Easy to record JMeter scripts for HTTPS native apps with no certification exception

Flexibility to convert recording script into .jmx or JSON. Script optimization using Smart JMX converter

Test Approach

Blazmeter Sync With The Device

JMeter

- BlazeMeter Open Source Tool
- Create Proxy
- Configure Device With Same Proxy
- Download Mitmproxy Certificate
- Record Application Business Flows
- Convert Recorded Script To JMeter (smart JMX conversion)

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About Happiest Minds Technologies:

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable digital transformation for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We leverage a spectrum of disruptive technologies such as: Big Data Analytics, AI & Cognitive Computing, Internet of Things, Cloud, Security, SDN-NFV, RPA, Blockchain, etc. Positioned as "Born Digital . Born Agile", our capabilities spans across product engineering, digital business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality.

Headquartered in Bangalore, India; Happiest Minds has operations in the U.S., UK, The Nether-lands, Australia and Middle East.

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