Blazemeter and Jmeter

HOA LE

AGENDA

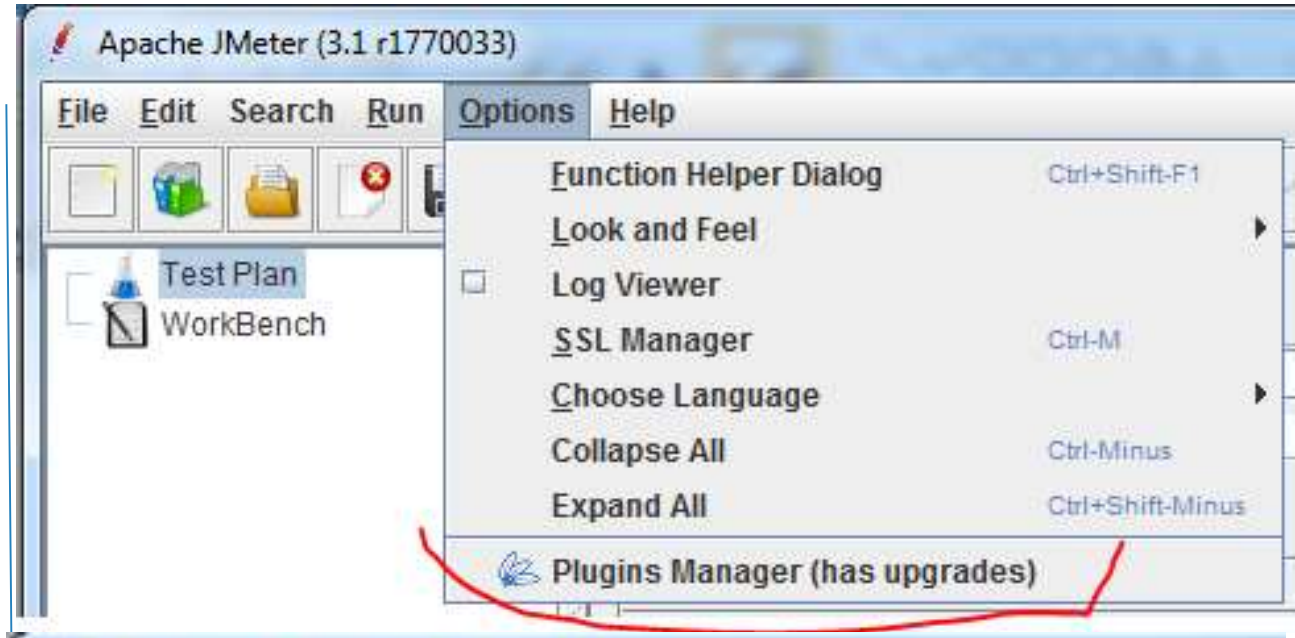
- Reasons For Combine Blazemter And Jmeter
- Introduce Jmeter 3.1 Tool
- Introduce Blazemeter Tool
- How To Run Jmeter Script In Blazemeter

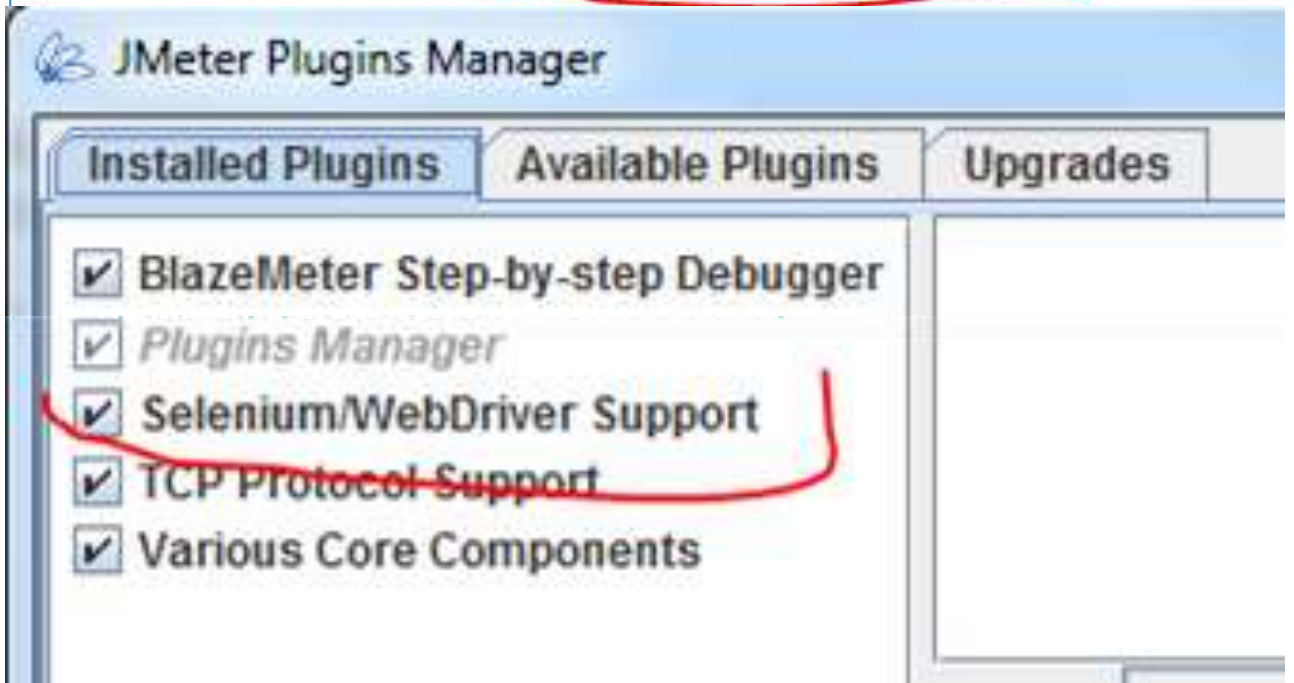
Linux
Solaris
VMware

USA team
Vietnam team
India team

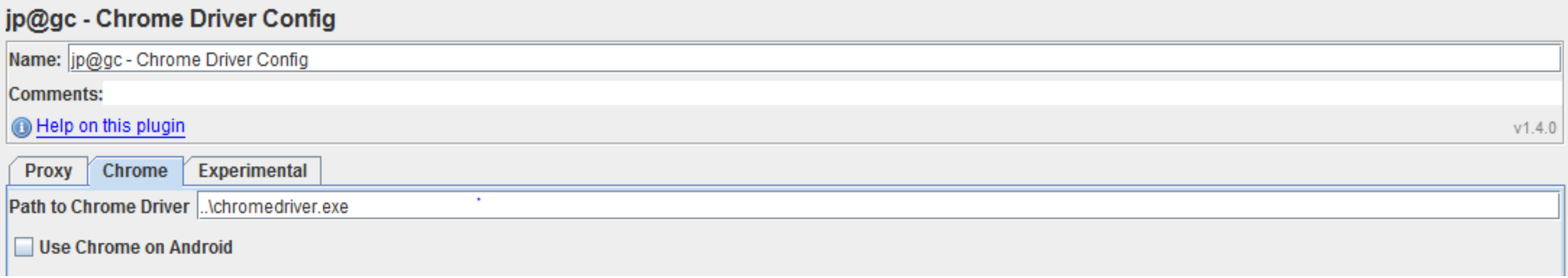
Booking time
Arrange team
Running
Time
Report

- Open Source tool
- Download Jmeter from the official Apache Jmeter website
- Need to have JRE 1.8 to run Jmeter since it's written in pure java
- Unzip apache-jmeter-3.1
- Add [selenium-chrome-driver-2.52.0.jar, selenium-firefox-driver-2.52.0.jar, selenium-ie-driver-2.52.0.jar] into apache-jmeter-3.1\lib





- Require adding a path to the Chrome Driver in the scripts chrome driver configuration



- Don't need to sampleStart() and sampleEnd() in the sample script

- New 'Sent Bytes' KPI is supported

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status
1	07:00:00.000	Thread Group 1-1	Login_HRM_Log...	0	

tus	Bytes	Sent Bytes	Latency	Connect Time(ms)
	67305	0	0	0

- Example: compose Jmeter Script (javascript)

WebDriver classes

```
var pkg = JavaImporter(org.openqa.selenium,
org.openqa.selenium.support.ui)
```

Parameter for test data

```
user = "${user}"
pass = "${pass}"
```

WDS.browser methods

```
WDS.browser.get('http://example.com')
wait.until(conditions.presenceOfElementLocated(pkg.By
.linkText('More information...')))
var
element=WDS.browser.findElement(pkg.By.linkText("More
information..."))
element.click()
```

Demo and Report

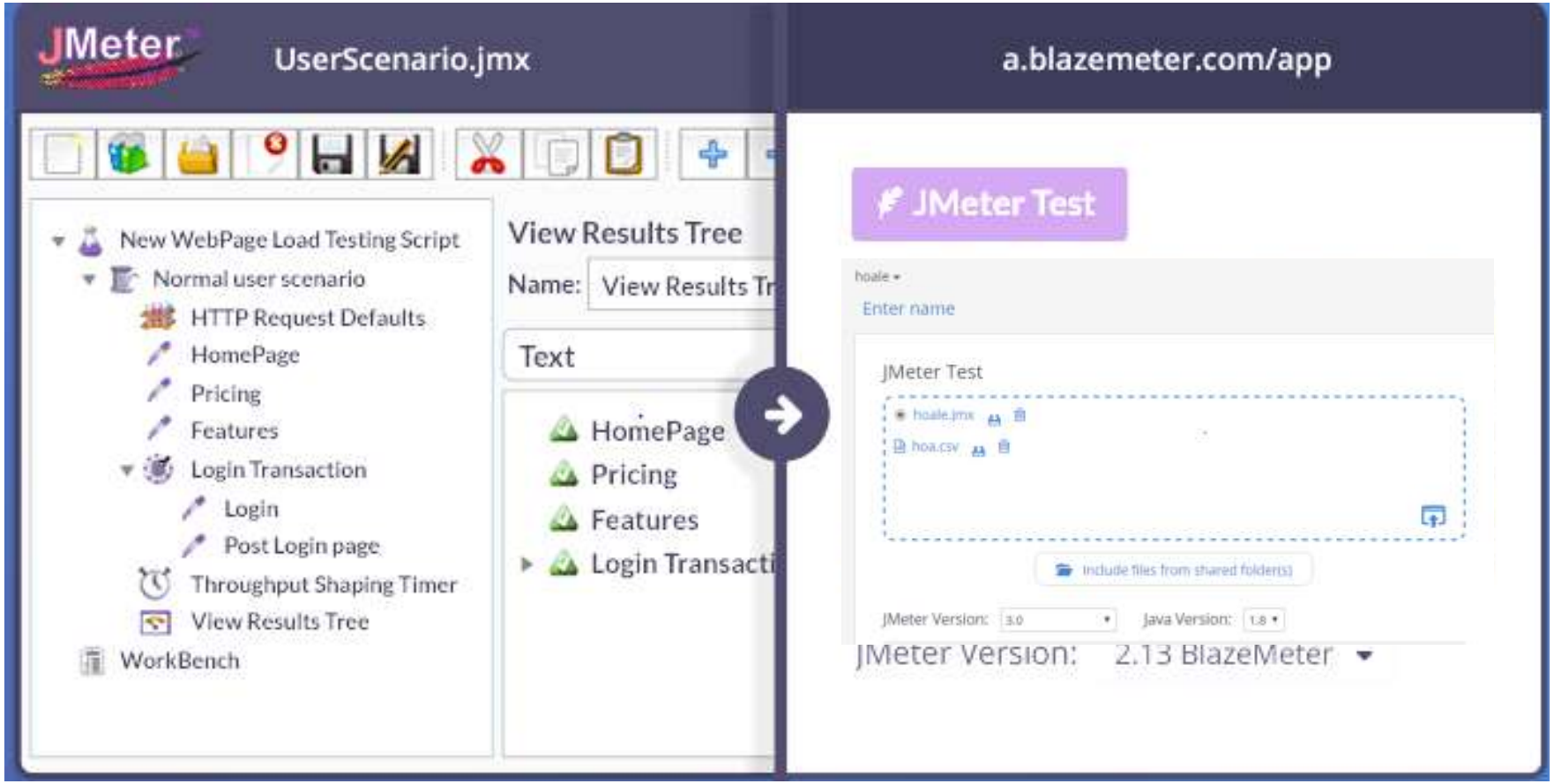
Scenario Name	Start Time	End Time	Reason
Scenario #1: xxxxxxxx			

Performance test result											
Performance Test				Reports							
#	Scenario Name	Total users	Time (duration)	Date	No.of session		60th Percentile response Time	70th Percentile response Time	80th Percentile response Time	90th Percentile response Time	Avg Response Time	Failed Session %
					Success	Failure						
1	Scenario #1: xxxx	xxx	xxx									

Note: Issues: xxx

- Open Source tool
- Compatible with Apache Jmeter

- Can upload .jmx file, Groovy.jar, *.csv file, User.Properties
- Choose specific versions of Jmeter for replay



BlazeMeter

B&U SOLUTION

Annual - *Save up to 35%* | Month-to-Month

FREE

50 Concurrent Users
10 Tests
1 Shared Load Generator

Start Testing Now

Basic

$99/mo

1,000 Concurrent Users
200 Tests/Year
1 Load Generator

Upgrade to Basic

Most Popular

Pro

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5 Load Generators

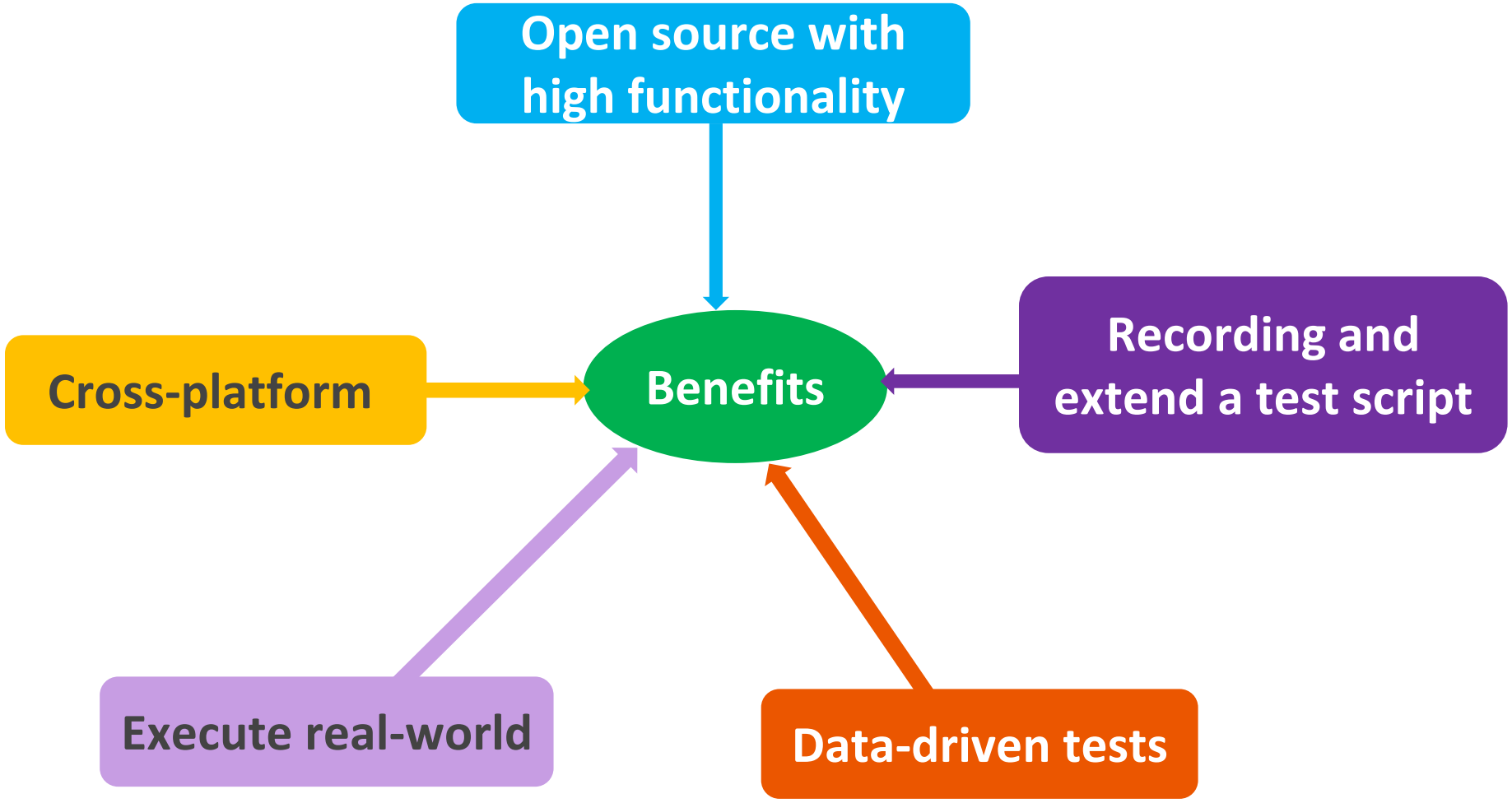
Upgrade to Pro

Enterprise

+1.855.445.2285

As Many Concurrent Users as You Need
As Many Tests as You Need
Scripting Support
Enhanced Support SLA

Schedule a Demo


Open source with high functionality
Cross-platform
Benefits
Recording and extend a test script
Execute real-world
Data-driven tests

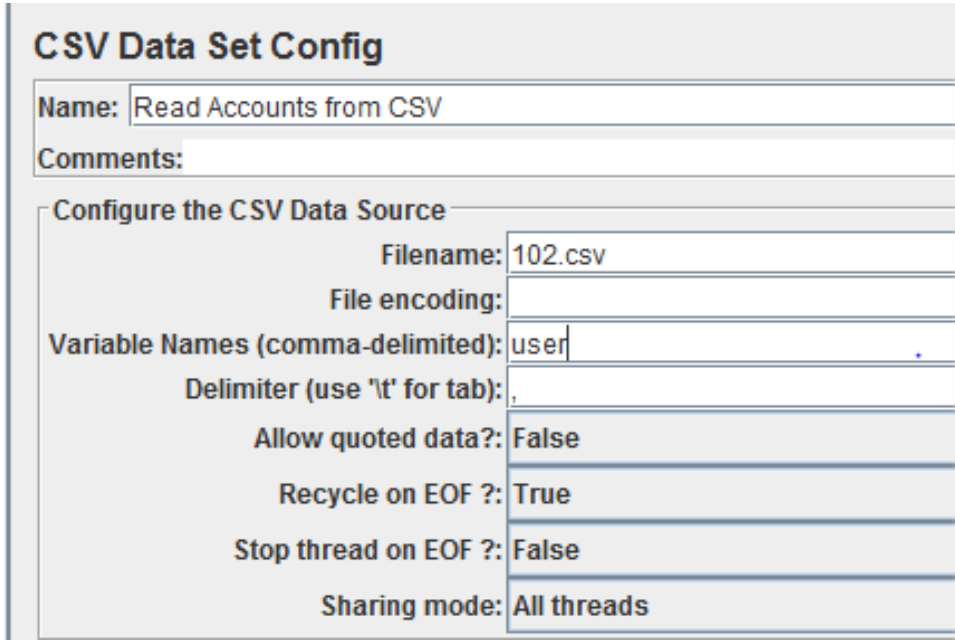
BlazeMeter

Need to Blaze's test configuration

B☘U SOLUTION

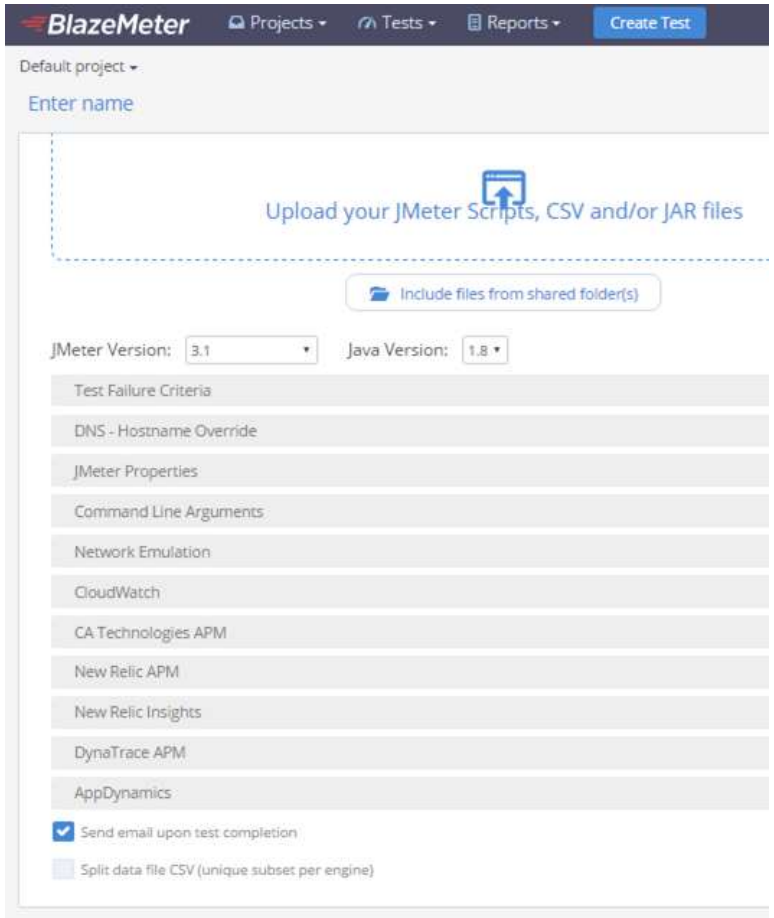
- Following guide of configuration for configuration driver, when launching the WebDriver sampler test in the cloud, two kinds of browser supported such as: FireFox and Chrome.
- Require adding a path to the Chrome Driver in the scripts chrome driver configuration

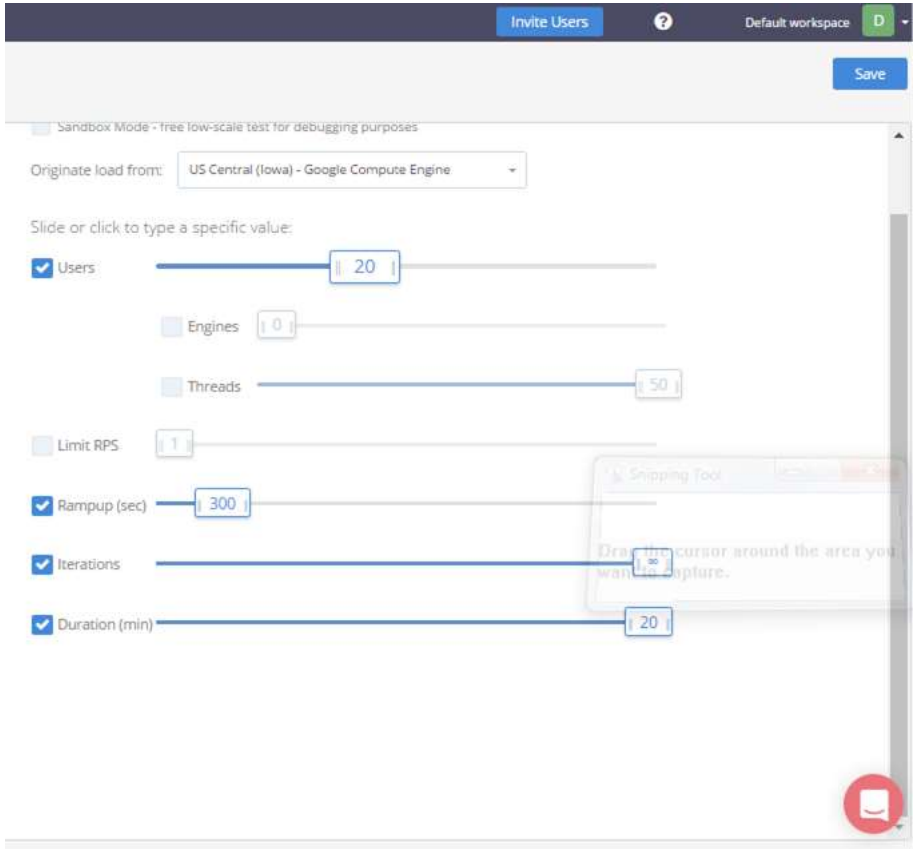
- Must have sampleStart() and sampleEnd() in the sample script
- We can set CSV file Upload and Split data file CSV in guide of Blazemeter



▪ Upload Jmeter script

- Clicking on [Upload your Jmeter Scripts, CSV and/or JAR files after that upload .jmx file and data file.

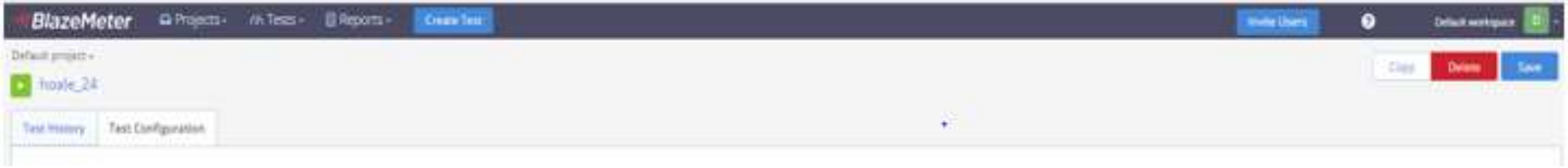




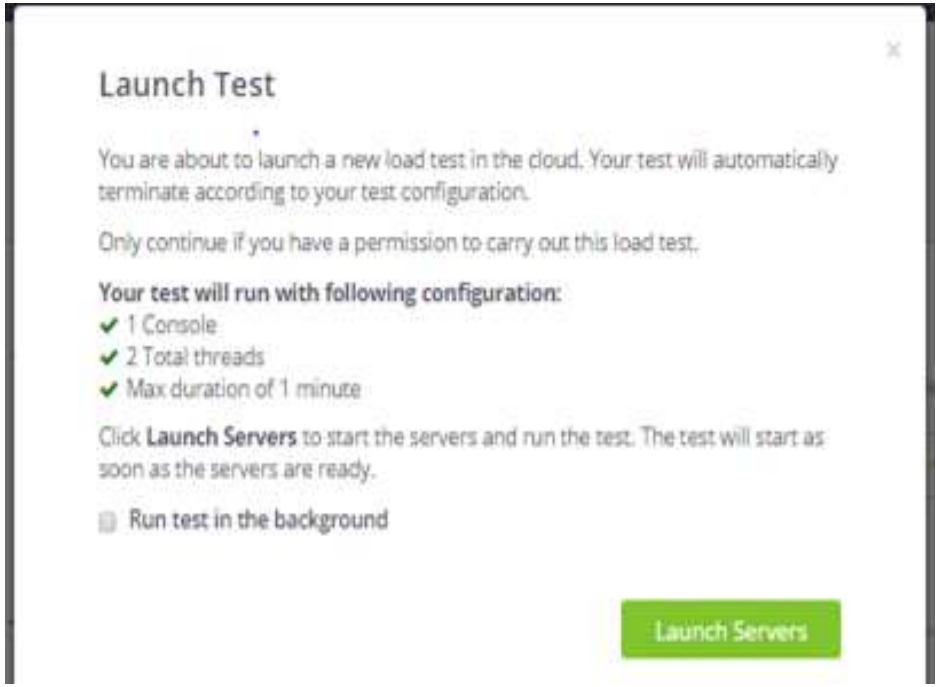
Set your test configuration to:

- Number of threads: 500
- Ramp-up: 2400 seconds
- Iteration: forever
- Duration: 50 minutes
- Use 1 load generator (engine).

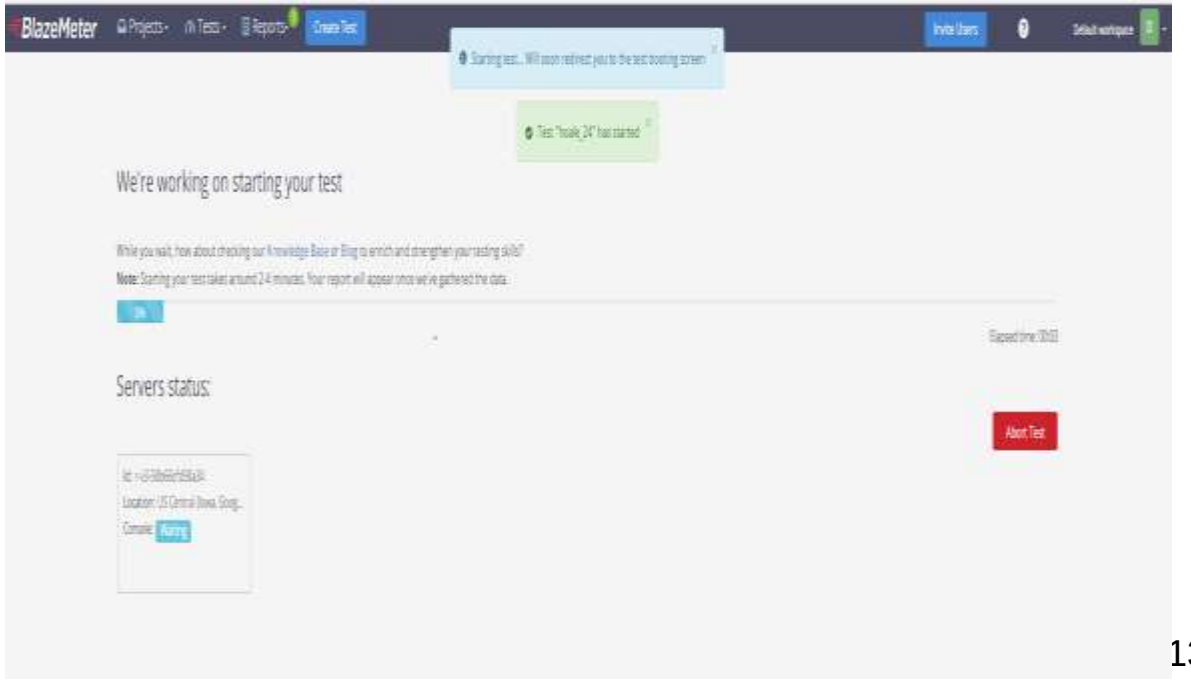
- Clicking on [Start Test] button



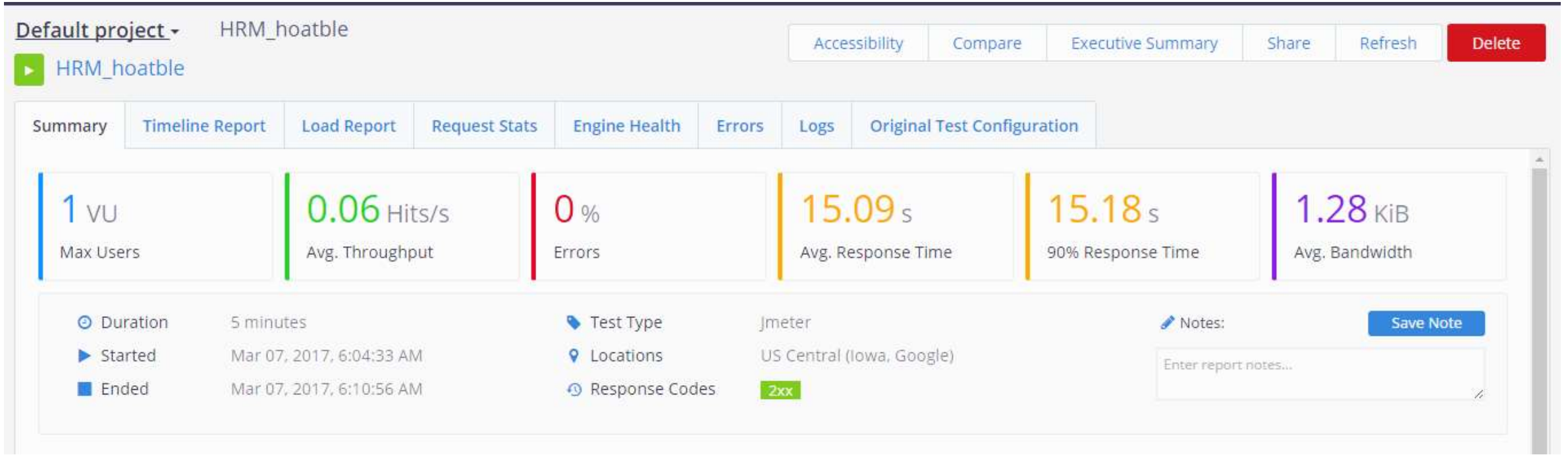
- Clicking on [Launch Servers] button



- Starting test to run the script



Demo and Result



References

JMetter

http://jmeter.apache.org/

BlazeMetter:

https://www.blazemeter.com/