

Performance Testing





WHAT?



*Functional
Testing?*

WHAT the product
does?!

VS

*Non-functional
Testing?*



HOW WELL the
system behaves?!

Non-functional Testing Types



1. Performance
2. Usability
3. Security
4. Portability
5. Internationalization
6. Migration

WHAT is Performance Testing?

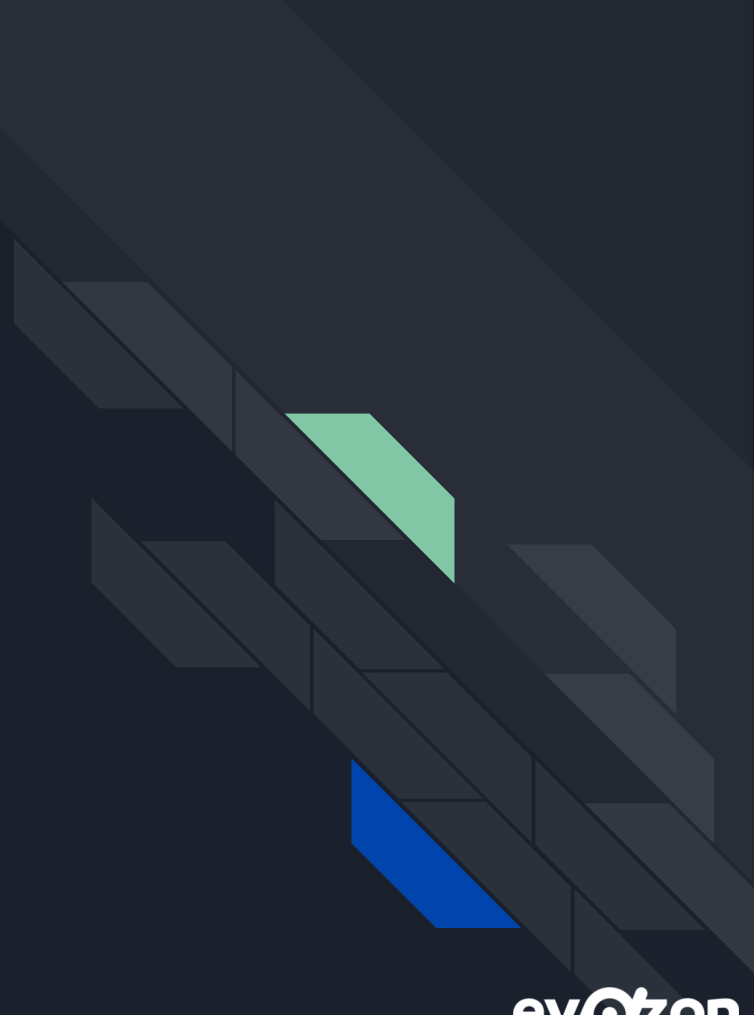
PERFORMANCE TESTING = how fast & stable is the system?

OBJECTIVE IS TO FIND THE **BOTTLENECKS** IN THE SYSTEM



WHY do we need performance testing?







TYPES...

LOAD TESTING

SOAK TESTING

STRESS TESTING

SPIKE TESTING

VOLUME TESTING

**SCALABILITY
TESTING**

TOOLS



POSTMAN



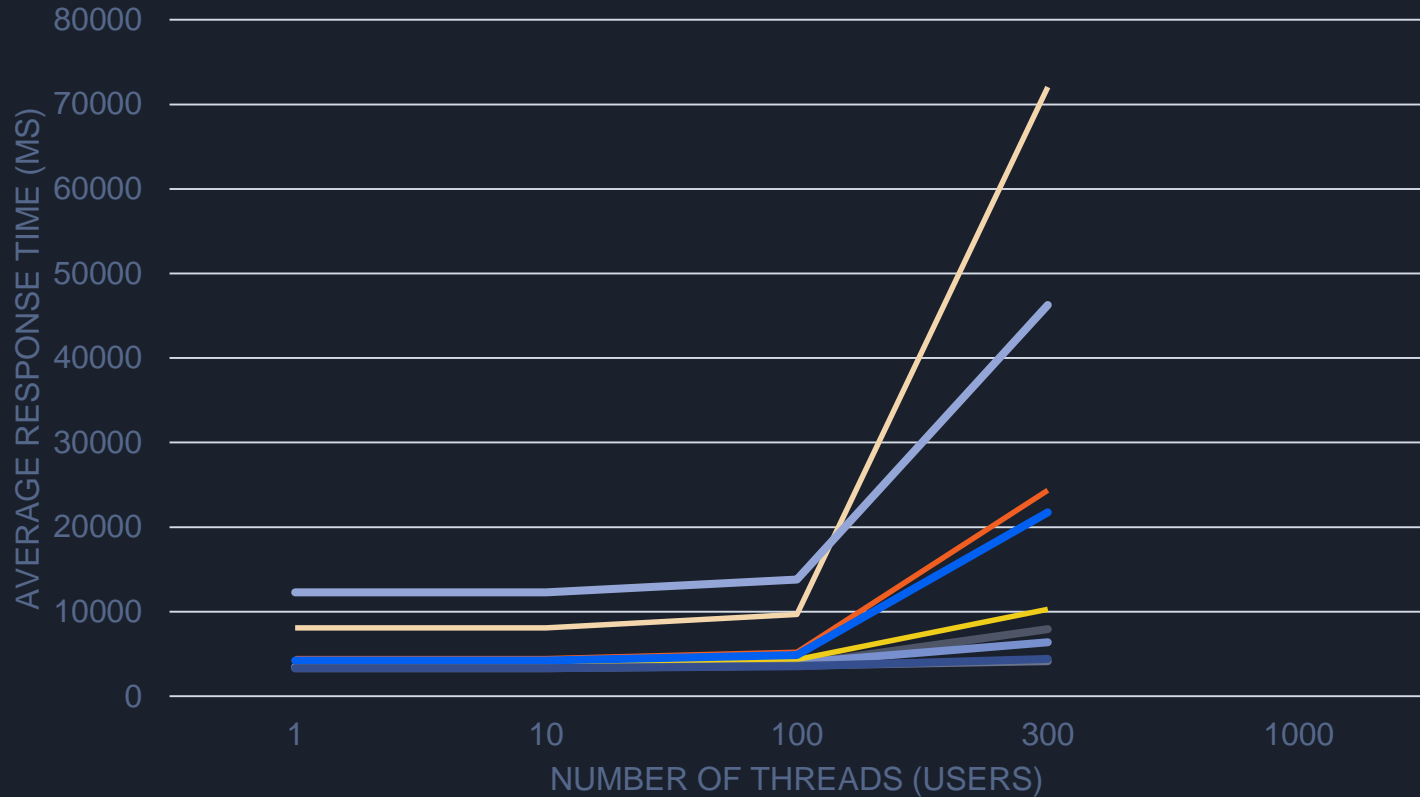
YSlow



DEMO...



Analyse and Report





Prerequisites

Instal Java if not already installed

- [Download Java for Windows](#)

Get Jmeter

- [Download Apache JMeter](#)

Start Jmeter

- Unzip archive and save folder on your machine
- Start Jmeter by going to the “bin” folder inside the unzipped files and run
 - *jmeter.bat*



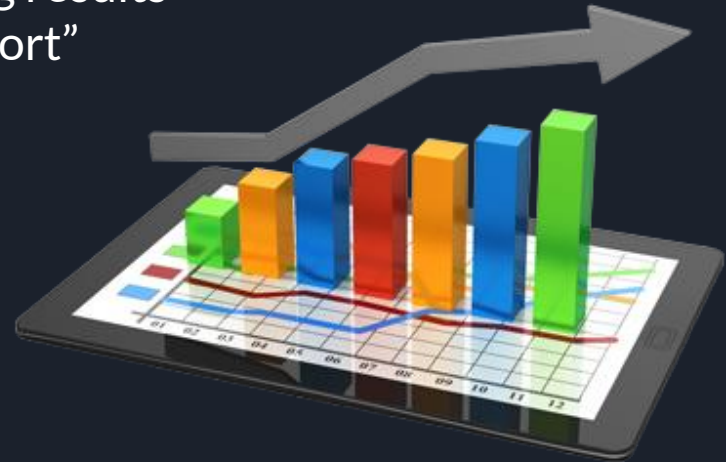
The script

- Access site (homepage)
- Search for phone
- Select Phone
- Add to cart
- View Cart



Running script

jmeter -n -t “name and location of test plan.jmx”
-l “name and location of jtl file to log results”
-e -o “folder where to generate report”





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Java Web

.Net

Javascript

PHP

Testing

Questions

