OWASP ZAP

open source intercepting proxy

27-June-2013
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Acronyms

OWASP: Open **W**eb **A**pplication **S**ecurity **P**roject

https://www.owasp.org

ZAP: Zed **A**ttack **P**roxy

https://www.owasp.org/index.php/OWASP_Zed_Attack_Proxy_Project

Download

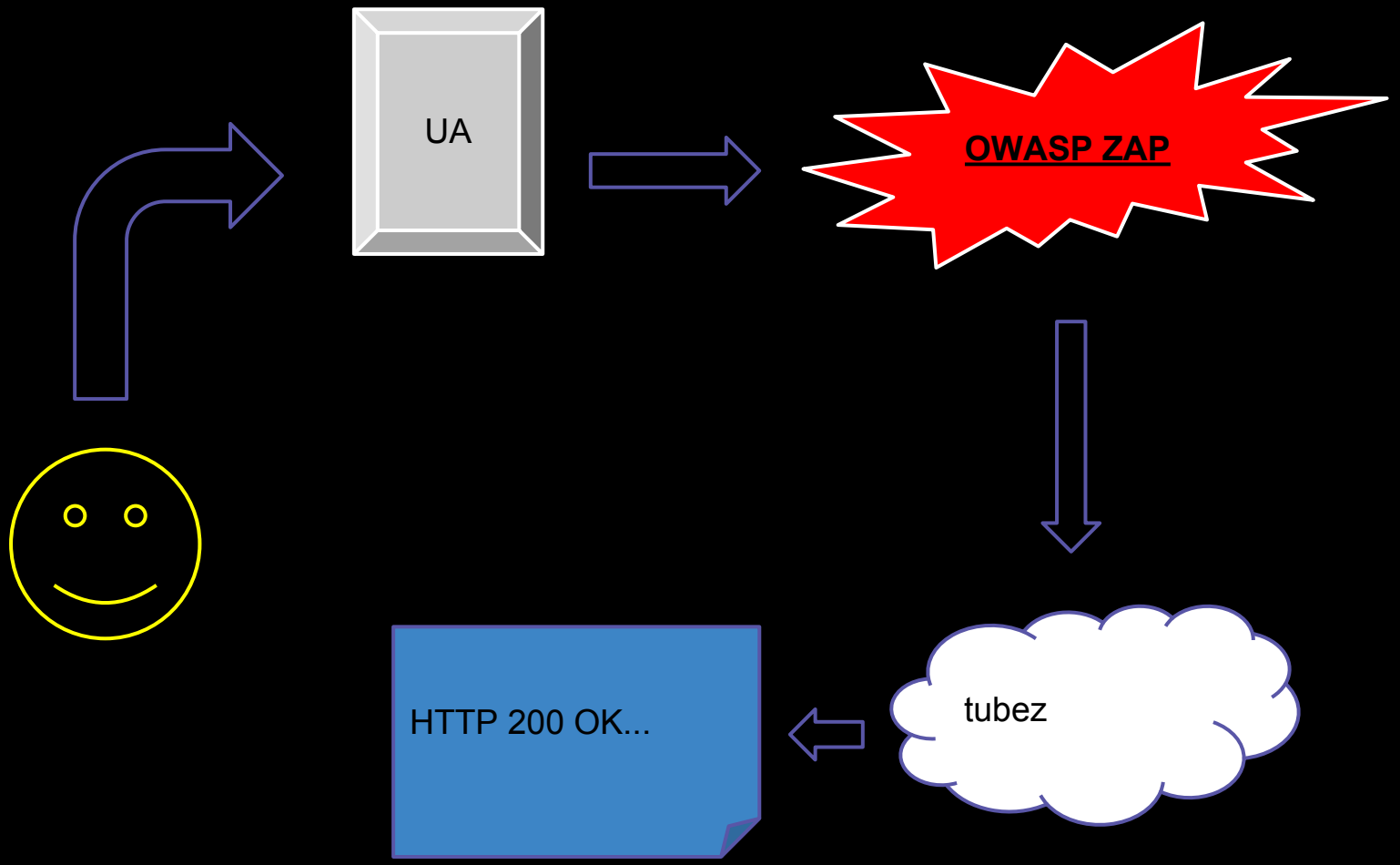
https://www.owasp.org/index.php/OWASP_Zed_Attack_Proxy_Project

Why?

Attackers have tools.

You should, too.

Intercepting proxy



Demo

Fingers crossed

Cucumber and Watir

```
$ vi features/support/env.rb
# look for browser_label and point stuff at ZAP

profile = Selenium::WebDriver::Firefox::Profile.new
profile.proxy = Selenium::WebDriver::Proxy.new :http => 'localhost:8085', :ssl => 'localhost:8085'
Watir::Browser.new browser_label, :profile => profile

# now run your browser test automation script
$ source ~/.rvm/scripts/rvm
$ gem update --system
# if necessary, $ gem install bundler
$ bundle install
$ bundle exec cucumber features/wikilove.feature
```

Be a good citizen

Shrink scan scope

Beware backend connections

Complementary Firefox tools

User Agent Switcher

Modify Headers

Web Developer Toolbar

Live HTTP Headers

FoxyProxy

THE END

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