



**OWASP London**  
29th September 2016



**OWASP**

The Open Web Application Security Project



- **Networking, pizza and beer**
- **Welcome and OWASP Update** - Sam Stepanyan & Sherif Mansour
- **Lightning Talk 1: “Can Your Organisation Survive a Poli-Cyber Breach?”** - Khaled Fattal
- **“The Thermostat, The Hacker, and The Malware”**  
- Ken Munro and Andrew Tierney
- *— — — — — break — — beer — pizza — — — — —*
- **Lightning Talk 2 - “Telling The Time”** - Chris Anley
- **“Using Tests To Attack and Defend Node.js Applications”**  
- Dinis Cruz
- **Networking & Beer in The Inn Of Court**



## Chapter Leaders:

- Sam Stepanyan (@securestep9)
- Sherif Mansour (@kerberosmansour)

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**We are all VOLUNTEERS!**





# Membership



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## Membership

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[\[edit\]](#)



## OWASP MEMBERSHIPS

global strategic group



Software powers the world, but insecure software threatens safety, trust, and economic growth. The Open Web Application Security Project (OWASP) is dedicated to making application security visible by empowering individuals and organizations to make informed decisions about true application security risks.

OWASP boasts 46,000+ participants, more than 65 organizational supporters, and even more academic supporters.

As a 501(c)(3) not-for-profit worldwide charitable organization, OWASP does not endorse or recommend commercial products or services. Instead, we allow our community to remain vendor neutral with the collective wisdom of the best individual minds in application security worldwide. This simple rule is the key to our success since 2001.

Your individual and corporate membership powers the organization and helps us [serve the mission](#). Please consider becoming an OWASP member today!



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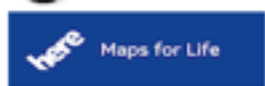


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Oct 11-14, 2016 in Washington DC, USA

OWASP's 13th Annual AppSecUSA Security Conference is the premier application security conference for developers and security experts. Come hear an amazing group of inspirational speakers—including YouTube's Favorite Hacker, Former DHS NCSA Director of Software Assurance, and Assistant Professor & Cryptographer—who are challenging traditions. You'll be inspired by fresh ideas, start rethinking the status quo, and leave ready to tackle your challenges in innovative ways.

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## WELCOME TO BLACK HAT EUROPE 2016

Black Hat is returning to Europe again in 2016, and we have quite an event in store. Here the brightest professionals and researchers in the industry will come together for a total of four days--two days of deeply technical hands-on Trainings, followed by two days of the latest research and vulnerability disclosures at our Briefings.





## OWASP Juice Shop Project

Main

Acknowledgements

Road Map and Getting Involved

[ed



### OWASP Juice Shop Tool Project [\[edit\]](#)

*/ The most trustworthy online shop out there. (dschadow [↗](#))*

OWASP Juice Shop is an intentionally insecure webapp for security trainings written entirely in Javascript which encompasses the entire [OWASP Top Ten](#) and other severe security flaws.

### Description [\[edit\]](#)



Juice Shop is written in Node.js, Express and AngularJS. It was the first application written entirely in JavaScript listed in the [OWASP VWA Directory](#).

The application contains more than 30 challenges of varying difficulty where the user is supposed to exploit the underlying vulnerabilities. The hacking progress is tracked on a score board. Finding this score board is actually one of the (easy) challenges!

[Donate](#)

### Installation [\[edit\]](#)

[Packaged Distributions](#) [↗](#)

[Docker Image](#) [↗](#)

[Online Demo \(Heroku\)](#) [↗](#)

### Source Code [\[edit\]](#)

[GitHub Project](#) [↗](#)

[Revision History](#) [↗](#)

[Crowdin I18N](#) [↗](#)





## OWASP

The Open Web Application Security Project

### Category:OWASP CSRFGuard Project

[Main](#)[Licensing](#)[Presentation & Manual](#)[Project Leader](#)[Source Code Download](#)[News and Events](#)[FAQs](#)[Acknowledgements](#)[Road Map and Getting Involved](#)[Contact US](#)

# FLAGSHIP

mature projects

## OWASP CSRFGuard [\[edit\]](#)

Welcome to the home of the OWASP CSRFGuard Project! OWASP CSRFGuard is a library that implements a variant of the [synchronizer token pattern](#) to mitigate the risk of [Cross-Site Request Forgery \(CSRF\)](#) attacks.

## Introduction [\[edit\]](#)

The OWASP CSRFGuard library is integrated through the use of a JavaEE Filter and exposes various automated and manual ways to integrate per-session or pseudo-per-request tokens into HTML.

## Description [\[edit\]](#)

### Overview [\[edit\]](#)

OWASP CSRFGuard implements a variant of the synchronizer token pattern to mitigate the risk of CSRF

## In Print [\[edit\]](#)

This project can be purchased as a print on demand book from [Lulu.com](#)

## Classifications [\[edit\]](#)

[Builders](#)[Defenders](#)



## OWASP DeepViolet TLS/SSL Scanner

[Main](#)[Roadmap](#)[Project About](#)[\[edit\]](#)

# OWASP

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### OWASP DeepViolet TLS/SSL API Project and Tools [\[edit\]](#)

DeepViolet is a TLS/SSL scanning API written in Java. To keep DeepViolet easy to use, identify bugs, reference implementations have been developed that consume the API. If you want to see what DeepViolet can do, use it from the command line in your scripts or use the graphical tool from the comfort of your desktop. Both tools can be used to scan HTTPS web servers to check server certificate trust chains, revocation status, check certificates for pending expiration, weak signing algorithms and much more.

### How is DeepViolet Helpful? [\[edit\]](#)

Already great tools exist today for TLS/SSL scanning like, [Qualys Labs](#), [Mozilla Observatory](#), [OpenSSL](#). Why do I care about DeepViolet? A valid question and one I asked myself. Originally

### Quick Start [\[edit\]](#)

See project [GitHub home page](#)

### Project Resources

[\[edit\]](#)

[Code](#) | [Binaries](#) | [API JavaDocs](#)

[Issue Tracker](#)

[Road Map\(Beta 5\)](#)

[DeepViolet Dev Group](#), ask questions

### Project Leader(s)

[\[edit\]](#)

Milton Smith

[email](#) [twitter](#) [blog](#)

### Related Projects [\[edit\]](#)

[OWASP Zed Attack Proxy Project](#)

[OWASP Security Logging Project](#)

### News and Events

[\[edit\]](#)

• [17 Mar 2016] Beta4

## OWASP ZSC Tool Project

[Main](#)[FAQs](#)[Requirement / Installation](#)[Road Map and Getting Involved](#)[Minimum Viable Product](#)[Developers](#)[Project About](#)

# OWASP

Open Web Application  
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### OWASP ZSC Tool Project [\[edit\]](#)

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What is OWASP ZSC ? [\[edit\]](#)



OWASP ZSC is an open source software in python language which lets you generate customized shellcodes and convert scripts to an obfuscated script. This software can be run on Windows/Linux/OSX

### Project Leaders [\[edit\]](#)

- [Ali Razmjoo](#) [🔗](#)
- [Johanna Curiel](#) [🔗](#)

### Contributors & Main Developers [\[edit\]](#)

- [Pratik Patel](#) [🔗](#) (Google Summer of Code student 2016)
- [Akash Trehan](#) [🔗](#) (CodeMaxx)
- [Paras Chetal](#) [🔗](#) (Gsoc candidate 2016)

### Quick Download [\[edit\]](#)

[Github Page.](#) [🔗](#)

[Download Page.](#) [🔗](#)

- [.zip file.](#) [🔗](#)
- [.tgz file.](#) [🔗](#)

### News and Events

[\[edit\]](#)

- OWASP ZSC has been selected for Defcon Demo Lab 2016
- OWASP ZSC applied and was selected to participate in the Google Summer of

## OWASP Zed Attack Proxy Project

- Main
- Screenshots
- Talks
- News
- ZAP Gear
- Supporters
- Functionality
- Features
- Languages
- Roadmap
- Get Involved

# FLAGSHIP mature projects

[Review this project.](#)

The OWASP Zed Attack Proxy (ZAP) is one of the world's most popular free security tools and is actively maintained by hundreds of international volunteers\*. It can help you automatically find security vulnerabilities in your web applications while you are developing and testing your applications. Its also a great tool for experienced pentesters to use for manual security testing.



[Download ZAP](#)

Please help us to make ZAP even better for you by answering the [ZAP User Questionnaire](#)!

For a quick overview of ZAP and an introduction to version 2.4.0 see these tutorial

[Quick Download](#) [edit]

[Download OWASP ZAP!](#)

[News and Events](#) [edit]

Please see the [News](#) and [Talks](#) tabs

[Change Log](#) [edit]

- [zapproxy](#)
- [zap-extensions](#)

[Code Repo](#) [edit]

- [zapproxy](#)
- [zap-extensions](#)



# Chapter Activity



**OWASP**

The Open Web Application Security Project

- Sherif Mansour - Automating ZAP Security Tests

zaproxy / community-scripts

Watch 27

Star 129

Fork 40

Code

Issues 0

Pull requests 6

Projects 0

Wiki

Pulse

Graphs

Branch: master

community-scripts / api / sdlic-integration /

Create new file

Find file

History

Dalimil Add detailed README.md

Latest commit 7bb3885 26 days ago

..

core	Add detailed README.md	26 days ago
demos	Add detailed README.md	26 days ago
README.md	Add detailed README.md	26 days ago
requirements.txt	Add detailed README.md	26 days ago
run_scan.py	Add detailed README.md	26 days ago
run_session_setup.py	Add detailed README.md	26 days ago

README.md

## ZAP Automated Security Test

This page demonstrates a project which shows how a dev team can run ZAP headless to run automated security tests and send the results to a bug-tracker (currently only JIRA).





**OWASP**

The Open Web Application Security Project

- Khaled Fattal
- Ken Munro & Andrew Tierney
- Chris Anley
- Dinis Cruz



## Speakers:

- Ken Munro & Andrew Tierney
- Khaled Fattal
- Chris Anley
- Dinis Cruz

## Hosts for this event

- Skype (Microsoft)



- Christian Martorella
  
- Attendees (you!)



## Call For Speakers For Future Events

Do you have a great Web Application Security Related Talk?

3 Tracks:

- Breakers
- Defenders
- Builders

Submit the abstract of your talk and your bio to:

**`owasplondon @ owasp .org`**



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OWASP London  
Save The Dates of Future  
meetings:

24th November 2016

26th January 2017



# Hackathon Space Needed



**KEEP  
CALM  
AND  
HACK**





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# Drinks and Networking “The Inn Of Court Pub”

18 Holborn  
(across the road)

