HACK-ME

A new way to learn web application security

Hosted by OWASP & the NYC Chapter

- Armando Romeo
  - Web Application Security enthusiast
- Founder of **eLearnSecurity**
  - Penetration Testing Training
  - Web App Security Training
  - Sophisticated Virtual Labs
  - Proud OWASP Corporate member
- Proud ~~father~~ and ~~husband~~
  - I'm not on Facebook…

- What is HACK.ME
- Who it is for
- Demo
- How it works
- Demo
- Questions

About the Project

OWASP
The Open Web Application Security Project

HACK-ME

- Powered by eLearnSecurity Forging security professionals
- 30 months of work
- Beta Released in 2012
- Final release...today!
- Completely FREE for all : https://hack.me

eLearnSecurity Forging security professionals

What is Hack.me

OWASP
The Open Web Application Security Project

HACK-ME

«The App Store for vulnerable web applications»

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What is Hack.me

OWASP
The Open Web Application Security Project

HACK-ME

A free for all platform to

BUILD

SHARE

RUN

Vulnerable Web Applications

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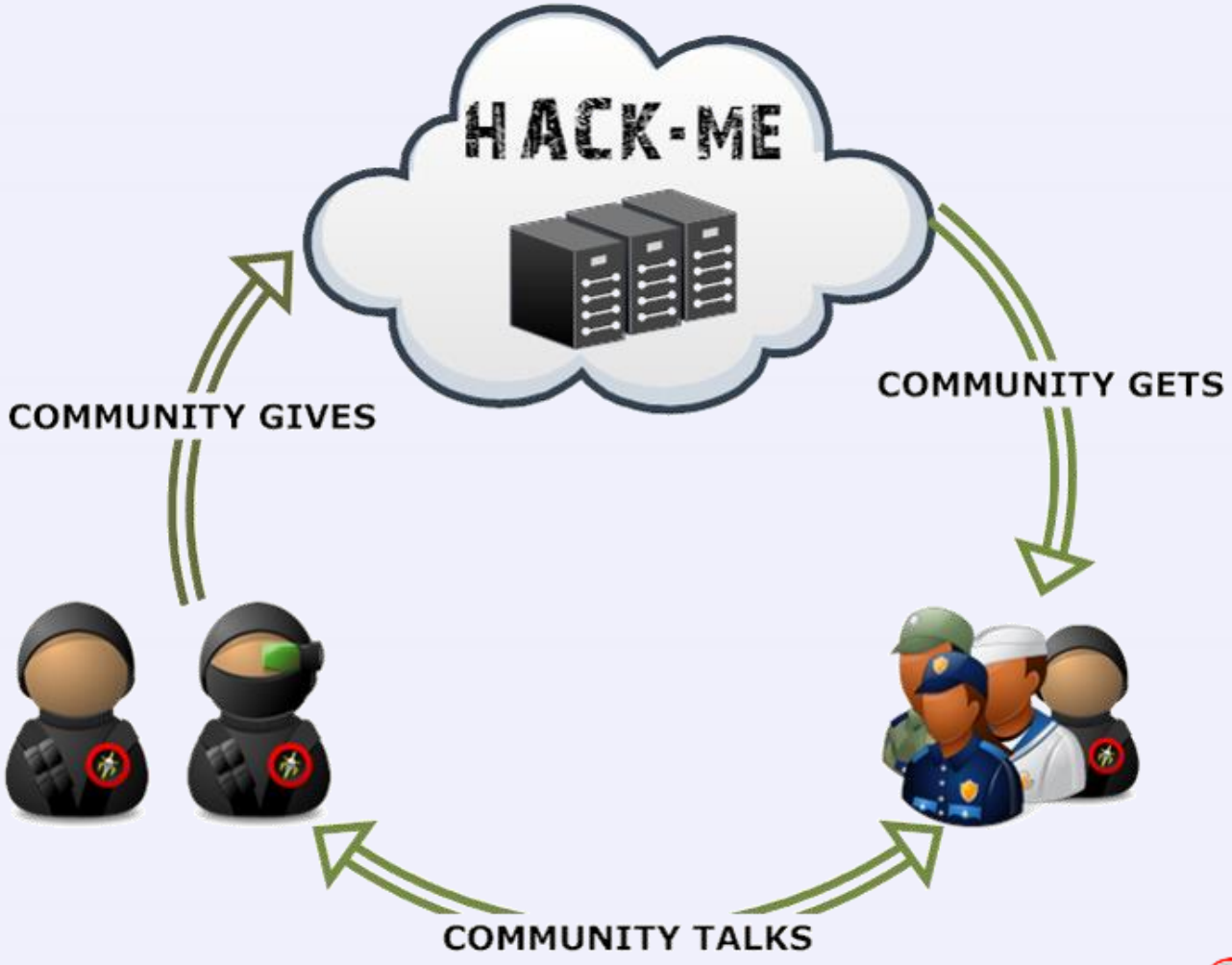
What is Hack.me

OWASP
The Open Web Application Security Project



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What Hack.me is not

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HACK-ME

is not

- Just a virtual lab
- A software to download
- A live distro to play with
- A hacking platform

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Who it is for

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HACK-ME

- Learners
  - Practice web app security in a safe environment
- Web App Security researchers
  - Access a number of COTS/CMS ready to use
  - Test Vulnerability assessment tools on the fly
- Penetration testers
  - Test attacks in a safe environment

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HACK-ME

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DEMO : (Ab)Using Hack.me

(May the live demo gods be with me)

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- How we achieve sandboxing
  - Create new OS users
  - Create new Web server users and worker processes
  - Create new Database instances
    - With their own users and data folder
  - Spawn a new subdomain

Sandboxes

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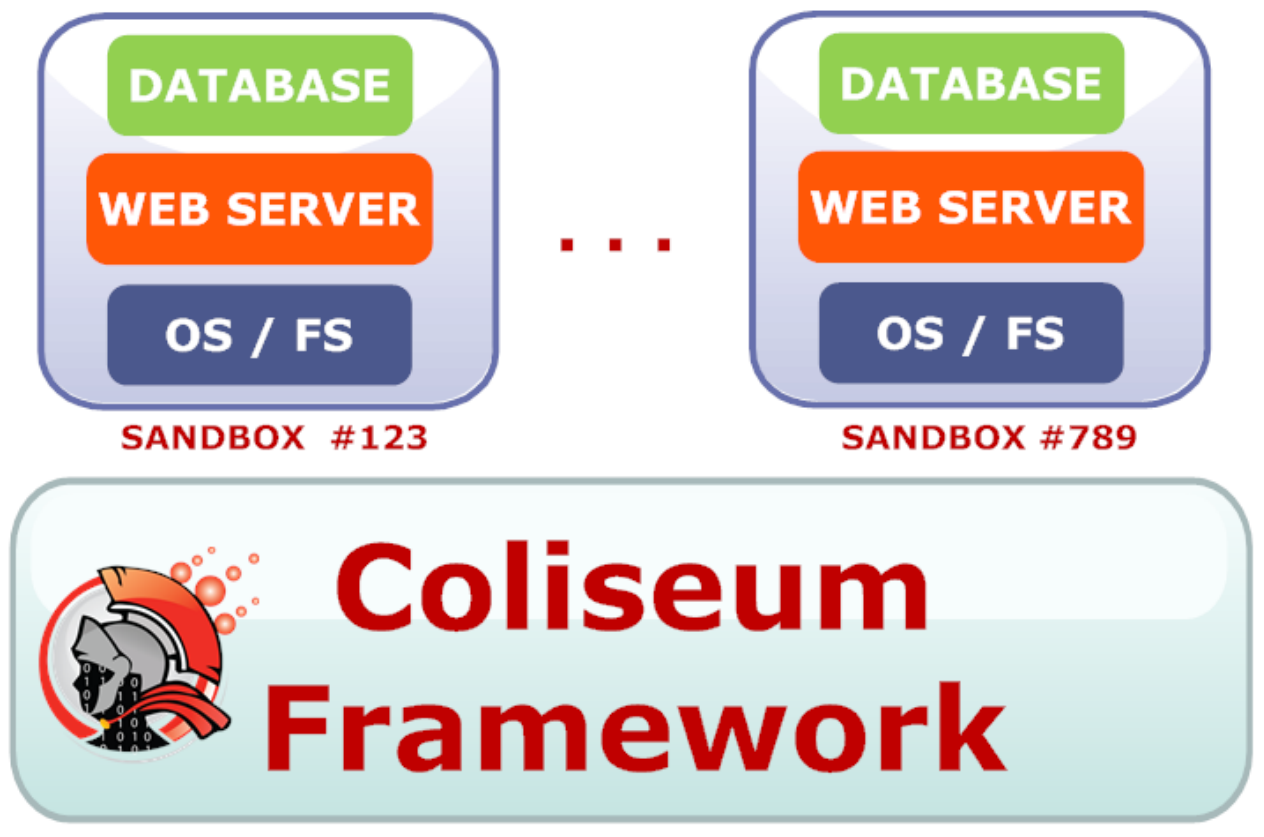
HACK-ME



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- It's Multiplatform
- We *can* support different
  - Web programming languages
  - Databases
  - Web servers
  - OS's

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- Currently supported
  - PHP 5
  - Mysql 5
  - IIS 7.5

IIS7
internet information services

MySQL®

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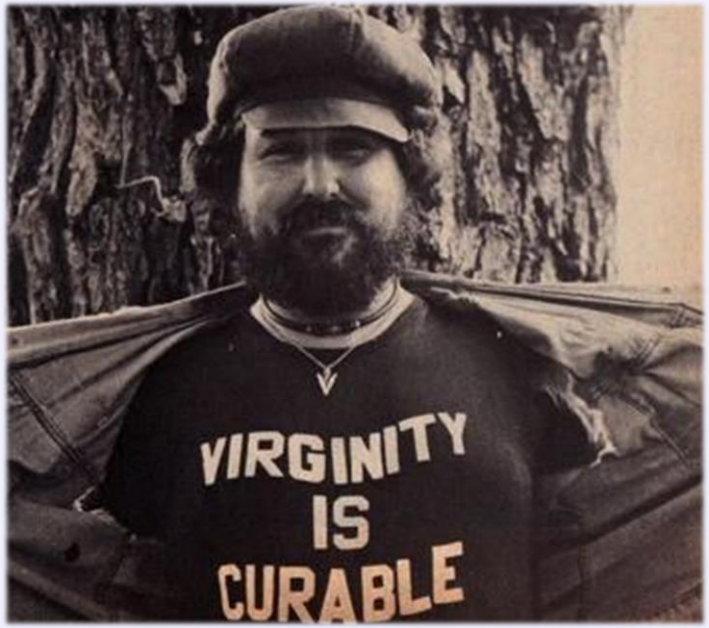
DEMO

Your first Hackme



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Future developments

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HACK-ME

- Extending the platform for more:
  - Languages
  - Databases
  - Web servers
- Enhancing the Hackme creation experience
  - Making it even easier
  - Adding more functionalities for better imports

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The project

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HACK-ME

- Join us!
  - As a developer
  - As a sponsor / partner
  - As a Hackme creator!
- You'll get:
  - Fame
    (which means *hunger* in italian btw)
  - Lost in sandboxes

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The project

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HACK-ME

- My applause to the Hack.me team
  - Giuseppe Trotta (Hack.me)
  - Domenico Quaranta (Coliseum framework)

team@hack.me

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THE TIME IS GONE

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THE SONG IS OVER

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THOUGHT I'D SOMETHING MORE TO SAY...

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THANK YOU

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