Common Threats

IT'S TIME TO TAKE WEB SECURITY SERIOUSLY

WordPress | GREEK COMMUNITY

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YESSSSS I'VE JUST DISCOVERED WordPress

- MAKES MY LIFE EASIER
- SO BIG COMMUNITY TO COUNT ON
- I CAN FIND A PLUGIN AND JOB DONE JUST LIKE THAT!
- SO MANY FREE & PREMIUM THEMES, I LOVE THEM!
- GOOGLE IS MY FRIEND I CAN I CAN SEARCH AND FIND AND DOWNLOAD ANYTHING!

YESSSSS I'VE JUST DISCOVERED WordPress

By the time that i wrote this slider:

- WordPress 4.4 has been downloaded 39,805,147 times..... { https://wordpress.org/download/counter/ }
- WordPress currently runs more than 74,6 million websites... {CNN, TechCrunch, Forbes}
- Almost 30,000 people make money using WordPress every day.
- More than 20,000 WordPress plugins are available
- Estimated Number of WordPress Plugins Downloads? 300,000,000 times!!

Ohh we got a problem....

10111000101010100101001010101010100100101010101

Το WordPress λόγω της απλότητας της χρήσης του, άλλα και την τεράστια δημοτικότητα που έχει αποκτήσει, αποτελεί αυτή τη στιγμή έναν απο τους μεγαλύτερους στόχους για την διάδοση των πιο κύριων μορφών εξαπάτησης και κυβερνοεγλημάτων

Το κύριο Πρόβλημα

Το ανησυχητικό κομμάτι της υπόθεσης είναι, ότι οι κακόβουλοι χρήστες εκμεταλλεύονται κυρίως την ανθρώπινη άγνοια.
#StayUpdated

The Perfect Security Password COMBO

UsrNm/Admin Passwd/Admin

WordPress CORE....

The WordPress core has three different types of updates:

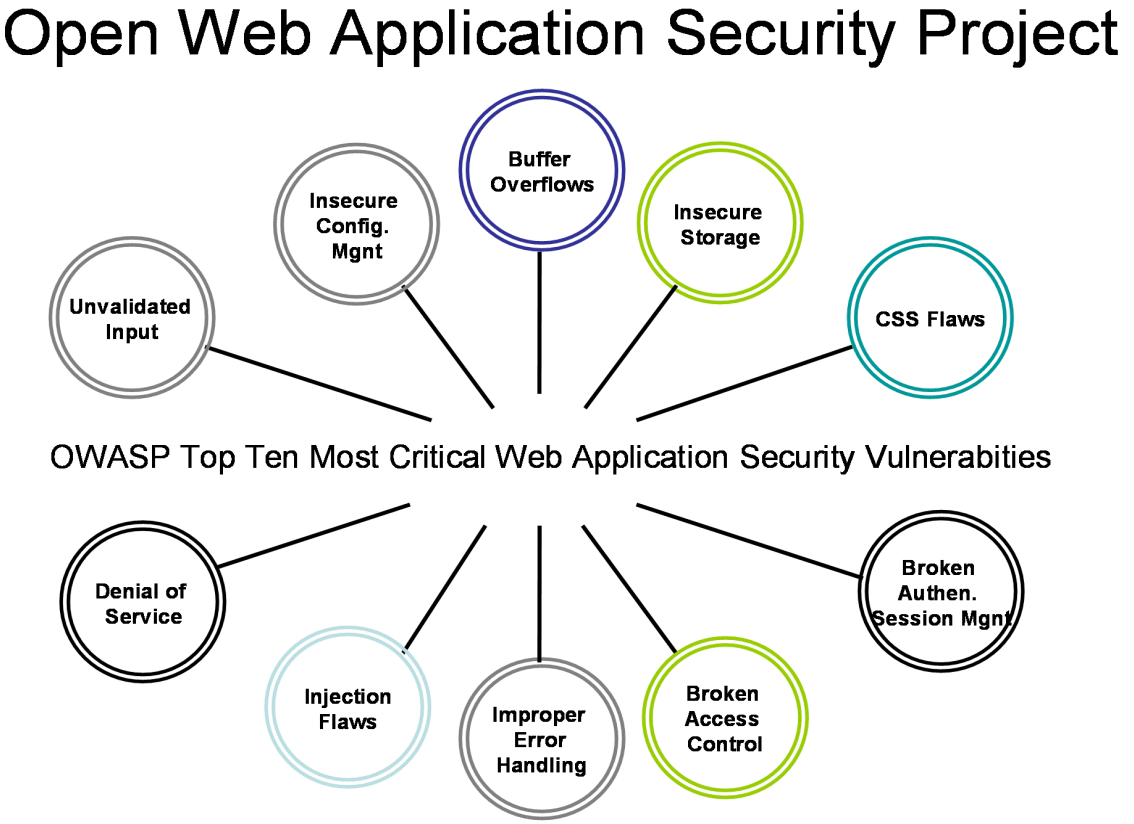
-Core development updates, known as the "bleeding edge"

-Minor core updates, such as maintenance and security releases

-Major core release updates

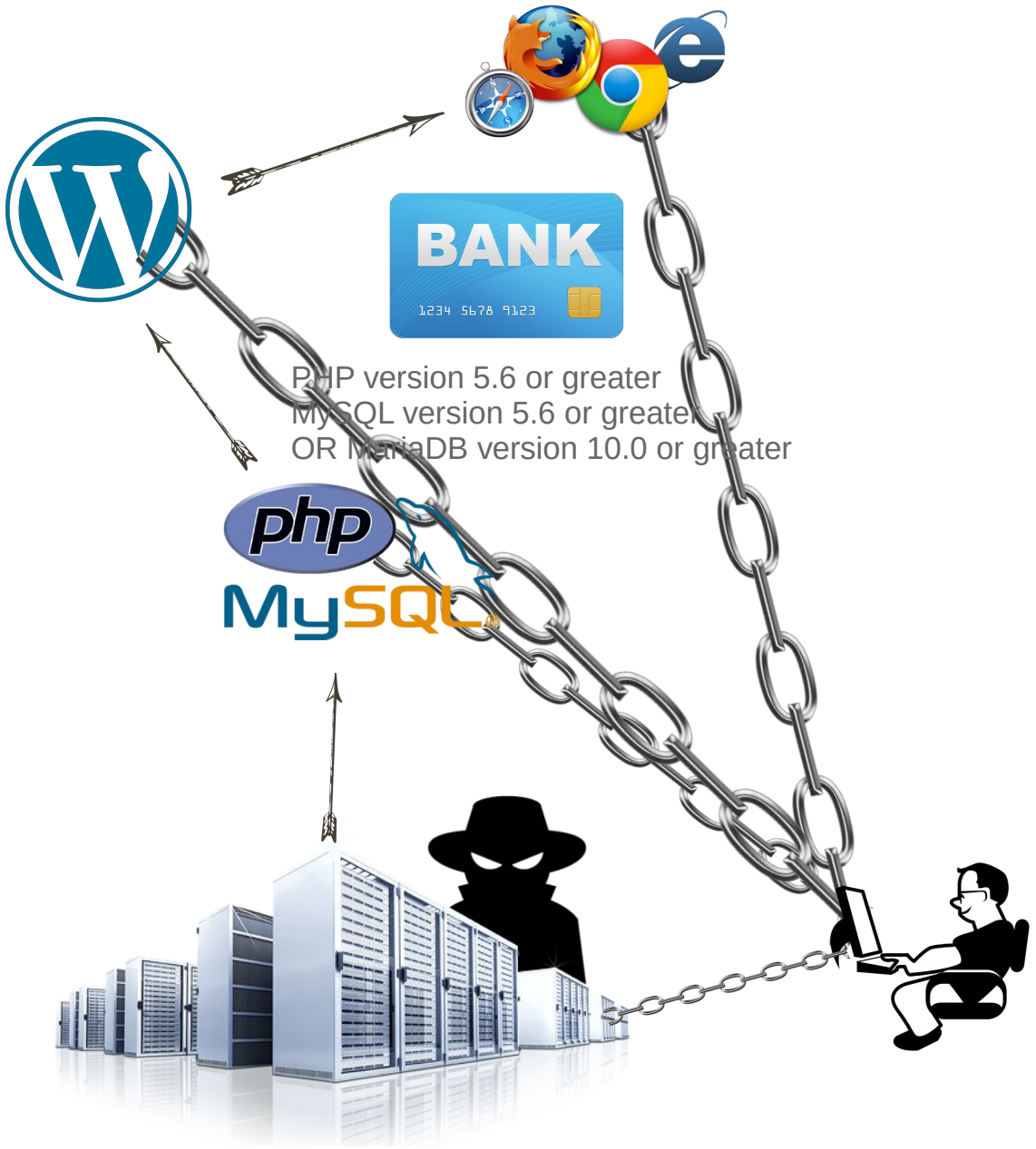
-OWASP Top 10 Vulnerabilities ====>

The **Open Web Application Security Project** (OWASP) is a 501(c)(3) **worldwide not-for-profit charitable organization focused on improving the security of software**. Our mission is to make software security visible, so that individuals and organizations worldwide can make informed decisions about true software security risks.



https://www.owasp.org

WordPress Engine



WordPress Security?
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Introducing VIRUS

“A virus is a program that reproduces its own code by attaching itself to other executable files in such a way that the virus code is executed when the infected executable file is executed.”

“Ένας ιός είναι ένα πρόγραμμα που αναπαράγει τον κώδικά του με την ένωση του με άλλα εκτελέσιμα αρχεία με τέτοιο τρόπο ώστε ο κώδικας του ιού να εκτελείται όταν εκτελείται το μολυσμένο εκτελέσιμο αρχείο.”

There are a large number of virus types for all Machines.

Sasser

Bagle

Zafy

MyDoom

And Many Many More...

Let's take a big breath and let's go
To see the path of a virus

Follow me https://cybermap.kaspersky.com/

OOOHHHH Torrents

Are Also my Friends
Heheheh....

IF YOU DONT WANT TO PAY
30 $
#DO_NOT DOWNLOAD
CRACKED THEMES
(AND PLUGINS)
THERE ARE THOUSANDS
FREE OF THEM OUT THERE...

https://wordpress.org/themes/

29%

Of Hacked WordPress Websites
Getting Hacked by **Cracked Themes**
22% Hacked WordPress Websites
by **unupdated or cracked Plugins**

More than 70% of WordPress installations are vulnerable to hacker attacks

System Security

root @me:~$ Top Priority

#Find an experienced Hosting Provider With Know-How

#Get Serious, Server is your website's home

30.000 hacked websites per day

One website hacked every 5 minutes

41%

Of Hacked WordPress Websites
Getting Hacked by **UNUPDATED SERVER & UNPATCHED SERVER VULNERABILITIES THAT HOSTING PROVIDERS DOESN'T EVEN EVER KNEW THAT EXISTS...**

System Security

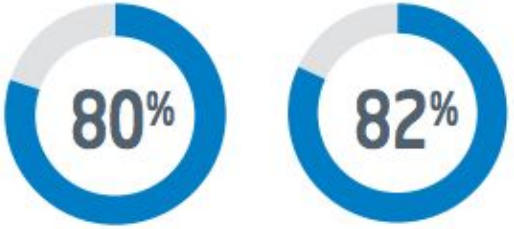
9.000.000 websites that are currently hacked or infected.

Mobile Revolution

APPS COLLECT YOUR INFORMATION

MOST APPS COLLECT DETAILED INFORMATION ABOUT WHERE YOU GO AND WHAT YOU DO WITH YOUR DEVICE

82%	64%	59%	55%	26%	26%
READ YOUR DEVICE ID	KNOW YOUR WIRELESS CARRIER	TRACK LAST KNOWN LOCATION	CONTINUOUSLY TRACK LOCATION	READ THE APPS YOU USE	KNOW YOUR SIM CARD NUMBER



36% KNOW YOUR ACCOUNT INFORMATION

http://blogs.mcafee.com

What Do i Have To Do..

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-Get an experienced Hosting Provider
-Use Hypertext Transfer Protocol Secure (Https) https://el.wikipedia.org/wiki/HTTPS
-Multi-Factor and Two-Factor Authentication. https://el.wordpress.org/plugins/tags/two-factor-authentication
-Backup your Website Every Day. https://el.wordpress.org/plugins/tags/backup
-Update WordPress https://codex.wordpress.org/Updating_WordPress
-Update All Plugins https://codex.wordpress.org/Managing_Plugins
-Backup your Website Every Day.
-Use a Complex Password
-Download Themes & Plugins only From WordPress Repository.
-Use Trusted Security Plugins, check their code.
-Protect WordPress and WordPress files by Using .htaccess https://codex.wordpress.org/htaccess_for_subdirectories
-Change Admin username to something else
-Change your Database table_prefix (To avoid expertized SQL Injections)
-Use a WordPress Based FireWall https://wordpress.org/plugins/wp-simple-firewall/
-The are many ways to Monitor your WordPress Website.
-Keep your Systems & Your Networks Updated (Pc-Rooter)
-Use a strong Antivirus in your System.
-Check any file with Antivirus before upload it to your Website
-Connect only from Secure Wireless Networks
-UPDATE – UPDATE – UPDATE – UPDATE EVERYTHINK!!!!!!!!!!

Live Attacks

http://map.norsecorp.com/
http://www.digitalattackmap.com/
http://threatmap.fortiguard.com/
http://www.trendmicro.com/us/security-intelligence/current-threat-activity/global-botnet-map/index.html
https://www.checkpoint.com/ThreatPortal/livemap.html
http://home.mcafee.com/virusinfo/global-virus-map
http://worldmap3.f-secure.com/
http://map.honeynet.org/
https://labs.opendns.com/global-network/
http://ocularwarfare.com/ipew/?allfx=1 (Arbor Networks)
https://labs.opendns.com/security-graph/
https://www.alienvault.com/open-threat-exchange/dashboard#/threats/top (ALLiEN Vault)
http://dds.ec/pewpew/
(https://github.com/hrbrmstr/pewpew)
http://www.securitywizardry.com/radar.htm
http://globalsecuritymap.com/

And many more...

WordPress Security Intro

Questions

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