Intro to OWASP WTE

WTE == WEB TESTING ENVIRONMENT
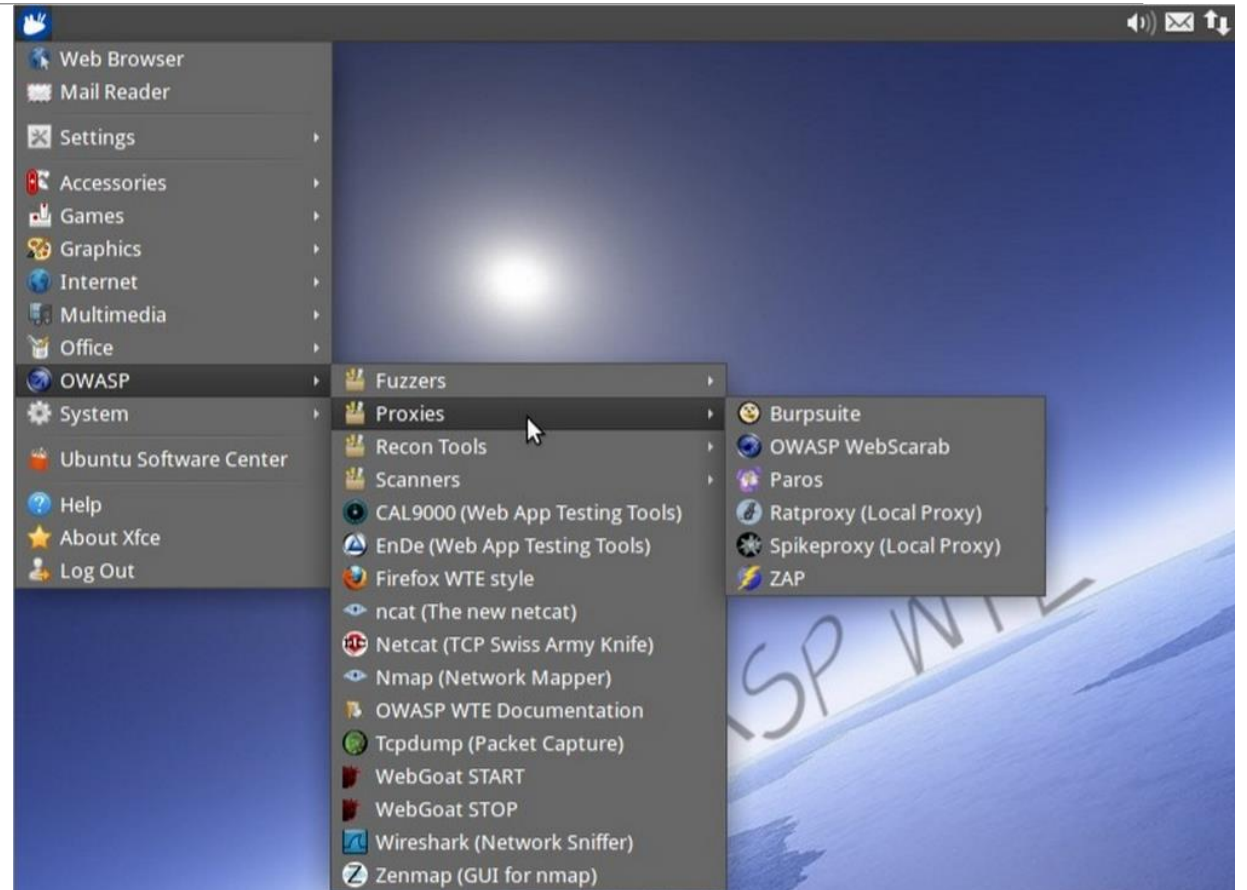
OWASP WTE

A collection of
◦ application security tools and
◦ documentation

Available in multiple formats such as
◦ VMs,
◦ Linux distribution packages,
◦ Cloud-based installations and
◦ ISO images.

OWASP WTE

An enhancement of the original OWASP Live CD Project (retired).

Its primary goal is to: Make application security tools and documentation easily available and easy to use.

Lots of tools

Synaptic package manager screen shot.

Package	Installed Version	Latest Version	Description
owasp-wte-burpsuite		1.5	Burp Suite is an integrated platform for attacking web
owasp-wte-cal9000		2.0	CAL9000 is a collection of web application security testing tools
owasp-wte-dirbuster		1.0rc1	DirBuster is a multi threaded java application designed to brute force directories and files names
owasp-wte-doc		2.1	This package includes OWASP and other documentation.
owasp-wte-ende		1.0rc11	EnDe - Encoder, Decoder, Converter, Calculator, TU WAS DU WILLST ..
owasp-wte-fierce		1.0.3	Fierce is not an IP scanner
owasp-wte-firefox		21.0	The WTE version of Firefox comes packed with App Sec addons.
owasp-wte-fuzzdb		2012-10-13-svn	fuzzdb aggregates known attack patterns, predictable resource
owasp-wte-grendel-scan		1.0	Grendel-Scan is an open-source web application security testing tool. It has automated testing n
owasp-wte-gruyere		1.0	a small, cheesy web application that allows its users to publish
owasp-wte-httprint		301	httprint is a web server fingerprinting tool.
owasp-wte-jbrofuzz		2.5	JBroFuzz is a web application fuzzer for requests being made over HTTP or HTTPS.
owasp-wte-netcat		1.10	Netcat is a featured networking utility.
owasp-wte-nikto		2.1.5	Nikto is an Open Source web server scanner
owasp-wte-nmap		5.21	Nmap is a free and open source utility for network exploration or security auditing.
owasp-wte-paros		3.2.13	Paros proxy intercepts and modifies all HTTP and HTTPS data between server and client.
owasp-wte-ratproxy		1.58	A semi-automated, largely passive web application security audit tool
owasp-wte-skipfish		2.02b-wte	This package is a simple wrapper for the existing Debian skipfish
owasp-wte-spikeproxy		1.4.8	SPIKE Proxy is a professional-grade tool for looking for application-level vulnerabilities in web ap
owasp-wte-sqlbrute		1.0	SQLBrute is a tool for brute forcing data out of databases
owasp-wte-sqlmap		0.9git-2012-10-02	sqlmap is an open source command-line automatic SQL injection tool.
owasp-wte-tcpdump		4.2.1	Tcpdump prints out a description of the contents of packets on a network interface.
owasp-wte-w3af		5824svn	w3af is a Web Application Attack and Audit Framework. The project's
owasp-wte-wapiti		2.2.1	Wapiti allows you to audit the security of your web applications.
owasp-wte-webgoat		5.4	WebGoat is an online training environment for hands-on learning
owasp-wte-webscarab		20090122	WebScarab: a local proxy for web application testing
owasp-wte-webslayer		0-svn-r5	WebSlayer is a tool designed for brute forcing Web Applications,
owasp-wte-wireshark		1.6.7	Wireshark is a network traffic analyzer, or "sniffer", for Unix and Unix-like operating systems.
owasp-wte-wpscan		2012-10-13-git	WPScan is a vulnerability scanner which checks the security
owasp-wte-wsfuzzer		1.9.5	WSFuzzer currently targets Web Services.
owasp-wte-zap		2.1.0	The OWASP Zed Attack Proxy (ZAP) is an easy to use integrated

Targets too (or, two targets)

Gruyer http://google-gruyere.appspot.com/

OWASP WebGoat (of course)

Some non-OWASP stuff

Tools such as Burp Suite Free

Gruyer: vulnerable test web app by Google

Contains other web app security testing standards and methodologies, such as

◦ WASC Threat Classification http://bit.ly/WASC2

  ◦ V1 - WTF?! That was 2004. See v2 (from 2010) at www.webappsec.org

◦ OSTTMM 3.0 & 2.2 http://goo.gl/jV5Mz

Tips for VirtualBox image

Download from http://appseclive.org/downloads/

Unpack RAR file to get VDI file

Create new VM in VirtualBox; use VDI as your HD

Boot VM; login user **owasp** password **owasp**
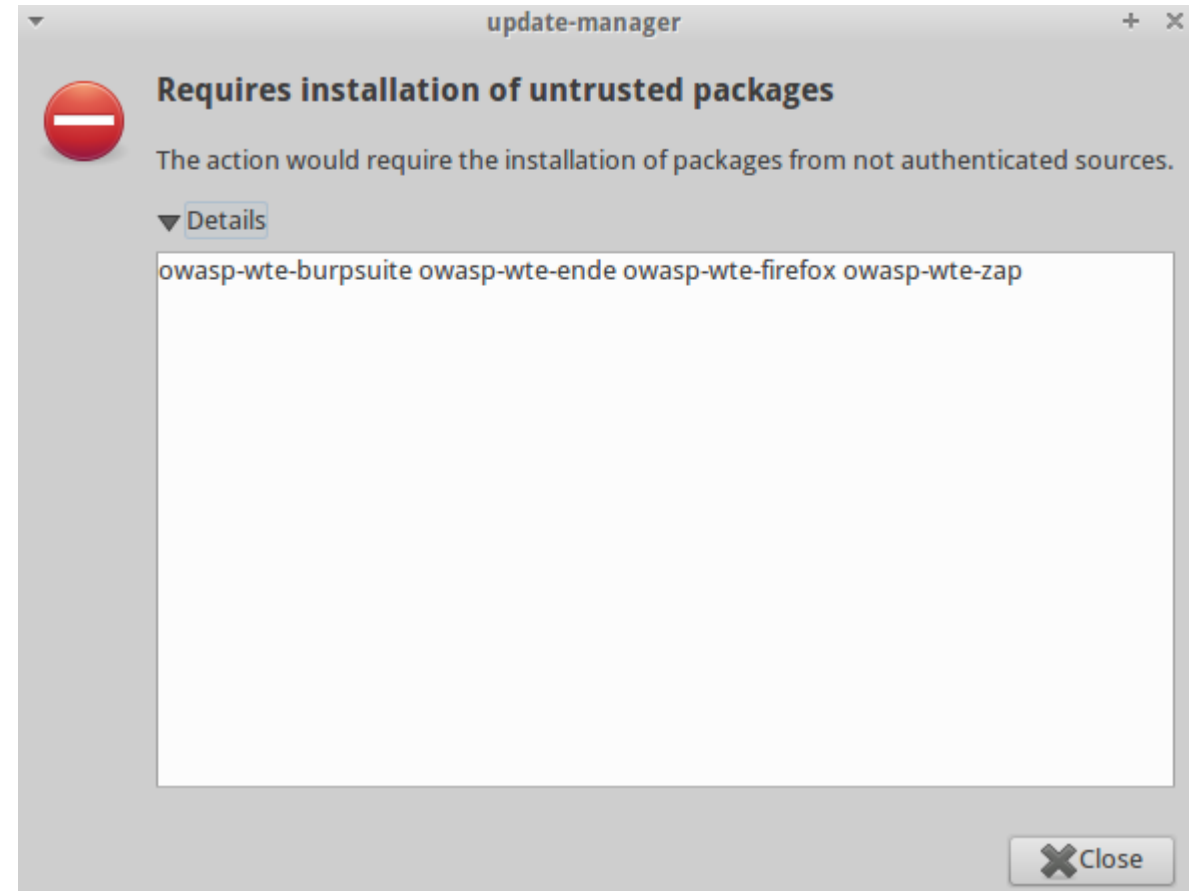
Use terminal: **sudo apt-get update**

Use Synaptic Package Manager to **Mark for Upgrade** all items under Origin/appseclive.org; click Apply

THEN if you want you can use Update Manager to update OS stuff

Untrusted packages…

Problem: Update Manager refuses to install untrusted packages (see right).

Work around: Use a package manager to update WTE stuff before using Update Manager
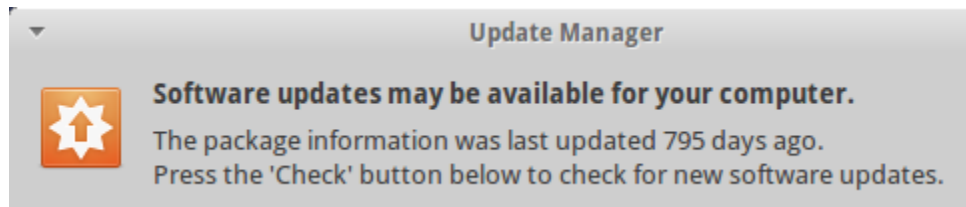
update-manager

Requires installation of untrusted packages

The action would require the installation of packages from not authenticated sources.

▼ Details

owasp-wte-burpsuite owasp-wte-ende owasp-wte-firefox owasp-wte-zap

Close

Other notes

A flagship OWASP project

News: 2014-05-24: OWASP WTE next release in progress

Maybe Santa will bring an update

Update Manager

Software updates may be available for your computer.
The package information was last updated 795 days ago.
Press the 'Check' button below to check for new software updates.

WTE mail archive - No messages have been posted to this list yet…

Similar non-OWASP project:

Web Security Dojo

http://bit.ly/websecdojo

Tools + targets + documentation

Suggestion for next meeting

Jan 6, 2015 - Hand-on with the Web Security Dojo

Tool, targets, and documentation all rolled into one easy to setup VM image (or apt-get)