

## Índice general

<b>1 Práctica 11: Auditoría de seguridad en WordPress con WPScan</b>	<b>2</b>
1.1 Contenedor Docker con WPScan . . . . .	2
1.2 Ejemplos básicos de uso . . . . .	13
1.3 Seguridad en WordPress . . . . .	14
<b>2 Referencias</b>	<b>14</b>
<b>3 Licencia</b>	<b>14</b>



<code>--url URL</code>	The URL of the blog to scan
	Allowed Protocols: http, https
	Default Protocol if none provided: http
	This option is mandatory unless update or help or hh or version is/are supplied
<code>-h, --help</code>	Display the simple help and exit
<code>--hh</code>	Display the full help and exit
<code>--version</code>	Display the version and exit
<code>-v, --verbose</code>	Verbose mode
<code>--[no-]banner</code>	Whether or not to display the banner
	Default: true
<code>-o, --output FILE</code>	Output to FILE
<code>-f, --format FORMAT</code>	Output results in the format supplied
	Available choices: cli-no-colour, cli-no-color, json, cli
<code>--detection-mode MODE</code>	Default: mixed
	Available choices: mixed, passive, aggressive
<code>--user-agent, --ua VALUE</code>	
<code>--random-user-agent, --rua</code>	Use a random user-agent for each scan
<code>--http-auth login:password</code>	
<code>-t, --max-threads VALUE</code>	The max threads to use
	Default: 5
<code>--throttle MilliSeconds</code>	Milliseconds to wait before doing another web request. If used, the max threads will be set to 1.
<code>--request-timeout SECONDS</code>	The request timeout in seconds
	Default: 60
<code>--connect-timeout SECONDS</code>	The connection timeout in seconds

```
Default: 30
--disable-tls-checks           Disables SSL/TLS
    certificate verification, and downgrade to TLS1.0+ (requires
    cURL 7.66 for the latter)
--proxy protocol://IP:port     Supported protocols
    depend on the cURL installed
--proxy-auth login:password
--cookie-string COOKIE        Cookie string to use in
    requests, format: cookie1=value1[; cookie2=value2]
--cookie-jar FILE-PATH        File to read and write
    cookies
                                Default: /tmp/wpscan/
                                cookie_jar.txt
--force                        Do not check if the
    target is running WordPress or returns a 403
--[no-]update                  Whether or not to update
    the Database
--api-token TOKEN              The WPScan API Token to
    display vulnerability data, available at https://wpscan.com/
    profile
--wp-content-dir DIR           The wp-content directory
    if custom or not detected, such as "wp-content"
--wp-plugins-dir DIR           The plugins directory if
    custom or not detected, such as "wp-content/plugins"
-e, --enumerate [OPTS]        Enumeration Process
                                Available Choices:
                                vp  Vulnerable plugins
                                ap  All plugins
                                p   Popular plugins
                                vt  Vulnerable themes
                                at  All themes
                                t   Popular themes
                                tt  Timthumbs
                                cb  Config backups
                                dbe Db exports
                                u   User IDs range. e.
                                    g: u1-5
                                    Range separator to
                                        use: '-'
                                    Value if no
                                        argument
                                        supplied: 1-10
                                m   Media IDs range. e
```

```

.g m1-15
Note: Permalink
      setting must be
      set to "Plain"
      for those to
      be detected
Range separator to
use: '-'
Value if no
argument
supplied: 1-100
Separator to use between
the values: ','
Default: All Plugins,
Config Backups
Value if no argument
supplied: vp,vt,tt,cb
,dbe,u,m
Incompatible choices (
only one of each
group/s can be used):
- vp, ap, p
- vt, at, t

--exclude-content-based REGEXP_OR_STRING Exclude all responses
      matching the Regexp (case insensitive) during parts of the
      enumeration.

Both the headers and
body are checked.
Regexp delimiters are
not required.

--plugins-detection MODE Use the supplied mode to
      enumerate Plugins.

Default: passive
Available choices: mixed
, passive, aggressive

--plugins-version-detection MODE Use the supplied mode to
      check plugins' versions.

Default: mixed
Available choices: mixed
, passive, aggressive

-P, --passwords FILE-PATH List of passwords to use
      during the password attack.

If no --username/s

```

```

option supplied, user
enumeration will be
run.
-U, --usernames LIST          List of usernames to use
    during the password attack.
Examples: 'a1', 'a1,a2,
a3', '/tmp/a.txt'
--multicall-max-passwords MAX_PWD  Maximum number of
    passwords to send by request with XMLRPC multicall
Default: 500
--password-attack ATTACK        Force the supplied
    attack to be used rather than automatically determining one.
Available choices: wp-
login, xmlrpc, xmlrpc
-multicall
--login-uri URI                The URI of the login
    page if different from /wp-login.php
--stealthy                      Alias for --random-user-
agent --detection-mode passive --plugins-version-detection
passive

```

Es posible obtener una salida mucho más detallada ejecutando el siguiente comando:

```
docker run -it --rm wpscanteam/wpscan --hh
```

En este caso la salida será la siguiente:

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                                                                                      WordPress Security Scanner by the WPScan Team
                                                                                      Version 3.8.13
                                                                                      Sponsored by Automattic - https://automattic.com/
                                                                                      @_WPScan_, @ethicalhack3r, @erwan_lr, @firefart
-----

```

```

Usage: wpscan [options]
  --url URL
  scan
  The URL of the blog to
  Allowed Protocols: http,
  https
  Default Protocol if none
  provided: http
  This option is mandatory
  unless update or
  help or hh or version
  is/are supplied
  Display the simple help

-h, --help
  and exit
  --hh
  and exit
  Display the full help
  --version
  exit
  Display the version and
  --ignore-main-redirect
  (if any) and scan the target url
  Ignore the main redirect
-v, --verbose
  Verbose mode
  --[no-]banner
  Whether or not to
  display the banner
  Default: true
  --max-scan-duration SECONDS
  Abort the scan if it
  exceeds the time provided in seconds
-o, --output FILE
  Output to FILE
-f, --format FORMAT
  Output results in the
  format supplied
  Available choices: cli-
  no-colour, cli-no-
  color, json, cli
  Default: mixed
  Available choices: mixed
  , passive, aggressive
  Comma separated (sub-)
  --detection-mode MODE
  Default: mixed
  Available choices: mixed
  , passive, aggressive
  Comma separated (sub-)
  --scope DOMAINS
  domains to consider in scope.
  Wildcard(s) allowed in
  the trd of valid
  domains, e.g: *.
  target.tld
  Separator to use between
  the values: ','

```

<code>--user-agent, --ua VALUE</code>	
<code>--headers HEADERS</code>	Additional headers to
<code>append in requests</code>	
	Separator to use between
	the headers: ';' '
	Examples: 'X-Forwarded-
	For: 127.0.0.1', 'X-
	Forwarded-For:
	127.0.0.1; Another:
	aaa'
<code>--vhost VALUE</code>	The virtual host (Host
<code>header) to use in requests</code>	
<code>--random-user-agent, --rua</code>	Use a random user-agent
<code>for each scan</code>	
<code>--user-agents-list FILE-PATH</code>	List of agents to use
<code>with --random-user-agent</code>	
	Default: /usr/local/ bundle/gems/ cms_scanner-0.13.0/ app/user_agents.txt
<code>--http-auth login:password</code>	
<code>-t, --max-threads VALUE</code>	The max threads to use
	Default: 5
<code>--throttle MilliSeconds</code>	Milliseconds to wait
<code>before doing another web request. If used, the max threads will</code>	
<code>be set to 1.</code>	
<code>--request-timeout SECONDS</code>	The request timeout in
<code>seconds</code>	
	Default: 60
<code>--connect-timeout SECONDS</code>	The connection timeout
<code>in seconds</code>	
	Default: 30
<code>--disable-tls-checks</code>	Disables SSL/TLS
<code>certificate verification, and downgrade to TLS1.0+ (requires</code>	
<code>cURL 7.66 for the latter)</code>	
<code>--proxy protocol://IP:port</code>	Supported protocols
<code>depend on the cURL installed</code>	
<code>--proxy-auth login:password</code>	
<code>--cookie-string COOKIE</code>	Cookie string to use in
<code>requests, format: cookie1=value1[; cookie2=value2]</code>	
<code>--cookie-jar FILE-PATH</code>	File to read and write
<code>cookies</code>	
	Default: /tmp/wpscan/



```

--cache-ttl TIME_TO_LIVE           cookie_jar.txt
    in seconds                       The cache time to live
                                      Default: 600
--clear-cache                       Clear the cache before
    the scan
--cache-dir PATH                   Default: /tmp/wpscan/
    cache
--server SERVER                   Force the supplied
    server module to be loaded
                                      Available choices:
                                      apache, iis, nginx
--force                             Do not check if the
    target is running WordPress or returns a 403
--[no-]update                      Whether or not to update
    the Database
--api-token TOKEN                 The WPScan API Token to
    display vulnerability data, available at https://wpscan.com/
    profile
--wp-content-dir DIR              The wp-content directory
    if custom or not detected, such as "wp-content"
--wp-plugins-dir DIR              The plugins directory if
    custom or not detected, such as "wp-content/plugins"
--interesting-findings-detection MODE Use the supplied mode
    for the interesting findings detection.
                                      Available choices: mixed
                                      , passive, aggressive
--wp-version-all                 Check all the version
    locations
--wp-version-detection MODE       Use the supplied mode
    for the WordPress version detection, instead of the global (--
    detection-mode) mode.
                                      Available choices: mixed
                                      , passive, aggressive
--main-theme-detection MODE       Use the supplied mode
    for the Main theme detection, instead of the global (--
    detection-mode) mode.
                                      Available choices: mixed
                                      , passive, aggressive
-e, --enumerate [OPTS]           Enumeration Process
                                      Available Choices:
                                      vp  Vulnerable plugins
                                      ap  All plugins

```

```
p Popular plugins
vt Vulnerable themes
at All themes
t Popular themes
tt Timthumbs
cb Config backups
dbe Db exports
u User IDs range. e.
  g: u1-5
  Range separator to
  use: '-'
  Value if no
  argument
  supplied: 1-10
m Media IDs range. e
.g m1-15
  Note: Permalink
  setting must be
  set to "Plain"
  for those to
  be detected
  Range separator to
  use: '-'
  Value if no
  argument
  supplied: 1-100
Separator to use between
the values: ','
Default: All Plugins,
Config Backups
Value if no argument
supplied: vp,vt,tt,cb
,dbe,u,m
Incompatible choices (
only one of each
group/s can be used):
- vp, ap, p
- vt, at, t
--exclude-content-based REGEXP_OR_STRING Exclude all responses
matching the Regexp (case insensitive) during parts of the
enumeration.
Both the headers and
body are checked.
```

```
Regexp delimiters are
not required.
--plugins-list LIST          List of plugins to
    enumerate
    Examples: 'a1', 'a1,a2,
              a3', '/tmp/a.txt'
--plugins-detection MODE    Use the supplied mode to
    enumerate Plugins.
    Default: passive
    Available choices: mixed
                        , passive, aggressive
--plugins-version-all      Check all the plugins
    version locations according to the chosen mode (--detection-
    mode, --plugins-detection and --plugins-version-detection)
--plugins-version-detection MODE Use the supplied mode to
    check plugins' versions.
    Default: mixed
    Available choices: mixed
                        , passive, aggressive
--plugins-threshold THRESHOLD Raise an error when the
    number of detected plugins via known locations reaches the
    threshold. Set to 0 to ignore the threshold.
    Default: 100
--themes-list LIST          List of themes to
    enumerate
    Examples: 'a1', 'a1,a2,
              a3', '/tmp/a.txt'
--themes-detection MODE    Use the supplied mode to
    enumerate Themes, instead of the global (--detection-mode)
    mode.
    Available choices: mixed
                        , passive, aggressive
--themes-version-all      Check all the themes
    version locations according to the chosen mode (--detection-
    mode, --themes-detection and --themes-version-detection)
--themes-version-detection MODE Use the supplied mode to
    check themes versions instead of the --detection-mode or --
    themes-detection modes.
    Available choices: mixed
                        , passive, aggressive
--themes-threshold THRESHOLD Raise an error when the
    number of detected themes via known locations reaches the
    threshold. Set to 0 to ignore the threshold.
```

```
Default: 20
--timthumbs-list FILE-PATH          List of timthumbs'
    location to use

Default: /wpscan/.wpscan
    /db/timthumbs-v3.txt
--timthumbs-detection MODE          Use the supplied mode to
    enumerate Timthumbs, instead of the global (--detection-mode)
    mode.

Available choices: mixed
    , passive, aggressive
--config-backups-list FILE-PATH     List of config backups'
    filenames to use

Default: /wpscan/.wpscan
    /db/config_backups.
    txt
--config-backups-detection MODE     Use the supplied mode to
    enumerate Config Backups, instead of the global (--detection-
    mode) mode.

Available choices: mixed
    , passive, aggressive
--db-exports-list FILE-PATH         List of DB exports'
    paths to use

Default: /wpscan/.wpscan
    /db/db_exports.txt
--db-exports-detection MODE         Use the supplied mode to
    enumerate DB Exports, instead of the global (--detection-mode)
    mode.

Available choices: mixed
    , passive, aggressive
--medias-detection MODE             Use the supplied mode to
    enumerate Medias, instead of the global (--detection-mode)
    mode.

Available choices: mixed
    , passive, aggressive
--users-list LIST                   List of users to check
    during the users enumeration from the Login Error Messages
    Examples: 'a1', 'a1,a2,
    a3', '/tmp/a.txt'
--users-detection MODE              Use the supplied mode to
    enumerate Users, instead of the global (--detection-mode) mode
    .

Available choices: mixed
    , passive, aggressive
```

```
-P, --passwords FILE-PATH      List of passwords to use
    during the password attack.
                                If no --username/s
                                option supplied, user
                                enumeration will be
                                run.
-U, --usernames LIST           List of usernames to use
    during the password attack.
                                Examples: 'a1', 'a1,a2,
                                a3', '/tmp/a.txt'
--multicall-max-passwords MAX_PWD  Maximum number of
    passwords to send by request with XMLRPC multicall
                                Default: 500
--password-attack ATTACK        Force the supplied
    attack to be used rather than automatically determining one.
                                Available choices: wp-
                                login, xmlrpc, xmlrpc
                                -multicall
--login-uri URI                 The URI of the login
    page if different from /wp-login.php
--stealthy                       Alias for --random-user-
    agent --detection-mode passive --plugins-version-detection
    passive
```

## 1.2 Ejemplos básicos de uso

A continuación vamos a ver algunos ejemplos básicos de uso.

### Ejemplo 1

Para obtener la lista de *plugins* instalados en nuestro sitio WordPress podemos ejecutar:

```
docker run -it --rm wpscanteam/wpscan --url http://192.168.22.20 --
    enumerate p
```

Donde **192.168.22.20** será la dirección IP de la máquina donde hemos realizado la instalación de WordPress.

### Ejemplo 2

Para realizar un escaneo completo de un sitio WordPress podemos ejecutar:

```
docker run -it --rm wpscanteam/wpscan --url http://192.168.22.20
```

Donde **192.168.22.20** será la dirección IP de la máquina donde hemos realizado la instalación de WordPress.

### Ejemplo 3

En este ejemplo haremos uso de la API de WPScan que nos permite detectar vulnerabilidades haciendo uso de su base de datos de vulnerabilidades.

Para poder hacer uso del servicio de la API de WPScan, es necesario registrarse en su web y obtener un TOKEN.

```
docker run -it --rm wpscanteam/wpscan --url http://192.168.22.20 --api-token 8pIlWnF2dxbgfvyQfDAUaV3T3iafo0u01K80Pr2KKRM
```

Donde **192.168.22.20** será la dirección IP de nuestro balanceador web.

## 1.3 Seguridad en WordPress

A continuación se muestran varias referencias relacionadas con la seguridad de WordPress.

- Seguridad para WordPress. Colección de artículos de Javier Casares.
- WPdanger: Guía de seguridad para WordPress. Una guía en PDF de Javier Casares
- Blog sobre administración de sistemas WordPress.

## 2 Referencias

- WordPress
- WPScan
- Imagen WPScan en Docker Hub
- Ebook: 21 Trucos para tener tu WordPress seguro. SiteGround.

## 3 Licencia

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