

In the default level you should see the highly important security flaws in the system. The level 1 (./lse.sh -11) shows interesting information that should help you to privesc. The level 2 (./lse.sh -12) will just dump all the information it gathers about the system.

By default it will ask you some questions: mainly the current user password (if you know it;) so it can do some additional tests.

How to use it?

The idea is to get the information gradually.

First you should execute it just like ./lse.sh . If you see some green yes! , you probably have already some good stuff to work with.

If not, you should try the level 1 verbosity with ./lse.sh -11 and you will see some more information that can be interesting.

If that does not help, level 2 will just dump everything you can gather about the service using ./lse.sh -12 . In this case you might find useful to use ./lse.sh -12 | less -r .

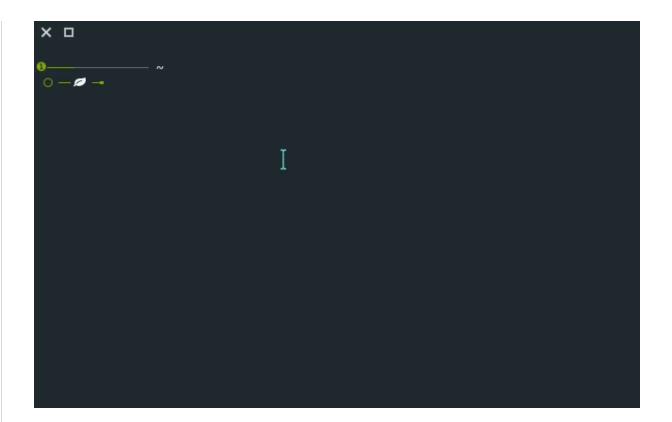
You can also select what tests to execute by passing the -s parameter. With it you can select specific tests or sections to be executed. For example ./lse.sh -12 -s usr010,net,pro will execute the test usr010 and all the tests in the sections net and pro.

```
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Use: ./lse.sh [options]
 OPTIONS
            Disable color
  - C
  -i
            Non interactive mode
            This help
  -h
  -l LEVEL Output verbosity level
               0: Show highly important results. (default)
                1: Show interesting results.
                2: Show all gathered information.
  -s SELECTION Comma separated list of sections or tests to run. Ava:
               sections:
                usr: User related tests.
                sud: Sudo related tests.
                fst: File system related tests.
                sys: System related tests.
                sec: Security measures related tests.
                ret: Recurren tasks (cron, timers) related tests.
                net: Network related tests.
                srv: Services related tests.
                pro: Processes related tests.
                sof: Software related tests.
                 ctn: Container (docker, lxc) related tests.
                 cve: CVE related tests.
               Specific tests can be used with their IDs (i.e.: usr0)
  -e PATHS
               Comma separated list of paths to exclude. This allows
               to do faster scans at the cost of completeness
              Time that the process monitor will spend watching for
  -p SECONDS
               processes. A value of 0 will disable any watch (defau.
               Serve the lse.sh script in this host so it can be retu
  -S
               from a remote host.
```

Is it pretty?

Usage demo

Also available in webm video



Level 0 (default) output sample

```
Hostname: dvwa
    Linux: 3.16.0-4-amd64
Distribution: Debian GNU/Linux 8.6 (jessie)
Architecture: x86 64
[i] usr000 Current user groups......yes
[*] usr010 Is current user in an administrative group?......nope
[i] usr050 Groups for other users.....skip
sys000 Who is logged in.....skip
[i] sys010 Last logged in users...
[!] sys020 Does the /etc/passwd have hashes?..... nope
[!] sys030 Can we read /etc/shadow file?..... nope
[!] sys030 Can we read /etc/shadow- file?.....nope
[!] sys030 Can we read /etc/shadow~ file?.....nope
[!] sys030 Can we read /etc/master.passwd file?.....nope
[*] sys040 Check for other superuser accounts.....nope
 *] sys050 Can root user log in via SSH?......yes!
[i] sys060 List available shells.....skip
 i] sys070 System umask in /etc/login.defs.....skip
] sec010 List files with capabilities.....yes!
[!] sec020 Can we write to a binary with caps?.....nope
[!] sec030 Do we have all caps in any binary?..... yes!
/home/treitos/openssl =ep
[*] sec040 Users with associated capabilities.....nope
[!] sec050 Does current user have capabilities?.....skip
  ret010 Cron tasks writable by user..... nope
```

Level 1 verbosity output sample

```
Hostname: dvwa
       Linux: 3.16.0-4-amd64
Distribution: Debian GNU/Linux 8.6 (jessie)
Architecture: x86_64
[*] usr020 Are there other users in an administrative groups?..... yes!
adm:x:4:zabbix
[*] usr030 Other users with shell..... yes!
root:x:0:0:root:/root:/bin/bash
treitos:x:1000:1000:treitos,,,:/home/treitos:/bin/bash
web-admin:x:1001:33::/var/www/sites:/usr/bin/rssh

      [i] usr040 Environment information
      skip

      [i] usr050 Groups for other users
      skip

      [i] usr060 Other users
      skip

[!] sud000 Can we sudo without a password?.....nope
[!] sud010 Can we list sudo commands without a password?..... nope
[*] sud040 Can we read /etc/sudoers?.....nope
[*] sud050 Do we know if any other users used sudo?...... nope
[*] fst000 Writable files outside user's home..... yes
/home/treitos
/var/lib/php5/sessions
/var/spool/postfix/dev/log
/var/spool/postfix/dev/random
/var/spool/postfix/dev/urandom
/var/tmp
/tmp
/tmp/.XIM-unix
/tmp/.Test-unix
/tmp/.ICE-unix
/tmp/.X11-unix
/tmp/.font-unix
[*] fst010 Binaries with setuid bit.....yes
/usr/lib/eject/dmcrypt-get-device
/usr/lib/openssh/ssh-keysign
/usr/bin/gpasswd
/usr/bin/chfn
/usr/bin/chsh
/usr/bin/passwd
/usr/bin/newgrp
/bin/su
/bin/umount
[!] fst020 Uncommon setuid binaries..... nope

      [!] fst030 Can we write to any setuid binary?
      nope

      [*] fst040 Binaries with setgid bit
      skip

      [!] fst050 Uncommon setgid binaries
      skip

      [!] fst060 Can we write to any setgid binary?
      skip

      [*] fst070 Can we read /root?
      nope

      [*] fst080 Can we read subdirectories under /bame?
      nope

[*] fst090 SSH files in home directories......nope
[*] fst100 Useful binaries..... yes
/bin/nc
/bin/netcat
```

Level 2 verbosity output sample

```
Hostname: dvwa
      Linux: 3.16.0-4-amd64
Distribution: Debian GNU/Linux 8.6 (jessie)
Architecture: x86_64
[i] usr000 Current user groups..... yes
treitos cdrom floppy audio dip video plugdev netdev
[*] usr010 Is current user in an administrative group?..... nope
[*] usr020 Are there other users in an administrative groups?..... yes
adm:x:4:zabbix
[*] usr030 Other users with shell..... yes!
root:x:0:0:root:/root:/bin/bash
treitos:x:1000:1000:treitos,,,:/home/treitos:/bin/bash
web-admin:x:1001:33::/var/www/sites:/usr/bin/rssh
[i] usr040 Environment information..... yes
SHELL=/bin/sh
PWD=/tmp
LANG=gl_ES.UTF-8
SHLVL=3
HOME=/home/treitos
LOGNAME=treitos
_=/usr/bin/env
[i] usr050 Groups for other users..... yes
daemon:x:1:
bin:x:2:
sys:x:3:
adm:x:4:zabbix
disk:x:6:
lp:x:7:
uucp:x:10:
man:x:12:
proxy:x:13:
kmem:x:15:
dialout:x:20:
cdrom:x:24:treitos
floppy:x:25:treitos
tape:x:26:
sudo:x:27:
dip:x:30:treitos
www-data:x:33:
backup:x:34:
operator:x:37:
```

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