

WinLin PEAS

linPEAS

LinPEAS is a script that search for possible paths to escalate privileges on Linux/Unix* hosts. Once you was able to get on a server you can run this script to see which vulnerabilities the system has.

<https://github.com/carlospolop/privilege-escalation-awesome-scripts-suite/tree/master/linPEAS>

The goal of this script is to search for possible **Privilege Escalation Paths** (tested in Debian, CentOS, FreeBSD and OpenBSD).

This script doesn't have any dependency. It **uses /bin/sh syntax**, so can run in anything supporting sh (and the binaries and parameters used).

By default, **linpeas won't write anything to disk and won't try to login as any other user using su.**

By default linpeas takes around 2 mins to complete, but It could take from **4 to 5 minutes** to execute all the checks using -a parameter (Recommended option for CTFs):

- From less than 1 min to 2 mins to make almost all the checks
- Almost 1 min to search for possible passwords inside all the accesible files of the system
- 20s/user bruteforce with top2000 passwords (need -a) - Notice that this check is super noisy
- 1 min to monitor the processes in order to find very frequent cron jobs (need -a) - Notice that this check will need to write some info inside a file that will be deleted

To run LinPEAS directly on a system you can execute the script with a curl command:

```
curl https://raw.githubusercontent.com/carlospolop/privilege-escalation-awesome-scripts-suite/master/linPEAS/linpeas.sh | sh
```

Otherwise you can download the repository on GitHub and scp the file to your target server.

```
git clone https://github.com/carlospolop/privilege-escalation-awesome-scripts-suite
```

From there you can go to the folder **linPEAS** and copy the script.

To extract the results in a file you execute the script as following:

```
sudo ./linpeas.sh | tee <outputfile>.log
```

LinPEAS looks like that when executed:

```
% Total      % Received % Xferd   Average Speed          Time         Time         Time       Current
0           0           0     0        0      0 --:--:-- --:--:-- --:--:--    0

PLACES
[+] /usr/bin/fping is available for network discovery (linpeas can discover hosts, learn more with -h)
[+] /usr/bin/nc is available for network discover & port scanning (linpeas can discover hosts and scan ports, lear
[+] nmap is available for network discover & port scanning, you should use it yourself
```



linpeas v3.0.6 by carlospolop

ADVISORY: This script should be used for authorized penetration testing and/or educational purposes only. Any misuse and/or with the network owner's permission.

Linux Privsc Checklist: <https://book.hacktricks.xyz/linux-unix/linux-privilege-escalation-checklist>

LEGEND:

- RED/YELLOW:** 95% a PE vector
- RED:** You must take a look at it
- LightCyan:** Users with console
- Blue:** Users without console & mounted devs
- Green:** Common things (users, groups, SUID/SGID, mounts, .sh scripts, cronjobs)
- LightMagenta:** Your username

Starting linpeas. Caching Writable Folders ...

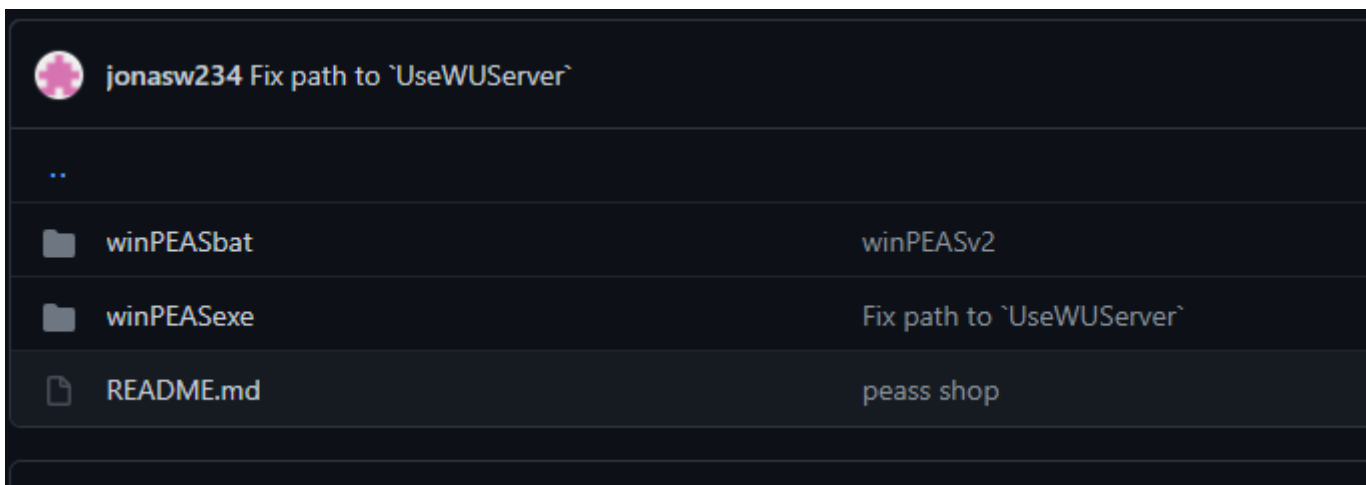
(Basic information)

OS: Linux version 5.9.0-kali1-amd64 (devel@kali.org) (gcc-10 (Debian 10.2.0-15) 10.2.0, GNU ld (GNU Binutils for D
User & Groups: uid=1000(togo) gid=1000(togo) groups=1000(togo),24(cdrom),25(floppy),27(sudo),29(audio),30(dip),44(
Hostname: kali
Writable folder: /tmp

[+] /usr/bin/fping is available for network discovery (linpeas can discover hosts, learn more with -h)
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The same works on windows as well. You can run it as .exe or .bat.



Best way to execute it would be the .bat file.

Execute it on the target machine and you'll see all vulns and discover other possible lack of security.

Revision #2

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