

## TASK 5 [LINUX GAMES]

### Level 0 - 1

```
--[ More information ]--  
  
For more information regarding individual wargames, visit  
http://www.overthewire.org/wargames/  
  
For support, questions or comments, contact us through IRC on  
#wargames.  
  
Enjoy your stay!  
  
bandit0@bandit:~$ ls  
readme  
bandit0@bandit:~$ cat readme  
boJ9jbbUNNfktd7800psq0ltutMc3MY1  
bandit0@bandit:~$
```

Password: boJ9jbbUNNfktd7800psq0ltutMc3MY1

### Level 1 – 2

```
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Enjoy your stay!  
  
bandit1@bandit:~$ cat ./-  
CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9  
bandit1@bandit:~$
```

Password: CV1DtqXWVFXTvM2F0k09SHz0YwRINYA9

### Level 2 - 3

```
http://www.overthewire.org/wargames/  
  
For support, questions or comments, contact us through IRC on  
#wargames.  
  
Enjoy your stay!  
  
bandit2@bandit:~$ cat spaces\in\this\filename  
cat: spacesinthisfilename: No such file or directory  
bandit2@bandit:~$ cat 'spaces in this filename'  
UmHadQclWmgdLOKQ3YNgjWxGoRmb5luK  
bandit2@bandit:~$
```

Password: UmHadQclWmgdLOKQ3YNgjWxGoRmb5luK

### Level 3 - 4

```
For support, questions or comments, contact us through IRC on  
irc.overthewire.org #wargames.
```

Enjoy your stay!

```
bandit3@bandit:~$ cd inhere  
bandit3@bandit:~/inhere$ ls -a  
- - - .hidden  
bandit3@bandit:~/inhere$ cat ./hidden  
pIwrPrtpN36QITSp3EQaw936yaFoFgAB  
bandit3@bandit:~/inhere$
```

Password: pIwrPrtpN36QITSp3EQaw936yaFoFgAB

#### Level 4 - 5

```
http://www.overthewire.org/wargames/  
  
For support, questions or comments, contact us through IRC on  
irc.overthewire.org #wargames.
```

Enjoy your stay!

```
bandit3@bandit:~$ cd inhere  
bandit3@bandit:~/inhere$ ls -a  
- - - .hidden  
bandit3@bandit:~/inhere$ cat ./hidden  
pIwrPrtpN36QITSp3EQaw936yaFoFgAB  
bandit3@bandit:~/inhere$
```

Password: koReB0KuIDDepwhWk7jZC0RTdopnAYKh

#### Level 5 - 6

```
http://www.overthewire.org/wargames/  
  
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irc.overthewire.org #wargames.
```

Enjoy your stay!

```
bandit5@bandit:~$ cd inhere  
bandit5@bandit:~/inhere$ find -size 1033c ! -executable  
./maybehere07/.file2  
bandit5@bandit:~/inhere$ cat ./file2  
cat: ./file2: No such file or directory  
bandit5@bandit:~/inhere$ cat ./maybehere07/.file2  
DXjZPULLxYr17uwoI01bNLQbtFemEgo7
```

```
~/inhere$
```

Password: DXjZPULLxYr17uwoI01bNLQbtFemEgo7

#### Level 6 - 7

```

find: '/var/spool/rsyslog': Permission denied
find: '/var/tmp': Permission denied
find: '/var/lib/apt/lists/partial': Permission denied
find: '/var/lib/polkit-1': Permission denied
/var/lib/dpkg/info/bandit7.password
find: '/var/log': Permission denied
find: '/var/cache/apt/archives/partial': Permission denied
find: '/var/cache/ldconfig': Permission denied
bandit6@bandit:~$ cat /var/lib/dpkg/info/bandit7.password
HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs
bandit6@bandit:~$

```

password: HKBPTKQnIay4Fw76bEy8PVxKEDQRKTzs

## Level 7 - 8

```

Checksec.sh (http://www.trapkit.de/tools/checksec.html) -> /usr/local/bin/checksec.sh

--[ More information ]--

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Enjoy your stay!

bandit7@bandit:~$ cat data.txt | grep "millionth"
millionth      cvX2JJJa4CFALtqS87jk27qwqGhBM9p1V
bandit7@bandit:~$

```

password: cvX2JJJa4CFALtqS87jk27qwqGhBM9p1V

## Level 8 - 9

```

10 KfTSP0AVF7Wng1C0d5QRz1bZx0DnSS0W
10 s1603Q2r4RPKqyoA8cspIRk0VdgEmFC3
10 SA05uWMVCao2rzS8YRqUXh19Svn0pu0L
10 SHMAMUEzQe4mV7S3pETTzFsyNR3sZE2k
10 s1952kS1y6pt4AFenmm0oIp8n7W5d3bd
10 sYsokIATVvFUKU4sAHTtMarfjLZWj5l
10 SzwgS2AD5jP6yp0zp2bIvdqNyxRtrHj
10 TKUtQbeYnEzzYIne7B1noBx2bHFLBXzG
10 TThRArdF2ZEXM047TIVkyPPLtvzzLcDf
10 tVW9iY1Ml0uHPK4usZnN8oZXbjRt2ATy
10 U0NYdD3wHZKpfEg9qGQ0LJImAJy6qxhS
10 UASW6CQwD6MRzftu6FAfyXBK0cVvnBLP
10 UJlCNvDNfgb3fccj8PjjnAXHqUM63UyJ
10 UjsVbcqKeJqdCZQCDmkzv6A9X7hLbNE4
1 UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUHR
10 UVnZvhlVQECraz5j18U14sMVZQhjuXla
10 V2d9umHiuPLYLIDsuHj0fr0EmreCZMaA
10 v9zaxkVAOdIOlITZY2uoCtB1fX2gmly9
10 VkBAEWYIibVkeURZV5nowlGg6i3n7Be0
10 w4zUWFGTUrAAh8lNkS8gH3WK2zowBEkA
10 WBqr9xvf6nYTT5kLcTGGG6jb3ex94xMr
10 wJNwumEX58RUQTrufHMcIwz5Yx10GtTC
10 X1JHOUkrb4KgugMXIzMWIwvRkeZ1eTI
10 XyeJdbrUJyGtdGx8cXLQST0pwu5cvpcA
10 yo0HbSe2GM0jJNhRQLxwoPp7ayYEmRKY
10 ySvsTwLMgnUF0n86Fgm2TNjk50LrV72
10 Z9OC6DQpppreChPhwRJJV9YYTtrxNVc0
10 zdd2ctVveR0GeIS2WE3TeLZMeL5jL7lM
bandit8@bandit:~$

```

Password: UsvVyFSfZZWbi6wgC7dAFyFuR6jQQUHR

## Level 9 - 10

```
les Terminal Jun 26 13:36
bandit9@bandit: ~
_ ^XF)ZB.g
;9'~
\Jg'
S/gA
g<%x
xzY<
blsN
-U^y
x@nQ
*SF=s
}1:LF
jvur
Emlld
&===== truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk
_gmz
\Ull,
ASRK
S' $0
<4t",
4cX0
cj13c:?
&Yra
zEwa
b2+x
z`tlR
o|8M]
.p4Hv
)z<p
S=A..H&^
#hu#
```

Password: truKLdjsbJ5g7yyJ2X2R0o3a5HQJFuLk

## Level 10 - 11

```
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Enjoy your stay!

bandit10@bandit:~$ cat.txt
-bash: cat.txt: command not found
bandit10@bandit:~$ cat .txt
cat: .txt: No such file or directory
bandit10@bandit:~$ ls
data.txt
bandit10@bandit:~$ cat data.txt
VGhlIHBhc3N3b3JkIGlzIElGdWt3S0dzRlc4TU9xM0lSRnFyeEUxaHhUTkViVVBScg==
bandit10@bandit:~$ echo 'VGhlIHBhc3N3b3JkIGlzIElGdWt3S0dzRlc4TU9xM0lSRnFyeEUxaHhUTkViVVBScg==' | base64 -d
The password is IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR
bandit10@bandit:~$
```

Password: IFukwKGsFW8MOq3IRFqrxE1hxTNEbUPR

## Level 11 - 12

```
http://www.overthewire.org/wargames/

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Enjoy your stay!

bandit11@bandit:~$ ls
data.txt
bandit11@bandit:~$ cat data.txt
Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHh
bandit11@bandit:~$ echo 'Gur cnffjbeq vf 5Gr8L4qetPEsPk8htqjhRK8XSP6x2RHh' | tr [N-ZA-Mn-a-m] [A-Za-z]
The password is 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu
bandit11@bandit:~$
```

Password: 5Te8Y4drgCRfCx8ugdwuEX8KFC6k2EUu

## Level 12 - 13

```
bandit12@bandit:/tmp/temp$ file data6.bin.out
data6.bin.out: POSIX tar archive (GNU)
bandit12@bandit:/tmp/temp$ tar -xvf data6.bin.out
data8.bin
bandit12@bandit:/tmp/temp$ file data8.bin
data8.bin: gzip compressed data, was "data9.bin", last modified: Thu May  7 18:14:30 2020, max compression, from Unix
bandit12@bandit:/tmp/temp$ gunzip data8.bin
gzip: data8.bin: unknown suffix -- ignored
bandit12@bandit:/tmp/temp$ mv data8.bin dat8.gz
bandit12@bandit:/tmp/temp$ gunzip dat8.gz
bandit12@bandit:/tmp/temp$ ls
dat8  data1  data5.bin  data6.bin.out  data.txt
bandit12@bandit:/tmp/temp$ file dat8
dat8: ASCII text
bandit12@bandit:/tmp/temp$ cat dat8
The password is 8ZjyCRiBWFYkneahHwxCv3wb2a10RpYL
bandit12@bandit:/tmp/temp$
```

Password: 8ZjyCRiBWFYkneahHwxCv3wb2a10RpYL

## Level 13 - 14

```
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh

--[ More information ]--

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Enjoy your stay!

bandit13@bandit:~$ ls
sshkey.private
bandit13@bandit:~$ cat sshkey.private
-----BEGIN RSA PRIVATE KEY-----
MIIEpAIBAAKCAQEAXkkOE83W2cOT7IWhFc9aPaaQmQDdgzuXCv+ppZHa++buSkN+
gg0tcr7Fw8NLGa5+Uzec2rEg0WmeevB13AIoYp0MZyETq46t+jk9puNwZwIt9XgB
ZufGtZEwWbFWw/vVLNwOXBe4UWStGRWzgPpEeSv5Tb1VjLZIBdGphTIK22Amz6Zb
ThMsiMnyJafEwJ/T8PQ03myS91vUHEuo0MAzoUID4kN0MEZ3+XahyK0HJVq68KsV
ObefXG1vvA3GAJ29kxJaqvRfgYnqZryWN7w3CHjNU4c/2Jkp+n8L0SnxaNA+WYA7
jiPyTF0is8uzMLYQ4l1Lzh/8/MpvhCQF8r22dwIDAQABAoIBAQC6dWBjhyE0zjeA
J3j/RWmap9M5zfJ/wb2bfidNpwbB8rsJ4sZIDZQ7XuIh4LfgygoAQSS+bBw3RXvzE
pvJt3SmU8hIDuLsCjL1VnBY5pY7Bju8g8aR/3FyjyNAqx/TLfzLLYf0u7i9Jet67
xAh0tONG/u8FB5I3LAI2Vp60viwvdWec4n0xCthldpuPKNLA8rmMMVRTKQ+7T2VS
nXmwYckKUCUgzoVSpINZaS0zUDypdpY2+trH3MQa5kqN1YKjvF8RC47wo0YCKtsD
o3FFpGNFec9Taa3Msy+DfQQhHKZFKIL3bJDONTmrVvtYK40/yeU4aZ/HA2DQzwe
ol1AfiEhAoGBAOnVjosBkm7sblK+n4IEwPxs8s0mhPnTDUy5WGrpSCrX0msVIBUF
-----
```

Here you will be provided an ssh privatekey



```
Enjoy your stay!

bandit14@bandit:~$ ls
bandit14@bandit:~$ cd /etc
bandit14@bandit:~$ cd /etc$ ls
adduser.conf          calendar             dhcp                 grub.d              init.d              ld.so.conf.d        mailcap.order        opt                 rc0.d              screenrc
adjtime               ConsoleKit           dictionaries-common gshadow             initramfs-tools    libaudit.conf       nmappath.config     os-release         rc1.d              security
alternatives          console-setup        discover.conf.d      gshadow             inittab            lighttpd            nme.types           pam.conf           rc2.d              selinux
apache2               cron.d               discover-modprobe.conf gss                 inputrc            locale.alias         nke2fs.conf         pan.d             rc3.d              services
apm                   cron.daily           dpkg                 hdpam.conf         inserv             locale.gen          modprobe.d          passwd            rc4.d             sgnl
apparmor              cron.hourly          elogind              host.conf           insserv.conf       localtime           modules             passwd            rc5.d             shadow
apparmor.d            cron.monthly         emacs                hostname            insserv.conf.d     logcheck            motd                perl              rc6.d             shadow
apt                   cronab               environment          hosts               iproute2           login.defs          ntab               polkit-1          rc.local           shells
bandit_pass           cron.weekly          firewall             hosts.allow         issue              logrotate.conf     nanorc             profile           rcS.d             skel
bash.bashrc           dbus-1              fstab               hosts.deny          issue.net          logrotate.d         network            reportbug.conf    rcS.d             ssh
bash_completion       debconf.conf        gal.conf            identd.conf         kernel             ltrace.conf        NetworkManager     protocols         resolv.conf       ssl
bash_completion.d     debian_version      gdb                 identd.key          kernel-img.conf    lvm                 networks           python            rpc               staff-group-for-
bindresvport.blacklist default              groff               inetd.conf           ldap               magic               newt              python2.7         rsyslog.conf      subgid
ca-certificates        deluser.conf        group               inetd.d             ld.so.cache        magic.mtme          nsswitch.conf      python3           rsyslog.d         subgid
ca-certificates.conf  devuan_version      group-              init                ld.so.conf         mailcap             ntp.conf           python3.5         rsyslog.d         subgid

bandit14@bandit:~$ cd /etc$ cd bandit_pass
bandit14@bandit:~$ cd /etc/bandit_pass$ ls
bandit0  bandit10  bandit12  bandit14  bandit16  bandit18  bandit2  bandit21  bandit23  bandit25  bandit27  bandit29  bandit30  bandit32  bandit4  bandit6  bandit8
bandit1  bandit11  bandit13  bandit15  bandit17  bandit19  bandit20  bandit22  bandit24  bandit26  bandit28  bandit3  bandit31  bandit33  bandit5  bandit7  bandit9
bandit14@bandit:~$ cd /etc/bandit_pass$ cat bandit14
4wcYUJFw0k0XLSHlDzztnTBHlqxU3b3e
bandit14@bandit:~$ cd /etc/bandit_pass$
```

Password: 4wcYUJFw0k0XLSHlDzztnTBHlqxU3b3e

## Level 14 - 15

```
apparmor.d          cron.monthly         emacs                hostname            insserv.conf.d     logcheck            motd                perl              rc6.d              shadow
apt                 cronab               environment          hosts               iproute2           login.defs          ntab               polkit-1          rc.local           shadow
bandit_pass         cron.weekly          firewall             hosts.allow         issue              logrotate.conf     nanorc             profile           rcS.d             shells
bash.bashrc         dbus-1              fstab               hosts.deny          issue.net          logrotate.d         network            reportbug.conf    rcS.d             ssh
bash_completion     debconf.conf        gal.conf            identd.conf         kernel             ltrace.conf        NetworkManager     protocols         resolv.conf       ssl
bash_completion.d   debian_version      gdb                 identd.key          kernel-img.conf    lvm                 networks           python            rpc               staff-group-for-
bindresvport.blacklist default              groff               inetd.conf           ldap               magic               newt              python2.7         rsyslog.conf      subgid
ca-certificates      deluser.conf        group               inetd.d             ld.so.cache        magic.mtme          nsswitch.conf      python3           rsyslog.d         subgid
ca-certificates.conf devuan_version      group-              init                ld.so.conf         mailcap             ntp.conf           python3.5         rsyslog.d         subgid

bandit14@bandit:~$ cd /etc$ cd bandit_pass
bandit14@bandit:~$ cd /etc/bandit_pass$ ls
bandit0  bandit10  bandit12  bandit14  bandit16  bandit18  bandit2  bandit21  bandit23  bandit25  bandit27  bandit29  bandit30  bandit32  bandit4  bandit6  bandit8
bandit1  bandit11  bandit13  bandit15  bandit17  bandit19  bandit20  bandit22  bandit24  bandit26  bandit28  bandit3  bandit31  bandit33  bandit5  bandit7  bandit9
bandit14@bandit:~$ cd /etc/bandit_pass$ cat bandit14
4wcYUJFw0k0XLSHlDzztnTBHlqxU3b3e
bandit14@bandit:~$ cd /etc/bandit_pass$ echo '4wcYUJFw0k0XLSHlDzztnTBHlqxU3b3e' | nc localhost 30000
Correct!
BfMYroe26WYalll77FoDl9qh59eK5XNr
bandit14@bandit:~$ cd /etc/bandit_pass$
```