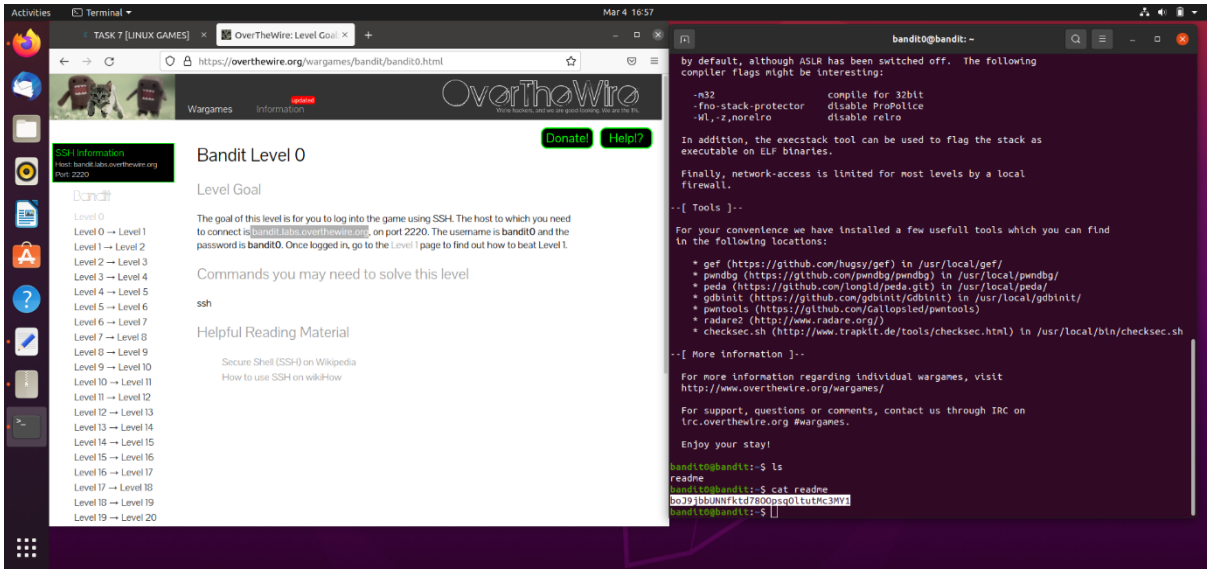
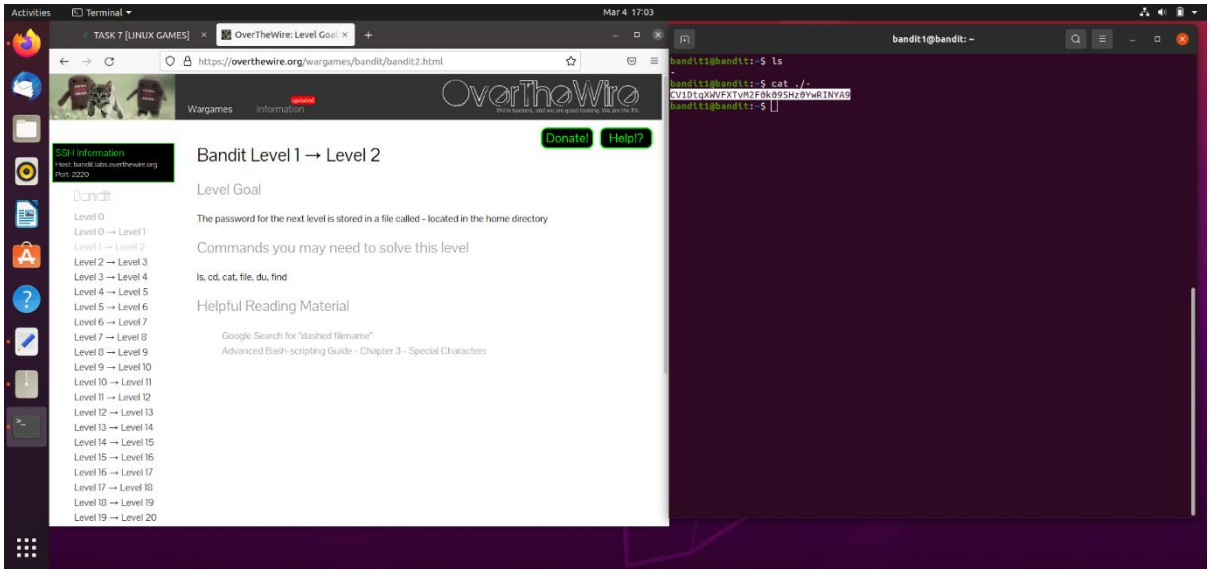
Cognizance

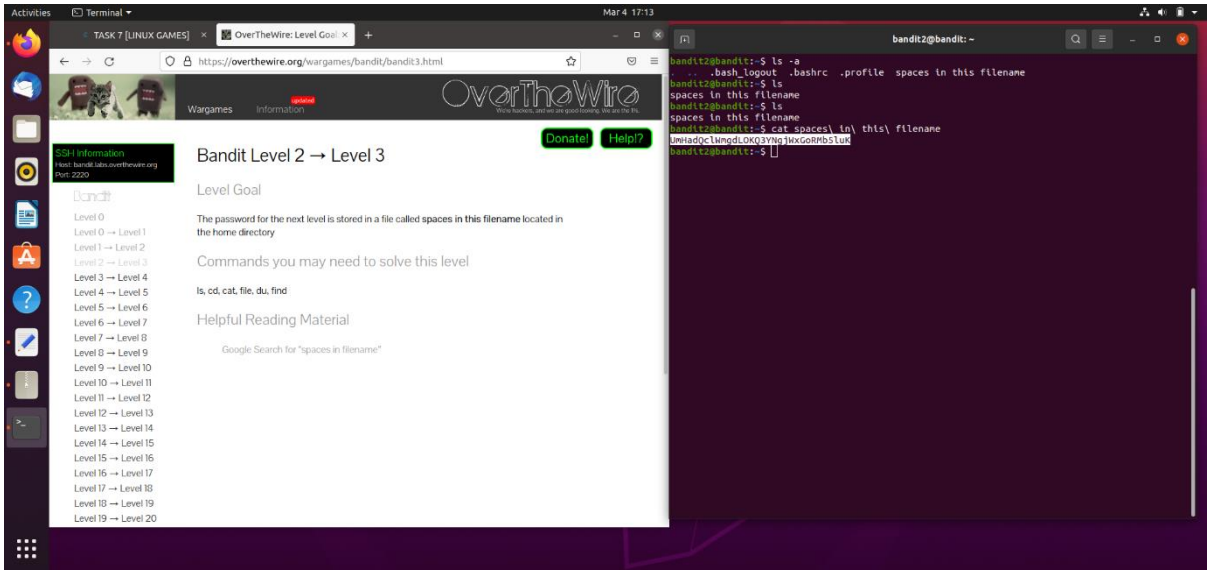
Level – 0 :-



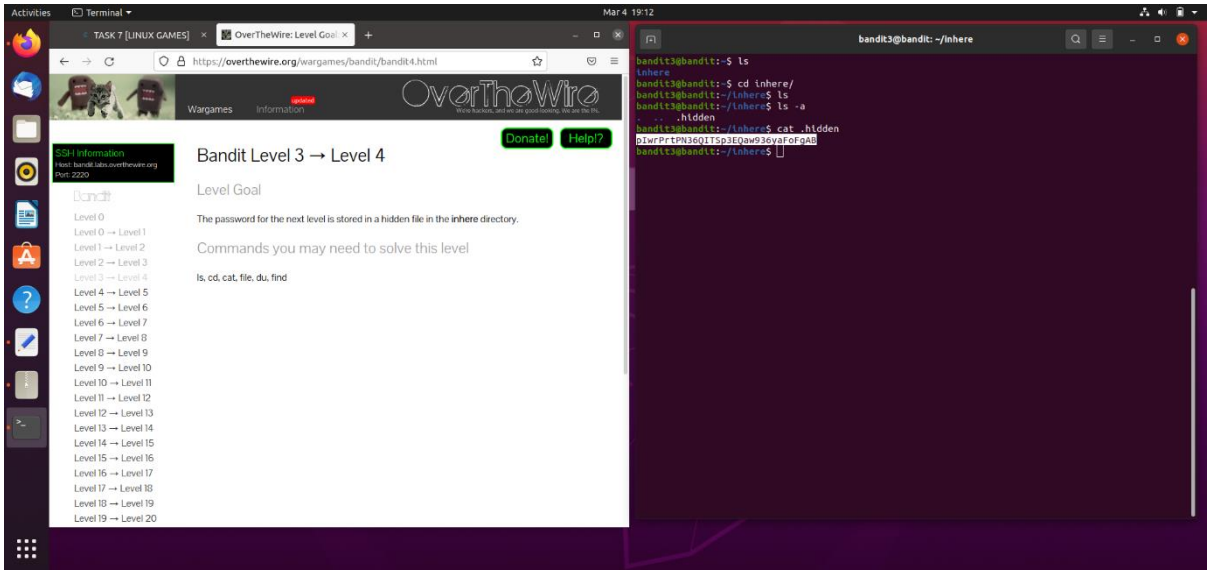
Level-1 :-



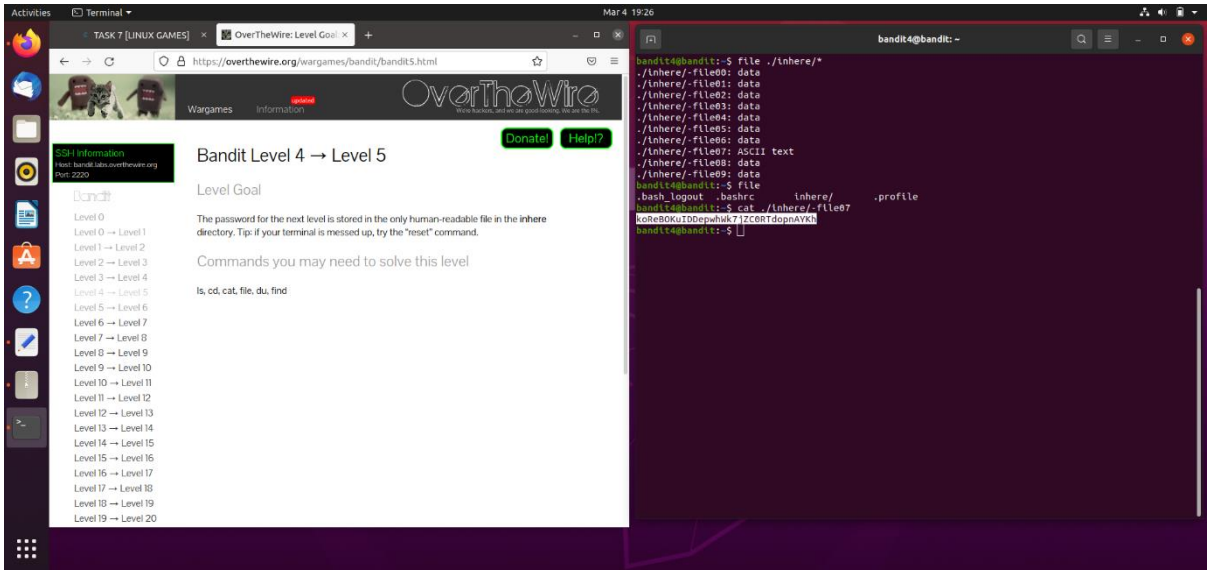
Level-2 :-



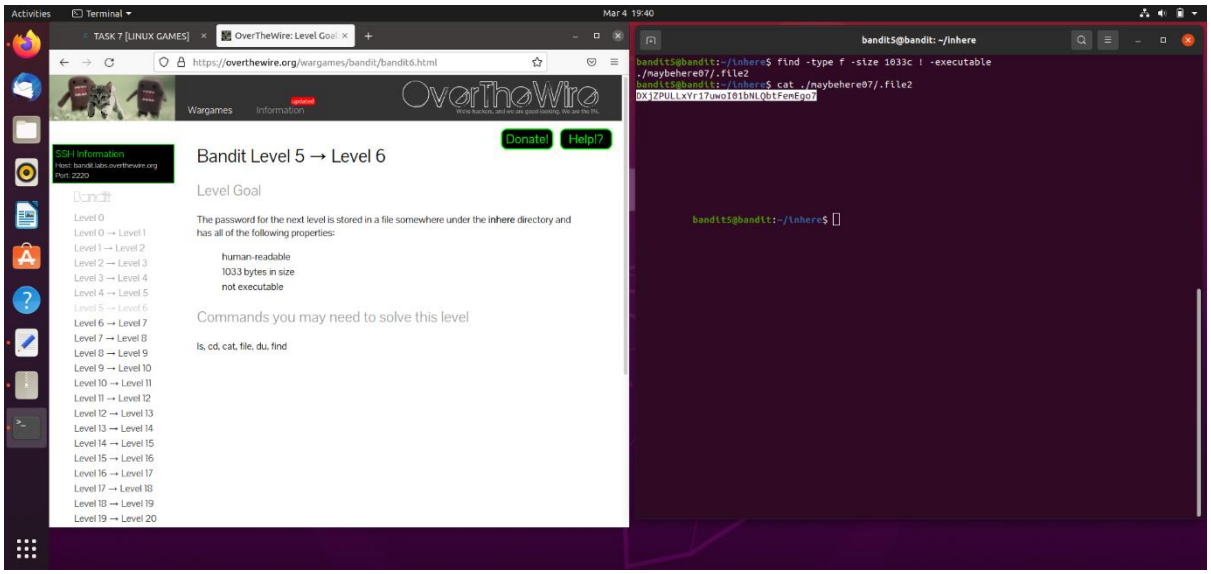
Level-3 :-



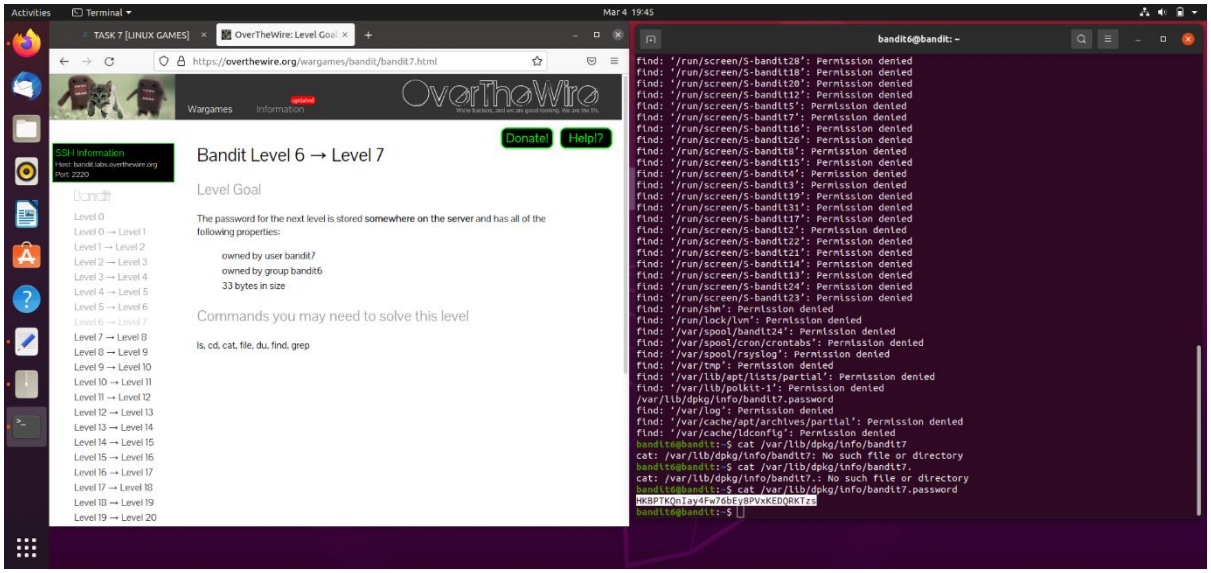
Level-4 :-



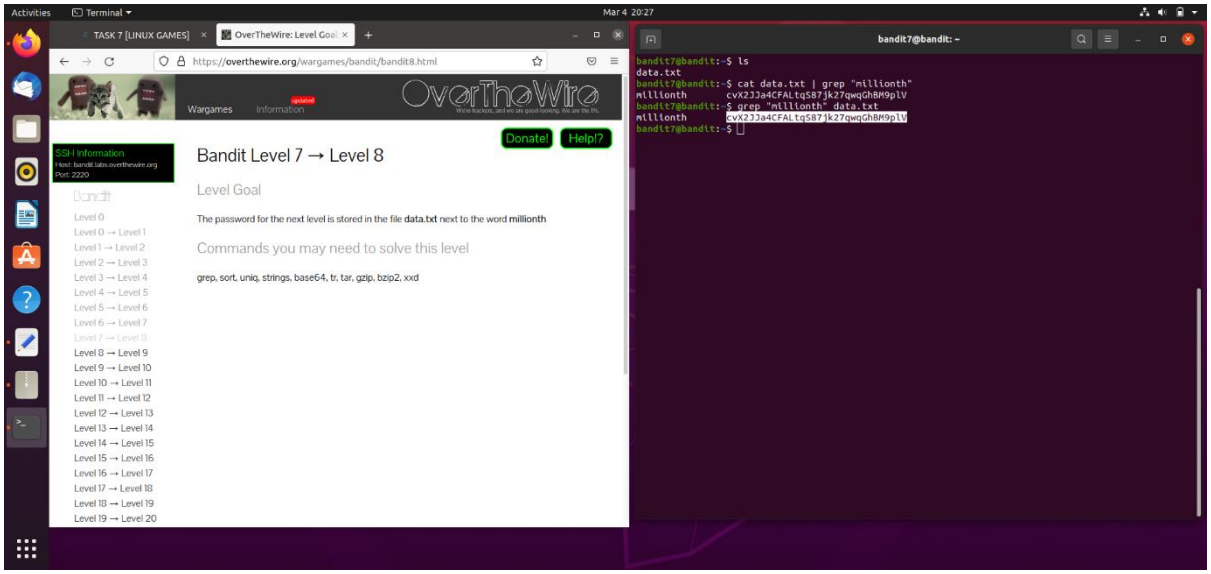
Level-5 :-



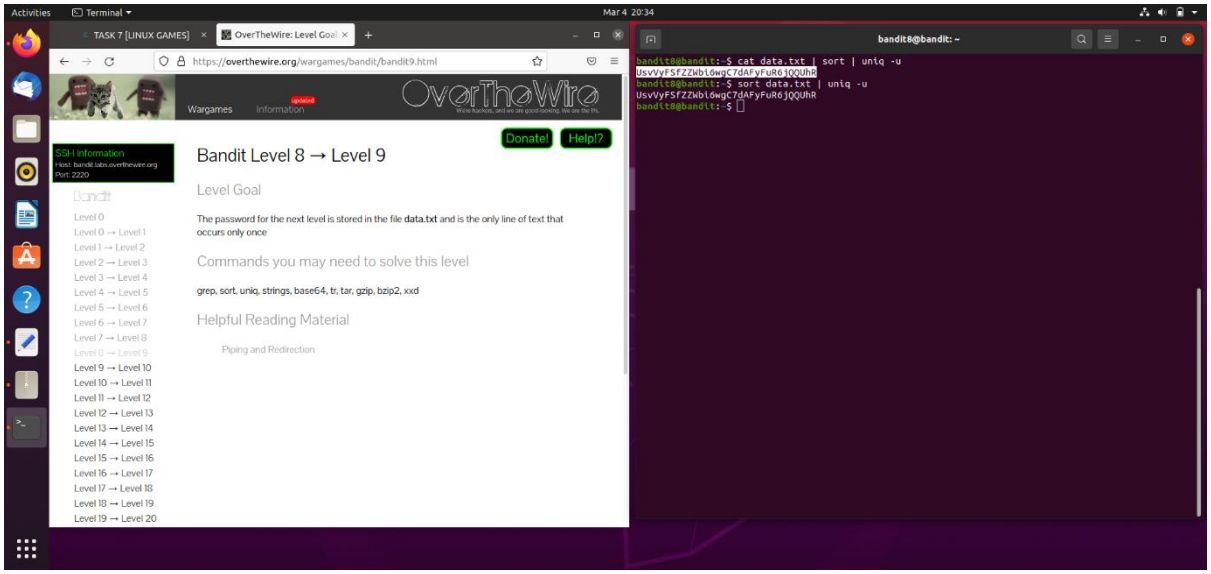
Level-6 :-



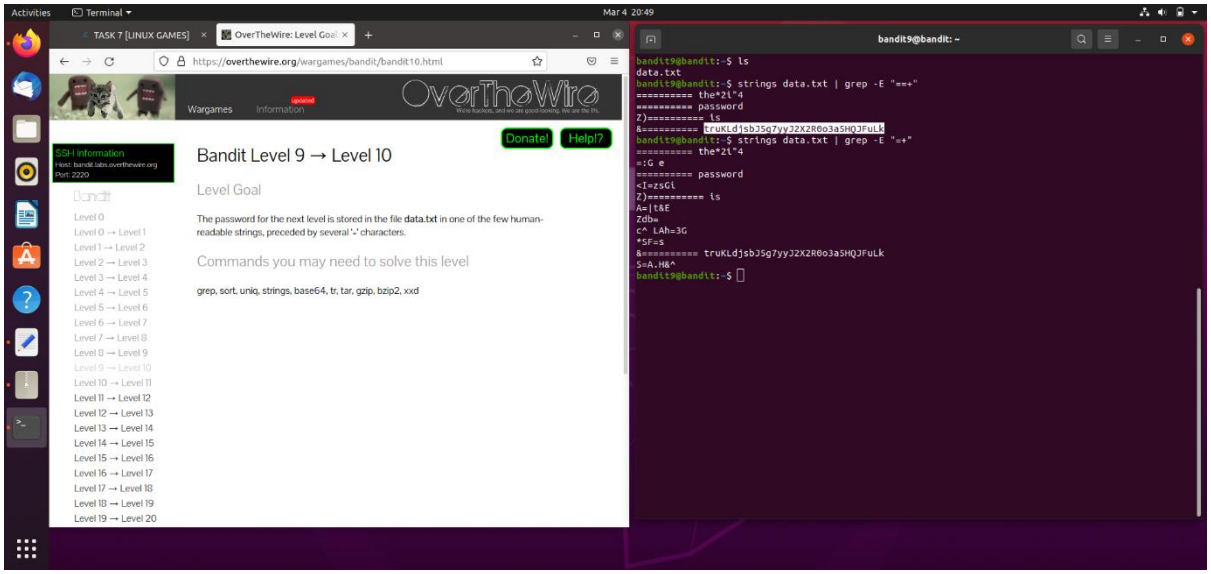
Level-7 :-



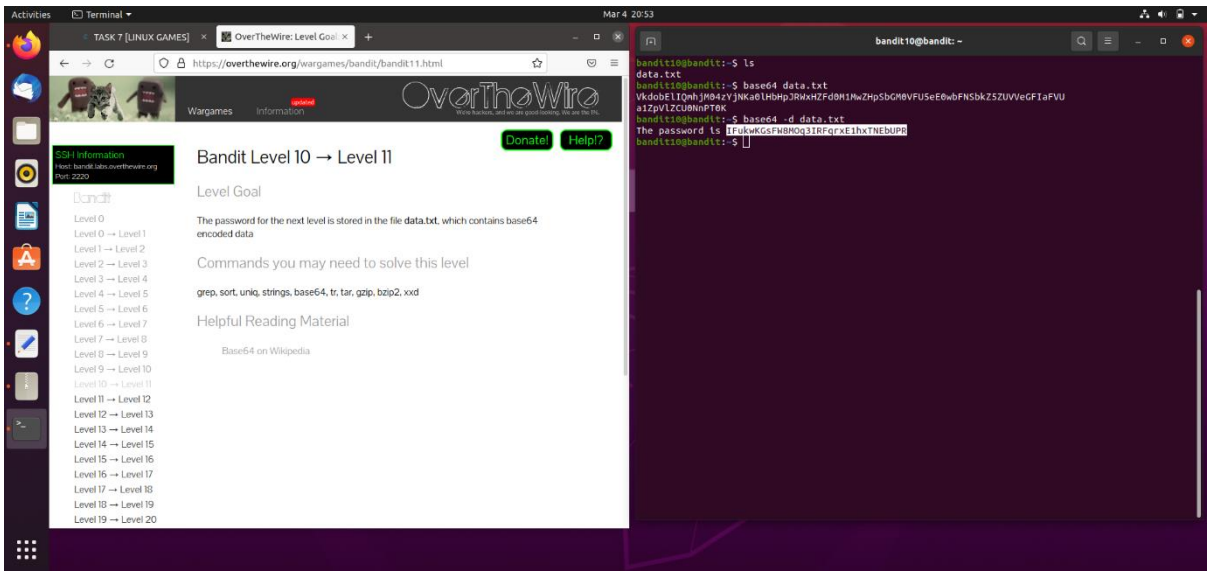
Level-8 :-



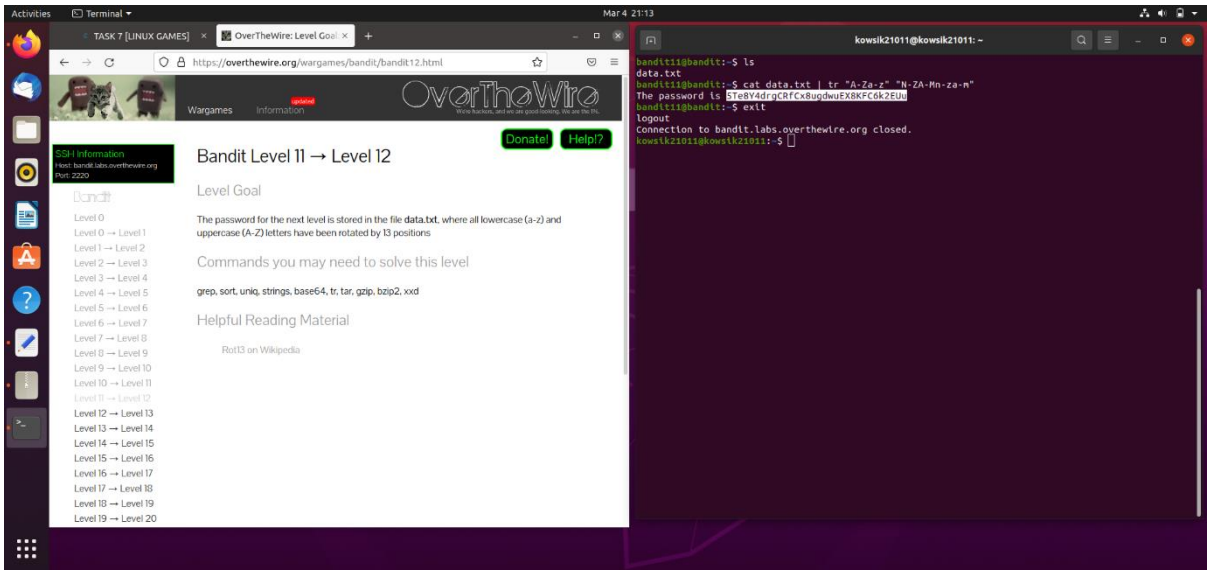
Level-9 :-



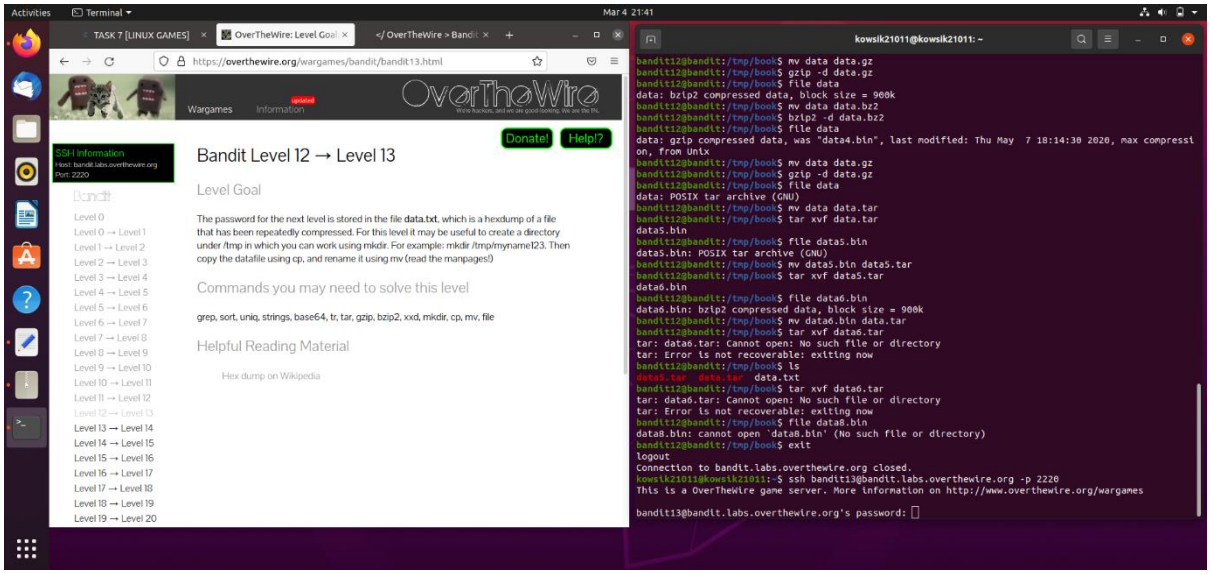
Level-10 :-



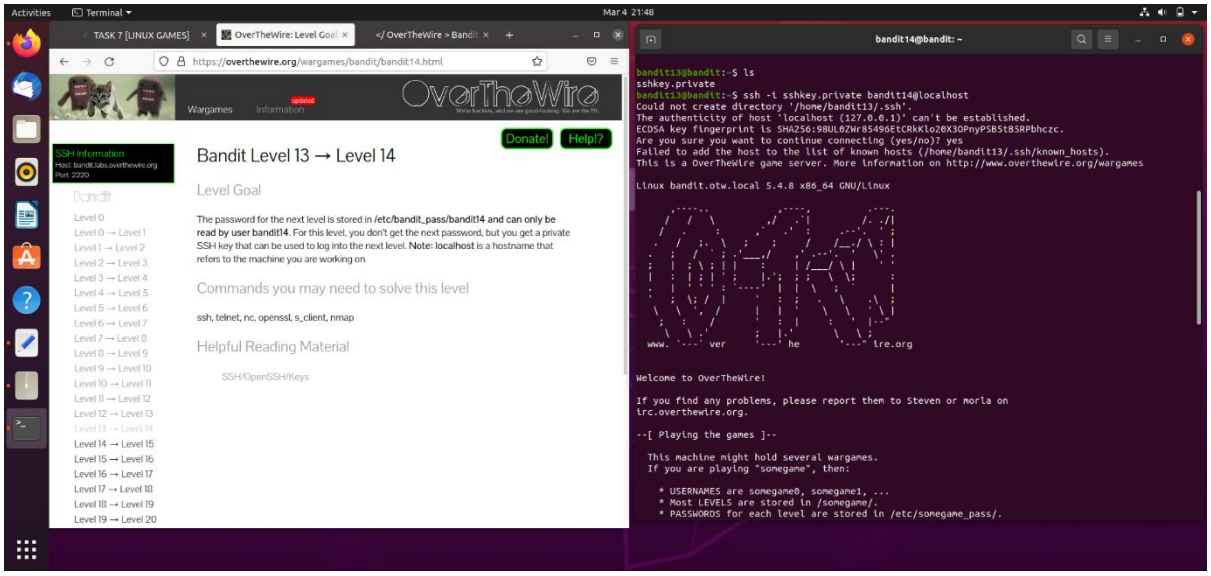
Level-11 :-

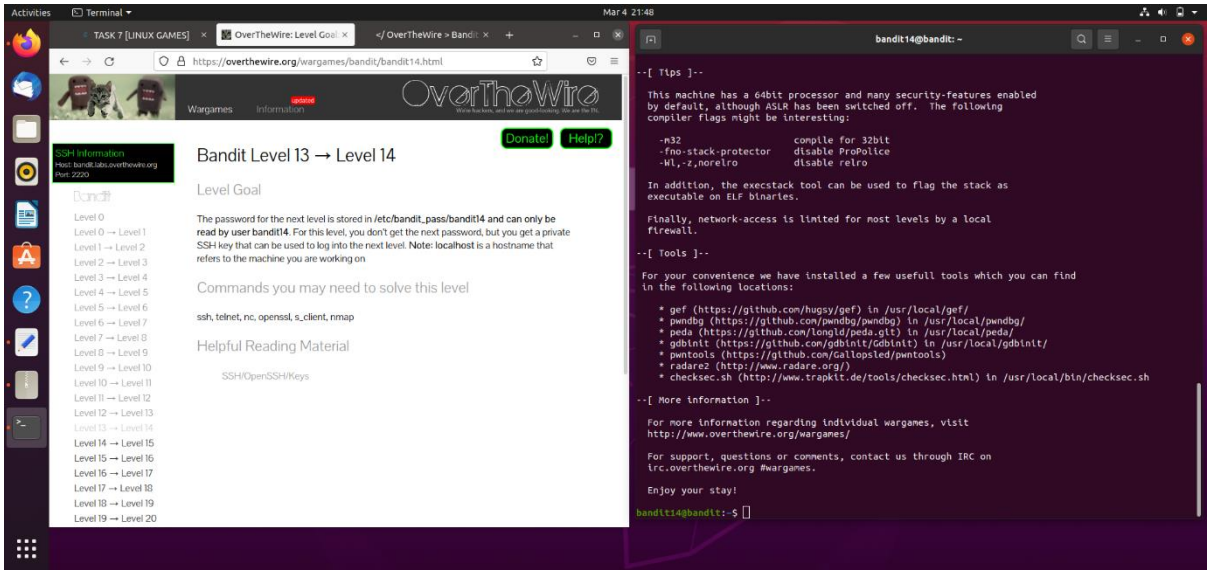


Level-12 :-

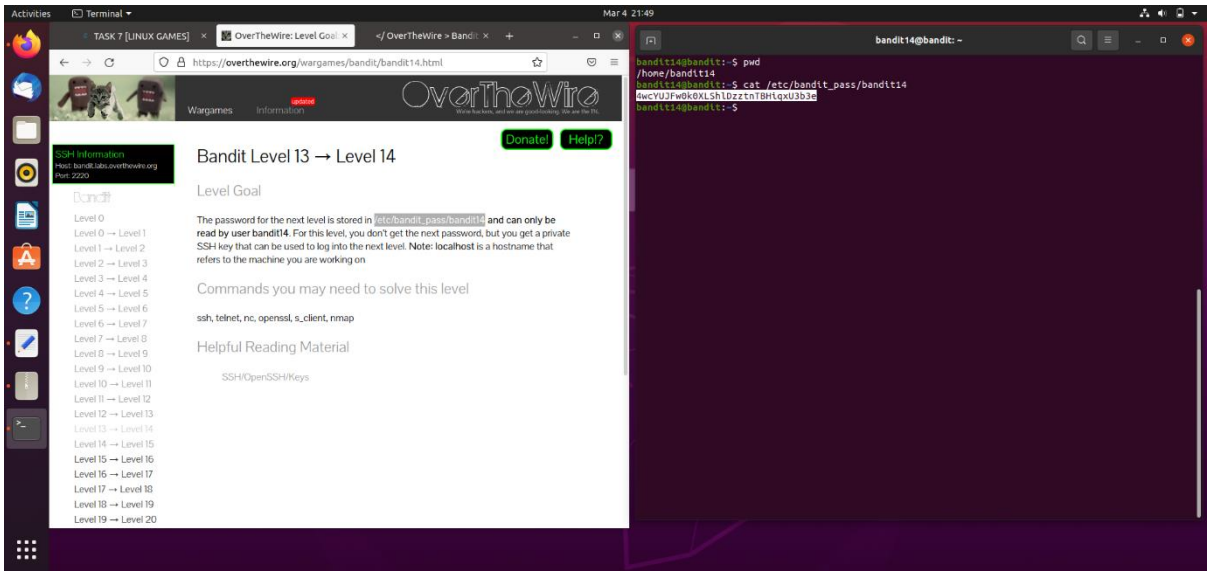


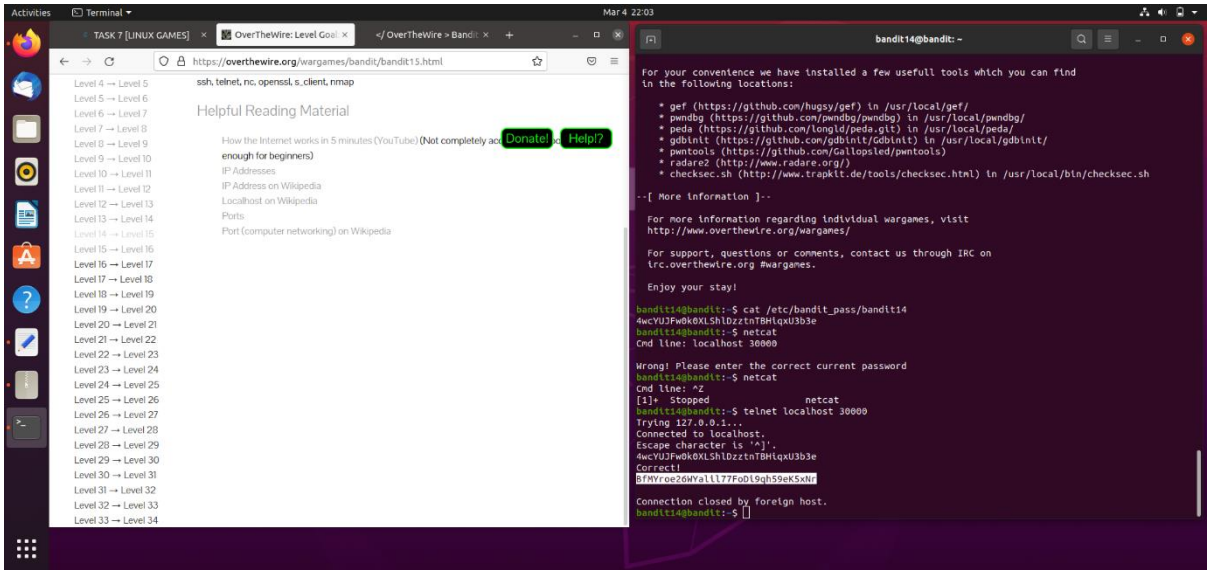
Level-13 :-



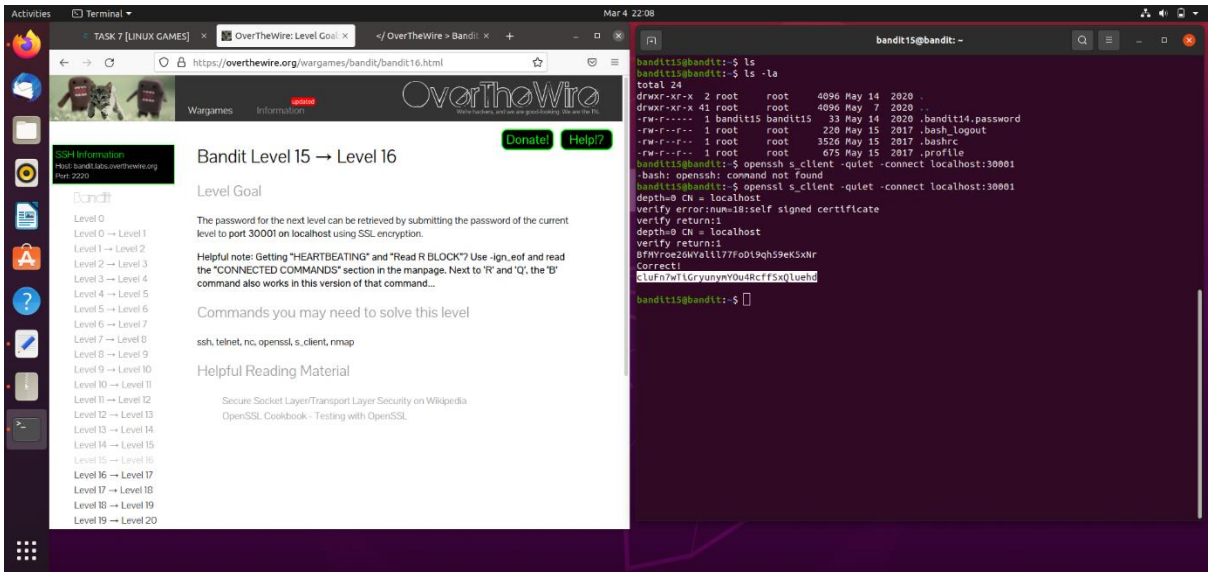

Activities
Terminal
Mar 4 21:48
TASK 7 [LINUX GAMES]
OverTheWire: Level Goal
</ OverTheWire > Bandit
https://overthewire.org/wargames/bandit/bandit14.html
Wargames
Information
OverTheWire
Donate!
Help!?
SSH Information
Host: bandit.labs.overthewire.org
Port: 2220
Bandit Level 13 → Level 14
Level Goal
The password for the next level is stored in /etc/bandit_pass/bandit14 and can only be read by user bandit14. For this level, you don't get the next password, but you get a private SSH key that can be used to log into the next level. Note: localhost is a hostname that refers to the machine you are working on
Commands you may need to solve this level
ssh, telnet, nc, openssl, s_client, nmap
Helpful Reading Material
SSH/OpenSSH/Keys
Level 0
Level 0 → Level 1
Level 1 → Level 2
Level 2 → Level 3
Level 3 → Level 4
Level 4 → Level 5
Level 5 → Level 6
Level 6 → Level 7
Level 7 → Level 8
Level 8 → Level 9
Level 9 → Level 10
Level 10 → Level 11
Level 11 → Level 12
Level 12 → Level 13
Level 13 → Level 14
Level 14 → Level 15
Level 15 → Level 16
Level 16 → Level 17
Level 17 → Level 18
Level 18 → Level 19
Level 19 → Level 20
bandit14@bandit: ~
--[Tips]--
This machine has a 64bit processor and many security-features enabled by default, although ASLR has been switched off. The following compiler flags might be interesting:
-m32 compile for 32bit
-fno-stack-protector disable ProPolice
-Wl,-z,norelro disable relro
In addition, the execstack tool can be used to flag the stack as executable on ELF binaries.
Finally, network-access is limited for most levels by a local firewall.
--[Tools]--
For your convenience we have installed a few usefull tools which you can find in the following locations:
* gef (https://github.com/hugsy/gef) in /usr/local/gef/
* pwndbg (https://github.com/pwndbg/pwndbg) in /usr/local/pwndbg/
* peda (https://github.com/longld/peda.git) in /usr/local/peda/
* gdbinit (https://github.com/gdbinit/Gdbinit) in /usr/local/gdbinit/
* pwntools (https://github.com/Gallopsled/pwntools)
* radare2 (http://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh
--[More information]--
For more information regarding individual wargames, visit http://www.overthewire.org/wargames/
For support, questions or comments, contact us through IRC on irc.overthewire.org #wargames.
Enjoy your stay!
bandit14@bandit:~$

Level-14 :-


Activities
Terminal
Mar 4 21:49
TASK 7 [LINUX GAMES]
OverTheWire: Level Goal
</ OverTheWire > Bandit
https://overthewire.org/wargames/bandit/bandit14.html
Wargames
Information
OverTheWire
Donate!
Help!?
SSH Information
Host: bandit.labs.overthewire.org
Port: 2220
Bandit Level 13 → Level 14
Level Goal
The password for the next level is stored in /etc/bandit_pass/bandit14 and can only be read by user bandit14. For this level, you don't get the next password, but you get a private SSH key that can be used to log into the next level. Note: localhost is a hostname that refers to the machine you are working on
Commands you may need to solve this level
ssh, telnet, nc, openssl, s_client, nmap
Helpful Reading Material
SSH/OpenSSH/Keys
Level 0
Level 0 → Level 1
Level 1 → Level 2
Level 2 → Level 3
Level 3 → Level 4
Level 4 → Level 5
Level 5 → Level 6
Level 6 → Level 7
Level 7 → Level 8
Level 8 → Level 9
Level 9 → Level 10
Level 10 → Level 11
Level 11 → Level 12
Level 12 → Level 13
Level 13 → Level 14
Level 14 → Level 15
Level 15 → Level 16
Level 16 → Level 17
Level 17 → Level 18
Level 18 → Level 19
Level 19 → Level 20
bandit14@bandit: ~
bandit14@bandit:~$ pwd
/home/bandit14
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLShlDzztnTBHiqxU3b3e
bandit14@bandit:~$


Activities
Terminal
Mar 4 22:03
TASK 7 [LINUX GAMES]
OverTheWire: Level Goal
</ OverTheWire > Bandit
https://overthewire.org/wargames/bandit/bandit15.html
ssh, telnet, nc, openssl, s_client, nmap
Helpful Reading Material
How the Internet works in 5 minutes (YouTube) (Not completely ac
enough for beginners)
IP Addresses
IP Address on Wikipedia
Localhost on Wikipedia
Ports
Port (computer networking) on Wikipedia
Donate!
Help!?
Level 4 → Level 5
Level 5 → Level 6
Level 6 → Level 7
Level 7 → Level 8
Level 8 → Level 9
Level 9 → Level 10
Level 10 → Level 11
Level 11 → Level 12
Level 12 → Level 13
Level 13 → Level 14
Level 14 → Level 15
Level 15 → Level 16
Level 16 → Level 17
Level 17 → Level 18
Level 18 → Level 19
Level 19 → Level 20
Level 20 → Level 21
Level 21 → Level 22
Level 22 → Level 23
Level 23 → Level 24
Level 24 → Level 25
Level 25 → Level 26
Level 26 → Level 27
Level 27 → Level 28
Level 28 → Level 29
Level 29 → Level 30
Level 30 → Level 31
Level 31 → Level 32
Level 32 → Level 33
Level 33 → Level 34
bandit14@bandit: ~
For your convenience we have installed a few usefull tools which you can find
in the following locations:
* gef (https://github.com/hugsy/gef) in /usr/local/gef/
* pwndbg (https://github.com/pwndbg/pwndbg) in /usr/local/pwndbg/
* peda (https://github.com/longld/peda.git) in /usr/local/peda/
* gdbinit (https://github.com/gdbinit/Gdbinit) in /usr/local/gdbinit/
* pwntools (https://github.com/Gallopsled/pwntools)
* radare2 (http://www.radare.org/)
* checksec.sh (http://www.trapkit.de/tools/checksec.html) in /usr/local/bin/checksec.sh
--[More information]--
For more information regarding individual wargames, visit
http://www.overthewire.org/wargames/
For support, questions or comments, contact us through IRC on
irc.overthewire.org #wargames.
Enjoy your stay!
bandit14@bandit:~$ cat /etc/bandit_pass/bandit14
4wcYUJFw0k0XLShlDzztnTBHlqxU3b3e
bandit14@bandit:~$ netcat
Cmd line: localhost 30000
Wrong! Please enter the correct current password
bandit14@bandit:~$ netcat
Cmd line: ^Z
[1]+ Stopped netcat
bandit14@bandit:~$ telnet localhost 30000
Trying 127.0.0.1...
Connected to localhost.
Escape character is '^]'.
4wcYUJFw0k0XLShlDzztnTBHlqxU3b3e
Correct!
BfMYroe26WYalil77FoDi9qh59eK5xNr
Connection closed by foreign host.
bandit14@bandit:~$

Level-15 :-


Activities
Terminal
Mar 4 22:08
TASK 7 [LINUX GAMES]
OverTheWire: Level Goal
</ OverTheWire > Bandit
https://overthewire.org/wargames/bandit/bandit16.html
Wargames
Information
OverTheWire
SSH Information
Host: bandit.labs.overthewire.org
Port: 2220
Donate!
Help!?
Bandit Level 15 → Level 16
Level Goal
The password for the next level can be retrieved by submitting the password of the current level to port 30001 on localhost using SSL encryption.
Helpful note: Getting "HEARTBEATING" and "Read R BLOCK"? Use -ign_eof and read the "CONNECTED COMMANDS" section in the manpage. Next to 'R' and 'Q', the 'B' command also works in this version of that command...
Commands you may need to solve this level
ssh, telnet, nc, openssl, s_client, nmap
Helpful Reading Material
Secure Socket Layer/Transport Layer Security on Wikipedia
OpenSSL Cookbook - Testing with OpenSSL
Level 0
Level 0 → Level 1
Level 1 → Level 2
Level 2 → Level 3
Level 3 → Level 4
Level 4 → Level 5
Level 5 → Level 6
Level 6 → Level 7
Level 7 → Level 8
Level 8 → Level 9
Level 9 → Level 10
Level 10 → Level 11
Level 11 → Level 12
Level 12 → Level 13
Level 13 → Level 14
Level 14 → Level 15
Level 15 → Level 16
Level 16 → Level 17
Level 17 → Level 18
Level 18 → Level 19
Level 19 → Level 20
bandit15@bandit: ~
bandit15@bandit:~$ ls
bandit15@bandit:~$ ls -la
total 24
drwxr-xr-x 2 root root 4096 May 14 2020 .
drwxr-xr-x 41 root root 4096 May 7 2020 ..
-rw-r----- 1 bandit15 bandit15 33 May 14 2020 .bandit14.password
-rw-r--r-- 1 root root 220 May 15 2017 .bash_logout
-rw-r--r-- 1 root root 3526 May 15 2017 .bashrc
-rw-r--r-- 1 root root 675 May 15 2017 .profile
bandit15@bandit:~$ openssh s_client -quiet -connect localhost:30001
-bash: openssh: command not found
bandit15@bandit:~$ openssl s_client -quiet -connect localhost:30001
depth=0 CN = localhost
verify error:num=18:self signed certificate
verify return:1
depth=0 CN = localhost
verify return:1
BfMYroe26WYalil77FoDi9qh59eK5xNr
Correct!
cluFn7wTiGryunymYOu4RcffSxQluehd
bandit15@bandit:~$