

OverTheWire: Bandit Level 0

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TASK

Level Goal

The goal of this level is for you to log into the game using SSH. The host to which you need to connect is `bandit.labs.overthewire.org`, on port 2220. The username is `bandit0` and the password is `bandit0`. Once logged in, go to the [Level 1](#) page to find out how to beat Level 1.

Commands you may need to solve this level

```
ssh
```

Information

Use ssh to login the server with the following information.

- Username: `bandit0`
- Password: `bandit0`
- Host: `bandit.labs.overthewire.org`
- Port: 2220

Basic Terms

- **SSH (The Secure Shell) Protocol**

Secure Shell is a network communication protocol that enables two computers to communicate and share data. An inherent feature of SSH is that the communication between the two computers is encrypted meaning that it is suitable for use on insecure networks.

To connect to a server open the terminal window and run the following command

```
ssh [username]@[host_ip_address]
```

If port is given we can use

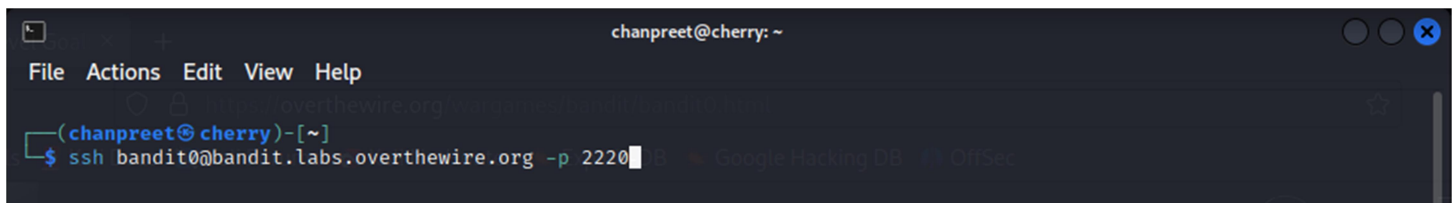
Either,

```
ssh [username]@[host_ip_address]:[port]
```

Or

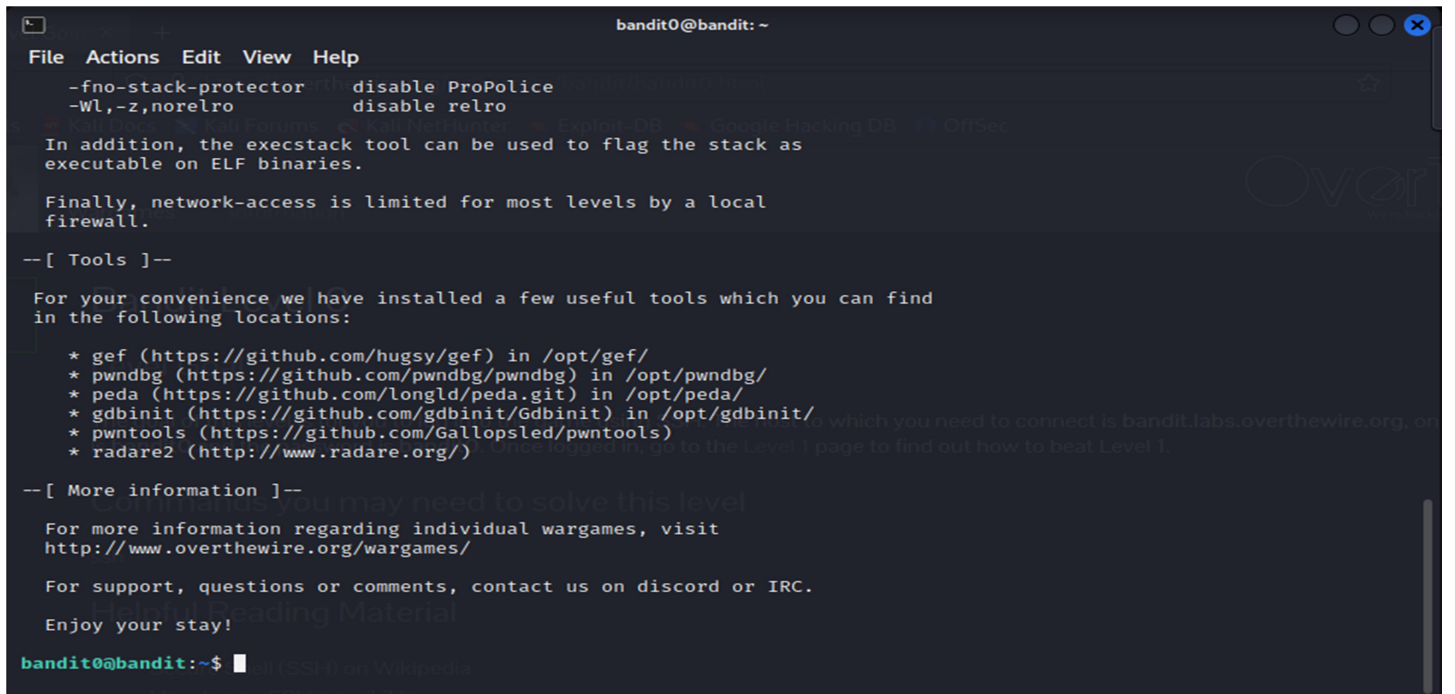
```
ssh [username]@[host_ip_address] -p [port]
```

Let's try it out



```
chanpreet@cherry: ~  
File Actions Edit View Help  
$ ssh bandit0@bandit.labs.overthewire.org -p 2220
```

Now Enter the Password : **bandit0**



```
bandit0@bandit: ~  
File Actions Edit View Help  
-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 useful tools which you can find  
in the following locations:  
  
* gef (https://github.com/hugsy/gef) in /opt/gef/  
* pwndbg (https://github.com/pwndbg/pwndbg) in /opt/pwndbg/  
* peda (https://github.com/longld/peda.git) in /opt/peda/  
* gdbinit (https://github.com/gdbinit/Gdbinit) in /opt/gdbinit/  
* pwntools (https://github.com/Gallopsled/pwntools)  
* radare2 (http://www.radare.org/)  
  
--[ More information ]--  
  
For more information regarding individual wargames, visit  
http://www.overthewire.org/wargames/  
  
For support, questions or comments, contact us on discord or IRC.  
  
Enjoy your stay!  
  
bandit0@bandit:~$
```

Congratulations!! You Have Successfully Logged in...