SSH Parameters	
Server:	bandit.labs.overthewire.org
Port:	2220

Website URLs	
Level 30—>31	OverTheWire: Level Goal: Bandit Level 30 → Level 31
Level 31—>32	OverTheWire: Level Goal: Bandit Level 31 → Level 32

Passwords		
Level	User Name	Password
Level 30—->31	bandit30	xbhV3HpNGlTIdnjUrdAlPzc2L6y9EOnS
Level 31—->32	bandit31	OoffzGDlzhAlerFJ2cAiz1D41JW1Mhmt

Wargames Information

OverTheWire

We're hackers, and we are good-looking. We are the 1%.

Donate! Help!?

SSH Information
Host: bandit.labs.overthewire.org
Port: 2220

Bandit

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

Bandit Level 30 → Level 31

Level Goal

There is a git repository at `ssh://bandit30-git@localhost/home/bandit30-git/repo` via the port 2220. The password for the user `bandit30-git` is the same as for the user `bandit30`.

Clone the repository and find the password for the next level.

Commands you may need to solve this level

`git`

```
bandit30@bandit:~$ ###############################################################################################################################
bandit30@bandit:~$ #Execution of id and whoami commands to determine level and user ID
bandit30@bandit:~$ ###############################################################################################################################
bandit30@bandit:~$
bandit30@bandit:~$ id && whoami
uid=11030(bandit30) gid=11030(bandit30) groups=11030(bandit30)
bandit30
bandit30@bandit:~$
bandit30@bandit:~$
bandit30@bandit:~$ ###############################################################################################################################
bandit30@bandit:~$ #Execution of Present Working Directory (pwd) and ls -la commands.  The -l option/switch outputs metadata of files and directories.  The -a option/switch outputs hidden files and directories
which are demarked with a period at the onset of their titles.
bandit30@bandit:~$ ###############################################################################################################################
bandit30@bandit:~$
bandit30@bandit:~$ pwd
/home/bandit30
bandit30@bandit:~$
bandit30@bandit:~$ ls -la
total 20
drwxr-xr-x  2 root root 4096 Apr 23 18:04 .
drwxr-xr-x 70 root root 4096 Apr 23 18:05 ..
-rw-r--r--  1 root root  220 Jan  6  2022 .bash_logout
-rw-r--r--  1 root root 3771 Jan  6  2022 .bashrc
-rw-r--r--  1 root root  807 Jan  6  2022 .profile
bandit30@bandit:~$
```

```
bandit30@bandit:~$ ###############################################################################################################################
bandit30@bandit:~$ #Navigate to the /tmp directory via the cd /tmp command.  Utilize the mkdir command, create a directory titled HG_30_31 and navigate to it with the cd HG_30_31 command.  Run the pwd command
to verify the navigation to the HG_30_31 directory.  Clone the git repository, at ssh://bandit30-git@localhost:2220/home/bandit30-git/repo.  This repo will be written to /tmp/HG_30_31 directory.  Create a back
up directory, via the mkdir -v backup command, and backup the repo directory via cp -R repo/ backup.
bandit30@bandit:~$ ###############################################################################################################################
bandit30@bandit:~$
bandit30@bandit:~$ cd /tmp && mkdir -v HG_30_31 && cd HG_30_31 && pwd
mkdir: created directory 'HG_30_31'
/tmp/HG_30_31
bandit30@bandit:/tmp/HG_30_31$
bandit30@bandit:/tmp/HG_30_31$ git clone ssh://bandit30-git@localhost:2220/home/bandit30-git/repo
Cloning into 'repo'...
The authenticity of host '[localhost]:2220 ([127.0.0.1]:2220)' can't be established.
ED25519 key fingerprint is SHA256:C2ihUBV7ihnV1wUXRb4RrEcLfXC5CXlhmAAM/urerLY.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Could not create directory '/home/bandit30/.ssh' (Permission denied).
Failed to add the host to the list of known hosts (/home/bandit30/.ssh/known_hosts).

          _                  _____ _
         | |__   __ _ _ __  |_   _| |
         | '_ \ / _` | '_ \   | | | |__
         | |_) | (_| | | | |  | | |  __|
         |_.__/ \__,_|_| |_|  |_|  \__|


             This is an OverTheWire game server.
        More information on http://www.overthewire.org/wargames

bandit30-git@localhost's password:
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (4/4), done.
bandit30@bandit:/tmp/HG_30_31$ mkdir -v backup
mkdir: created directory 'backup'
bandit30@bandit:/tmp/HG_30_31$
bandit30@bandit:/tmp/HG_30_31$ cp -R repo/ backup/
```

```
bandit30@bandit:/tmp/HG_30_31$ ###############################################################################################################################
bandit30@bandit:/tmp/HG_30_31$ #Execute the ls -la command to view the contents of the /tmp/HG_30_31 directory.  The -l option/switch outputs the data in list format and includes file/directory metadata the -a
 option/switch outputs hidden files [which are preceeded with a period [.]].  Navigate to the repo directory via the cd repo directory command.  Execute the ls -la command to view the contents of the repo dire
ctory.  Utilize the cat command to view any file[s] in the working directory [i.e. README.md].
bandit30@bandit:/tmp/HG_30_31$ ###############################################################################################################################
bandit30@bandit:/tmp/HG_30_31$
bandit30@bandit:/tmp/HG_30_31$ ls -la
total 10568
drwxrwxr-x    4 bandit30 bandit30     4096 Sep 20 09:37 .
drwxrwx-wt 1972 root     root     10801152 Sep 20 09:49 ..
drwxrwxr-x    3 bandit30 bandit30     4096 Sep 20 09:37 backup
drwxrwxr-x    3 bandit30 bandit30     4096 Sep 20 09:36 repo
bandit30@bandit:/tmp/HG_30_31$
bandit30@bandit:/tmp/HG_30_31$ cd repo/
bandit30@bandit:/tmp/HG_30_31/repo$ ls -la
total 16
drwxrwxr-x 3 bandit30 bandit30 4096 Sep 20 09:36 .
drwxrwxr-x 4 bandit30 bandit30 4096 Sep 20 09:37 ..
drwxrwxr-x 8 bandit30 bandit30 4096 Sep 20 09:36 .git
-rw-rw-r-- 1 bandit30 bandit30   30 Sep 20 09:36 README.md
bandit30@bandit:/tmp/HG_30_31/repo$ cat README.md
just an empty file... muahaha
bandit30@bandit:/tmp/HG_30_31/repo$
```

****

Level 31 —> Level 32 Password

****

OoffzGDlzhAlerFJ2cAiz1D41JW1Mhmt