

Bandit Level 21 - Level 22

- Log into bandit 26 from bandit 25. The shell for user bandit26 is not /bin/bash.

Upon logging in, lets see what files we have in the bandit25 directory.

```
bandit25@bandit:~$ ls
bandit26.sshkey
```

We have a sshkey which we can use to login, lets give it a go!

```
bandit25@bandit:~$ ssh bandit26@localhost -p 2220 -i bandit26.sshkey
```

However after its outputed the usual info, the closes the connection.

```
Connection to localhost closed.
bandit25@bandit:~$
```

Lets investigate further. There is a file on the system that contains information about user accounts. Lets retrieve information on bandit26.

```
cat /etc/passwd | grep bandit26
bandit26:x:11026:11026:bandit level 26:/home/bandit26:/usr/bin/showtext
```

There is a file called showtext, lets cat that to the screen.

```
bandit25@bandit:~$ cat /usr/bin/showtext
#!/bin/sh

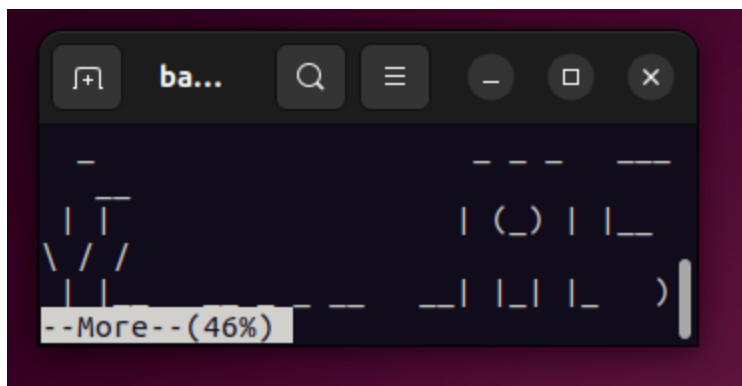
export TERM=linux

exec more ~/text.txt
exit 0
```

Its a script that outputs the contents on text.txt and then exits. One thing to notice is the more command, if we have a large amounts of data, using the more command can make it easier to read, but allowing the user to view one page at a time. However when we try and ssh into

bandit26, all information is displayed at once and we exit. A way round this is to simply make the terminal smaller! Like as small as possible, then that will restrict the amount of data it can output to the screen.

Lets SSH into bandit26 again with the sshkey, type yes and depending on the size of your window, it will look something like this. Ultimately the More program is running and is currently at 46%, if it was to reach 100%, it would exit.



Interestingly we can execute commands this subshell. If we press 'v', we can enter a text editor. We can set the shell to use bash instead of sh

```
:set shell=/bin/bash
```

Remember to enter the semi colon first to be able to set the shell to bash.

Then enter semi colon, followed by shell and we get to the bandit26 prompt.

```
:shell  
bandit26@bandit:~$
```

We are in bandit26, do not exit until completing level 26 - level 27.