**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

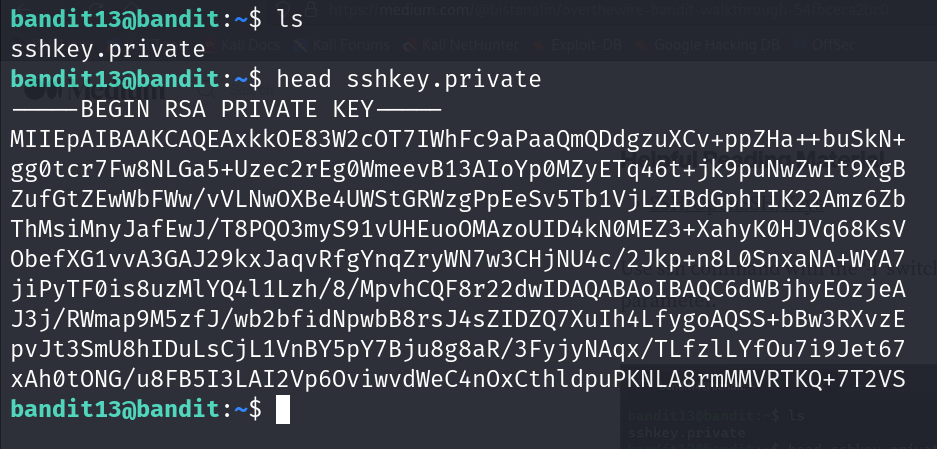
$ ls

sshkey.private

$ head sshkey.private

$ ssh -i sshkey.private bandit14@bandit.labs.overthewire.org -p 2220

**SCREENSHOTS:**

****

# Bandit Level 14 → Level 15

## Level Goal: The password for the next level can be retrieved by submitting the password of the current level to ****port 30000 on localhost****.

## Commands you may need to solve this level

ssh, telnet, nc, openssl, s\_client, nmap

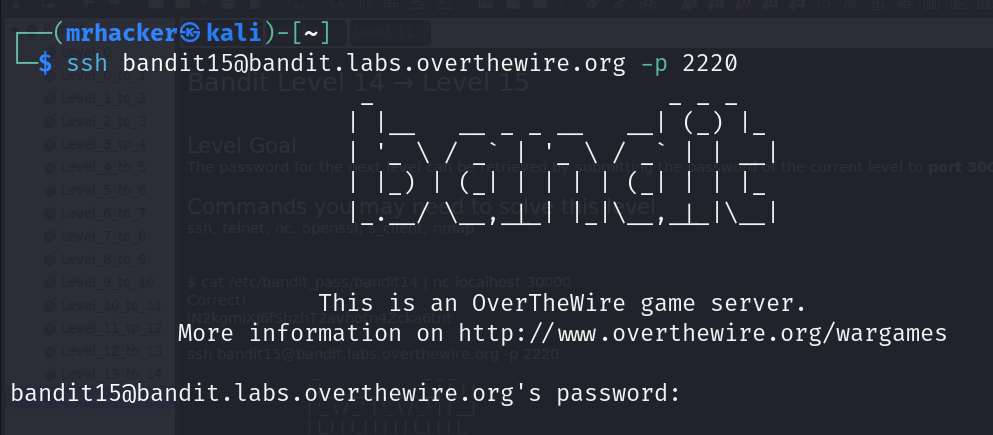
$ cat /etc/bandit\_pass/bandit14 | nc localhost 30000

Correct!

**jN2kgmIXJ6fShzhT2avhotn4Zcka6tnt**

$ssh bandit15@bandit.labs.overthewire.org -p 2220

**SCREENSHOTS:**



# 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

$ openssl s\_client -connect localhost:30001

read R BLOCK

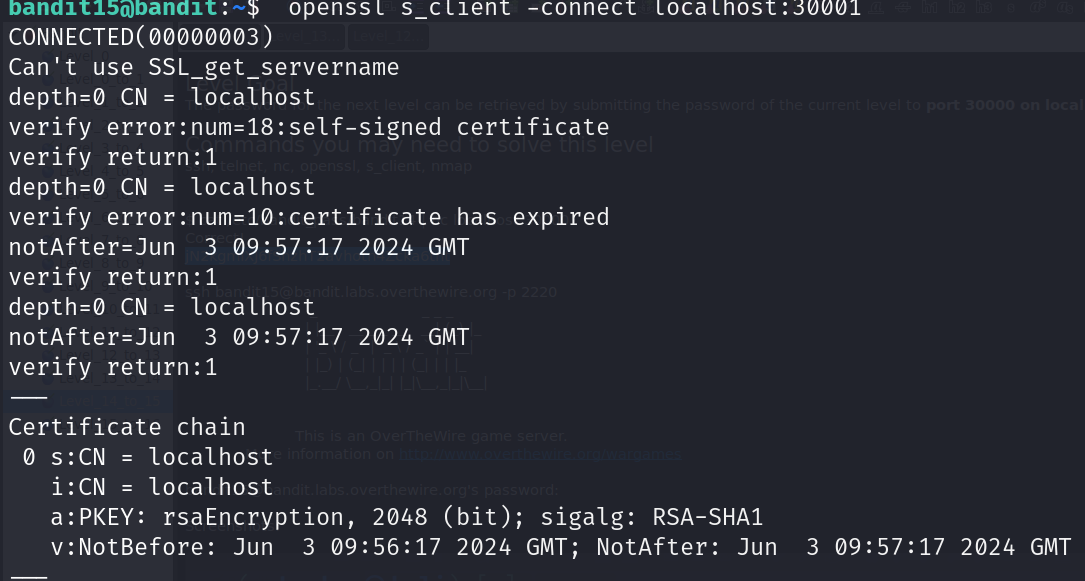
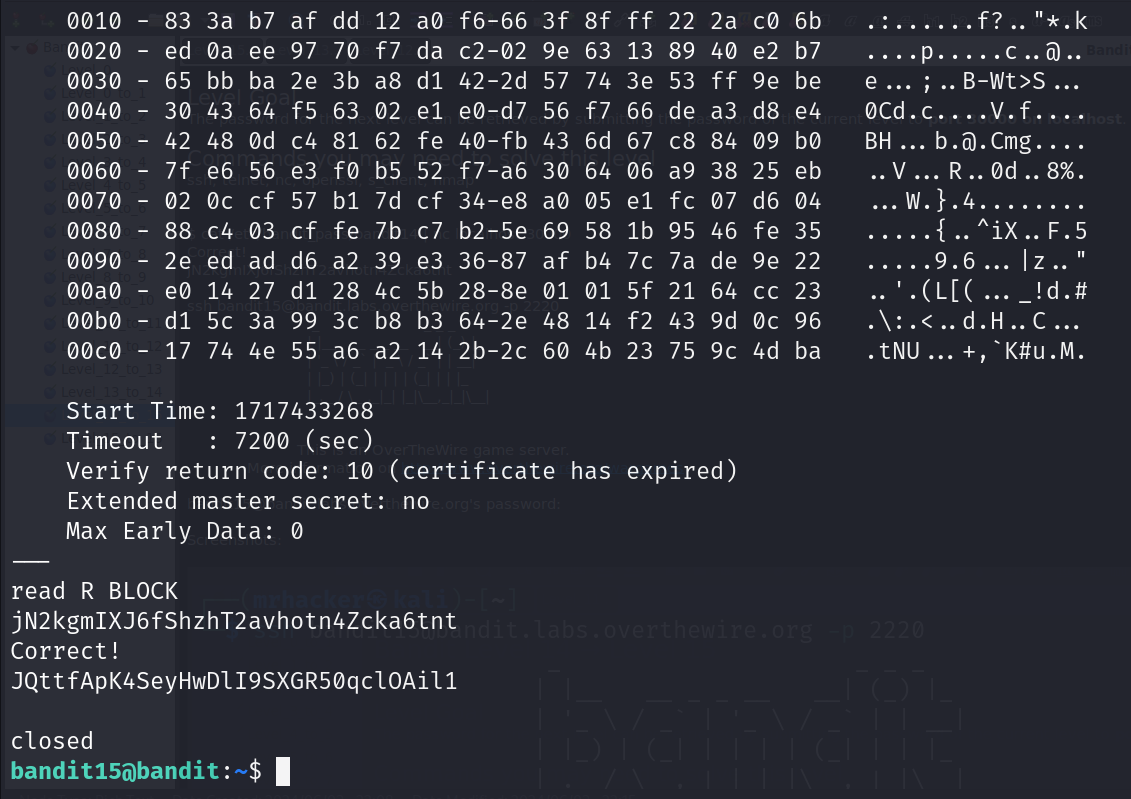
jN2kgmIXJ6fShzhT2avhotn4Zcka6tnt

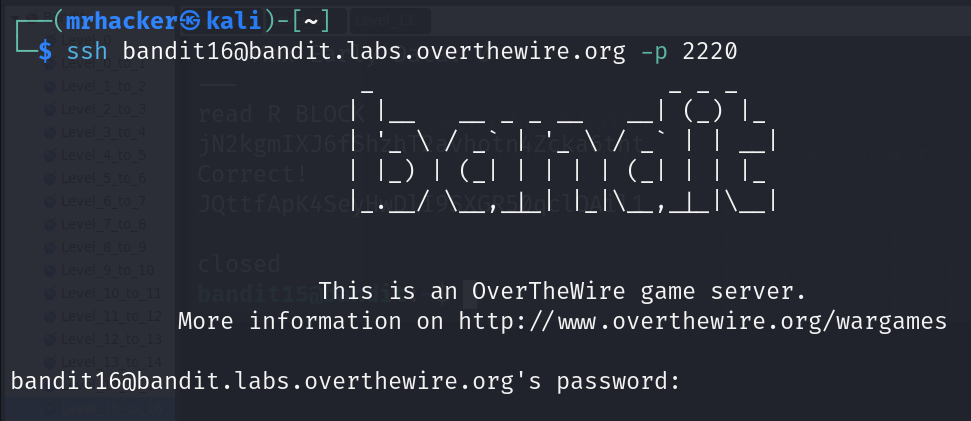
Correct!

JQttfApK4SeyHwDlI9SXGR50qclOAil1

$ssh bandit16@bandit.labs.overthewire.org -p 2220

**SCREENSHOTS:**





# Bandit Level 16 → Level 17

## Level Goal: The credentials for the next level can be retrieved by submitting the password of the current level to ****a port on localhost in the range 31000 to 32000****. First find out which of these ports have a server listening on them. Then find out which of those speak SSL and which don’t. There is only 1 server that will give the next credentials, the others will simply send back to you whatever you send to it.

## Commands you may need to solve this level

ssh, telnet, nc, openssl, s\_client, nmap

$ nmap -p 31000-32000 localhost

Starting Nmap 7.80 ( <https://nmap.org> ) at 2024-06-03 16:53 UTC

Nmap scan report for localhost (127.0.0.1)

Host is up (0.00016s latency).

Not shown: 996 closed ports

PORT STATE SERVICE

31046/tcp open unknown

31518/tcp open unknown

31691/tcp open unknown

31790/tcp open unknown

31960/tcp open unknown

-----BEGIN RSA PRIVATE KEY-----

MIIEogIBAAKCAQEAvmOkuifmMg6HL2YPIOjon6iWfbp7c3jx34YkYWqUH57SUdyJ

imZzeyGC0gtZPGujUSxiJSWI/oTqexh+cAMTSMlOJf7+BrJObArnxd9Y7YT2bRPQ

Ja6Lzb558YW3FZl87ORiO+rW4LCDCNd2lUvLE/GL2GWyuKN0K5iCd5TbtJzEkQTu

DSt2mcNn4rhAL+JFr56o4T6z8WWAW18BR6yGrMq7Q/kALHYW3OekePQAzL0VUYbW

JGTi65CxbCnzc/w4+mqQyvmzpWtMAzJTzAzQxNbkR2MBGySxDLrjg0LWN6sK7wNX

x0YVztz/zbIkPjfkU1jHS+9EbVNj+D1XFOJuaQIDAQABAoIBABagpxpM1aoLWfvD

KHcj10nqcoBc4oE11aFYQwik7xfW+24pRNuDE6SFthOar69jp5RlLwD1NhPx3iBl

J9nOM8OJ0VToum43UOS8YxF8WwhXriYGnc1sskbwpXOUDc9uX4+UESzH22P29ovd

d8WErY0gPxun8pbJLmxkAtWNhpMvfe0050vk9TL5wqbu9AlbssgTcCXkMQnPw9nC

YNN6DDP2lbcBrvgT9YCNL6C+ZKufD52yOQ9qOkwFTEQpjtF4uNtJom+asvlpmS8A

vLY9r60wYSvmZhNqBUrj7lyCtXMIu1kkd4w7F77k+DjHoAXyxcUp1DGL51sOmama

+TOWWgECgYEA8JtPxP0GRJ+IQkX262jM3dEIkza8ky5moIwUqYdsx0NxHgRRhORT

8c8hAuRBb2G82so8vUHk/fur85OEfc9TncnCY2crpoqsghifKLxrLgtT+qDpfZnx

SatLdt8GfQ85yA7hnWWJ2MxF3NaeSDm75Lsm+tBbAiyc9P2jGRNtMSkCgYEAypHd

HCctNi/FwjulhttFx/rHYKhLidZDFYeiE/v45bN4yFm8x7R/b0iE7KaszX+Exdvt

SghaTdcG0Knyw1bpJVyusavPzpaJMjdJ6tcFhVAbAjm7enCIvGCSx+X3l5SiWg0A

R57hJglezIiVjv3aGwHwvlZvtszK6zV6oXFAu0ECgYAbjo46T4hyP5tJi93V5HDi

Ttiek7xRVxUl+iU7rWkGAXFpMLFteQEsRr7PJ/lemmEY5eTDAFMLy9FL2m9oQWCg

R8VdwSk8r9FGLS+9aKcV5PI/WEKlwgXinB3OhYimtiG2Cg5JCqIZFHxD6MjEGOiu

L8ktHMPvodBwNsSBULpG0QKBgBAplTfC1HOnWiMGOU3KPwYWt0O6CdTkmJOmL8Ni

blh9elyZ9FsGxsgtRBXRsqXuz7wtsQAgLHxbdLq/ZJQ7YfzOKU4ZxEnabvXnvWkU

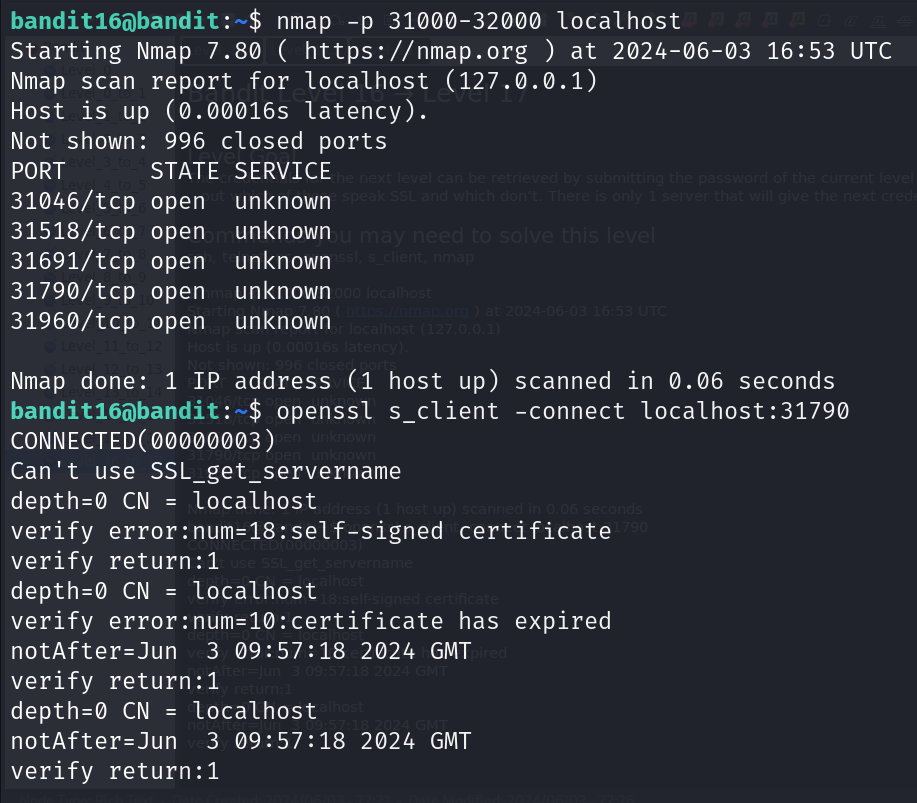
YOdjHdSOoKvDQNWu6ucyLRAWFuISeXw9a/9p7ftpxm0TSgyvmfLF2MIAEwyzRqaM

77pBAoGAMmjmIJdjp+Ez8duyn3ieo36yrttF5NSsJLAbxFpdlc1gvtGCWW+9Cq0b

dxviW8+TFVEBl1O4f7HVm6EpTscdDxU+bCXWkfjuRb7Dy9GOtt9JPsX8MBTakzh3

vBgsyi/sN3RqRBcGU40fOoZyfAMT8s1m/uYv52O6IgeuZ/ujbjY=

-----END RSA PRIVATE KEY-----

**SCREENSHOTS:**

