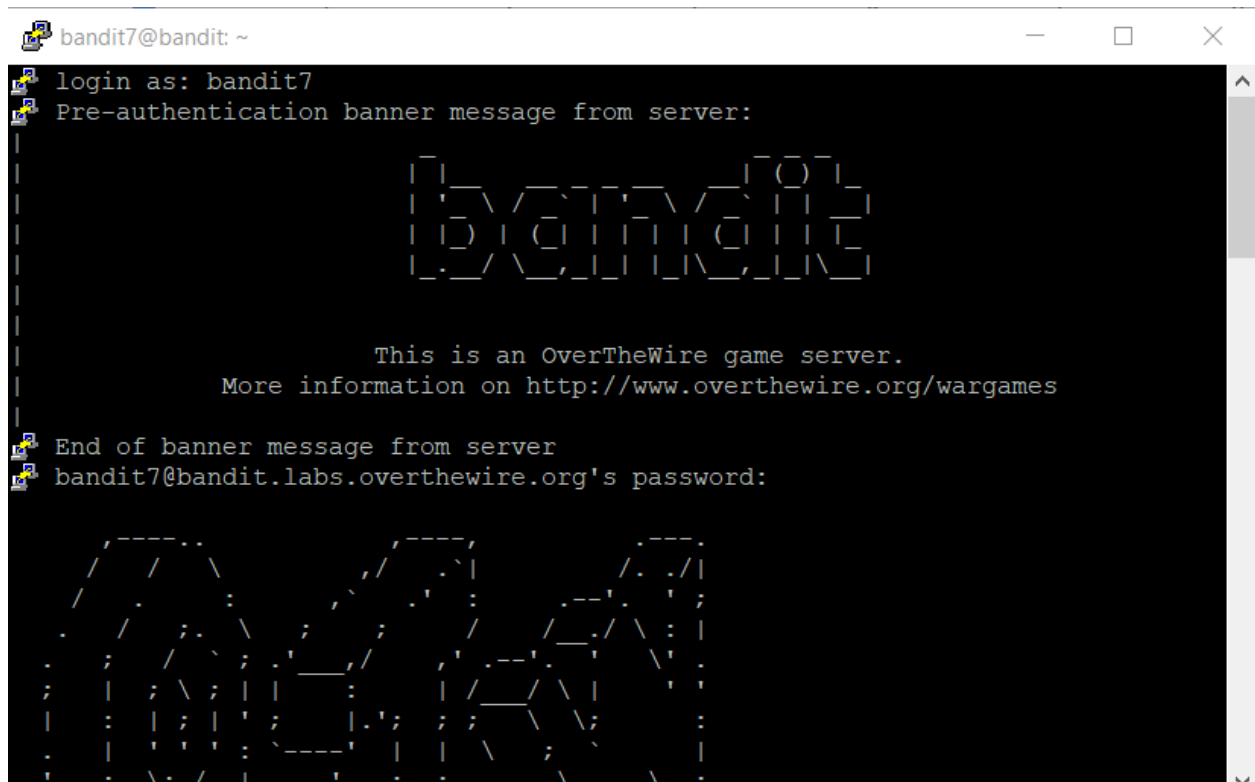


## Bandit OTW Walkthrough Write-Up

### Level : 7 → 8

**Challenge:** The password for the next level is stored in the file `data.txt` next to the word `millionth`

**Step 1:** Make sure you used the password from the previous level ( Level 6 → 7 ) to login to bandit7.



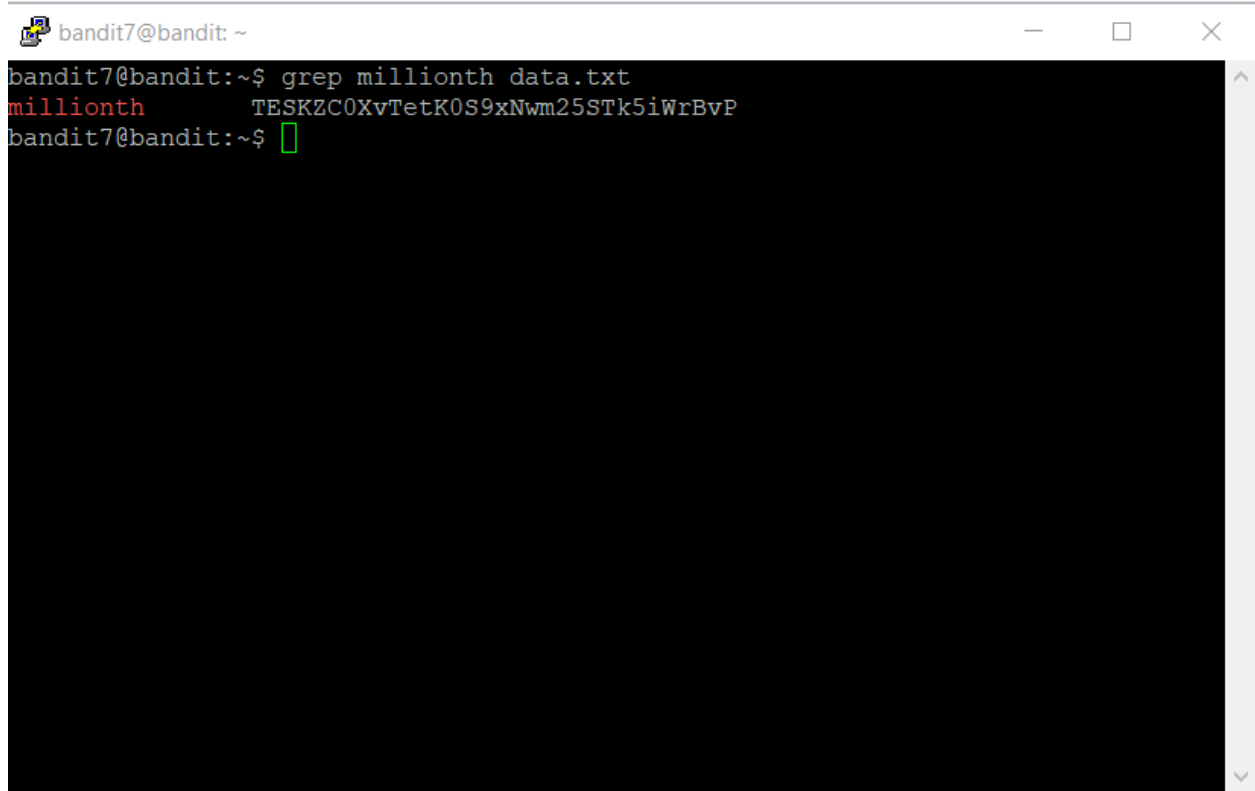
```
bandit7@bandit: ~  
login as: bandit7  
Pre-authentication banner message from server:  
  
bandit  
  
This is an OverTheWire game server.  
More information on http://www.overthewire.org/wargames  
End of banner message from server  
bandit7@bandit.labs.overthewire.org's password:
```

**Step 2:** Firstly, I used the `pwd` command to print which directory I was currently in once logged in. Then I used `ls` command to list the files in my current directory, there was only 1 file called `data.txt`. Afterwards, I used the `cat` command to read the contents in the file but it was cluttered with random words inside.

```
bandit7@bandit: ~  
bandit7@bandit:~$ pwd  
/home/bandit7  
bandit7@bandit:~$ ls  
data.txt  
bandit7@bandit:~$ cat data.txt
```

```
bandit7@bandit: ~  
oldest GSGqyljWGDb0SREB1D8OeyE2Xc7rU806  
limbering 5oALAnyw8LBq8Y0i9F02rUckML3ZHAe0  
solecisms IsojTHSEU018AVp0Gmc5gM7uTz2WRHUK  
modernize LELOYSfvx4RxgVaFWFIZsrfPEpr1Ij6f  
mystique's mVvvIBP5DxHvyke2ftJnrT4pJN75CgX8  
assessments Bix0Ioz2t9DeUGTuSeAum8YZEjtHAzPA  
shifts 8G9HUqOYaCoo05BNXudQ7sJOS42Y3hBZ  
footloose IdXT6l5OjDQf4Wo6EgSgiQLc85GxC8N  
woks 30sMpMGkoHHcQfRmt2NSifEOGjAw5GAm  
mollycoddled NEBbMazNMwfXXzNmpNgrgsrIvpOsxh3K  
tabulator 176t0sSrAB36rKs63sxeBUzQhM1ntxS1  
performers jTil23dLev9ZOIyJnBjuMFnhEou5GUTS  
lambkins VEaIUEm9Xnf9ge2mLz1fb6mNLvg7AMgs  
emollient G1VkU4hrme5oWJj44TINEOlFu4fhoHGI  
favorite kHB8UrFDLhXqpUz8QMobudvwMouPFSmt  
doze ZDFOBmXuG7WjlNJx6SnrqMBsalnA5cDS  
immortalizing NCR5O4lnkFOIP2XGQX8u4CNFU00d8aI7  
brazens mQW21UC2Wbxgg2tzuzDQus9OfSNg2TBk  
tempura's xtle5tpyE34Z5I0yskHBZcGPFRj4YaR6  
seductively dp9YVoeKOWDVpu3UI37CuwvKE9yl6cTX  
Dee's Z44NkByyVJ2H77AoSDTMhOT63DotVDGz  
Rastafarian's ZxS1Dn7lIVpRmdyQ4PKtrYZSVwV8UDQ8  
longboat 7zUSrcPmcO2D1jt0ivI8W0Z6fd1Ah5g7  
hormonal LUFjLAT43JgfQuIxGyMHwZyDssdjHSTV
```

**Step 3:** Since the password was stored next to the word “millionth”, I used the grep command to search for the string in the file. It returned the word “millionth” with the password to the right of it.

A terminal window titled 'bandit7@bandit: ~' with standard window controls. The terminal shows the command 'grep millionth data.txt' being executed. The output is 'millionth TESKZC0XvTetK0S9xNwm25STk5iWrBvP'. The word 'millionth' is highlighted in red. A green cursor is visible on the line following the output.

```
bandit7@bandit: ~  
bandit7@bandit:~$ grep millionth data.txt  
millionth      TESKZC0XvTetK0S9xNwm25STk5iWrBvP  
bandit7@bandit:~$
```

**Step 4:** Lastly, I copied the password to use it to login into the next level.