

Level 7

Bandit Level 7 → Level 8

Level Goal

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

Commands you may need to solve this level

man, grep, sort, uniq, strings, base64, tr, tar, gzip, bzip2, xxd

```
ssh bandit7@bandit.labs.overthewire.org -p 2220
```

Password: morbNTDkSW6jIIUc0ymOdMaLnOIFVAaj

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

```
Goya      DFCr3BbpaelQbYxbIA2kzdeNA0tf7ika
caribou   92kQY4FRV9BM6IOGDq0aVC1H9SP5QrtQ
dismays   STInrCpNUqKtilXMDywbjHny0Rz34c7s
stevedore's kJM05aIq4a40NxaYUZfPjG8A0XU0jdQb
bung-hole's E3McgCCPyPRh65hHRXDM30Z4LMhZiTi4
culminating Qxf1aLJZmGHZhGzLnMafQDKd52DmIzWQ
sourdoughs UpseEOY3QTWZK462qa0XU2o9WMdVcxj1
skeletal   HfN1oQIfgl0R17xU0s3GRlrw8MrvgBfh
slur       BvPe6wLI8RsqzCzVE96r0wg81WicY5LW
robber     MwwI0HVzihW0mN9icffb0MfSY0w6IQqM
mules      EOGX9cPcuuuziwrHJVvLUss2gy0bZkkT
dateline's pk2j1CRNP8WAhDmWTFuGEJXENuGd1Yz0
perjure    cNiHktghStH1hvTCCR5Xxpj1w8Z1Ylrj
tangibles   bzkvRDiMXKQlj5xX41vCwwSF0xLLQRnb
Antonia    jnh979JOgmXvg8XFo0w7Qhg5gjNs4IJm
Edams       wsLc7GXpJOYQ9WF3JTLdzEj1VUEqEwGy
rubbery     I2aMNLuHliWo9ATo0AyJbgzS3tMhw1Ay
silks       BVZBuc8C1fIPz4263LZXGrtWvbX0QJjo
IBM's       RrXi5fPKP1Msuq0zgNZ5Shv9hTPBeW09
blockhouses UTRQTWeysN6CLASDU5CuuK52WFRjIaS
theatres    pSYkw0JlFdeL5SDYQR0Cekc4oKP6EBLr
spiky       QM3o7iXT0kKOTSBSkdbeyqPhie6MmwYb
protozoon   1F2w9yiQv0k5aTJ6cNw4J65DgXr7axgp
bedfellows  FDbr10y2v6M4iICjqQfABTfwVoNSoe8j
wages       jK4k3HOuKppL4U3Y70zXK2o84BnjByoN
savageness's OCcRrlSpSscm0LLXLav6TVq02Ux04i3q
refurbished Jhtp0MZmkPDjgvYZwDCISigoFjXi2jB8
braver      OPdE277R4kIQkKGiqtrjR9xFmtaoy82d
funiculars  XCspHKu2igEL5mGXPe9iMK7Q3POgE7He
avoidable   BhW3X6zSs41dAGdZx0obk7Tzh4udZvnT
```

Now, to find the password which is located next to the word "millionth"

```
strings data.txt | grep "millionth"
```

```
bandit7@bandit:~$ strings data.txt | grep "millionth"
millionth      dfwvzFQi4mU0wfNbFOe9RoWskMLg7eEc
```

Command used:

- `strings data.txt`

- Extracts **printable text** from a file (`data.txt`).
- **| (Pipe Operator)**
 - Passes (`pipes`) the output of `strings data.txt` to the next command (`grep`).
- `grep "millionth"`
 - **Searches for the word "millionth"** in the output.
 - Only **lines containing "millionth"** will be displayed.

We get the password:

dfwvzFQi4mU0wfNbFOe9RoWskMLg7eEc