



## Main Challenge

# Data Repo Analysis

### ✓ 4) Data Repo Analysis

Difficulty: 🌲🌲🌲🌲🌲

Retrieve the encrypted ZIP file from the North Pole Git repository. What is the password to open this file? For hints on achieving this objective, please visit Wunorse Openslae and help him with **Stall Mucking Report** Cranberry Pi terminal challenge.

### Hint Challenge

## Stall Mucking Report

Cranberry Pi terminal challenge



## Hint Challenge

# Stall Mucking Report

Cranberry Pi terminal challenge

📍 Wunorse Openslae at 1nd floor go right enter the room continue forward you find him.

Hi, I'm Wunorse Openslae

What was that password?

Golly, passwords may be the end of all of us. Good guys can't remember them, and bad guess can guess them!

I've got to upload my chore report to my manager's inbox, but I can't remember my password.

Still, with all the automated tasks we use, I'll bet there's a way to find it in memory.



## Plaintext Credentials in Commands

### Keeping Command Line Passwords Out of PS

<https://blog.rackspace.com/passwords-on-the-command-line-visible-to-ps>



## Terminal Screen

```

kkkkkkkkkkkkkkkkkkkkXXXXXXXXXXXXXXXXX'      oXXXXXXXXXXXXXXXXXd,.....
kkkkkkkkkkkkkkkkkkkk0XXXXXXXXXXXXXXXXX.      cXXXXXXXXXXXXXXXXXc,.....
kkkkkkkkkkkkkkkkkkkk0XXXXXXXXXXXXXXXXXd1lXXXXXXXXXXXXXXXXXk,.....
kkkkkkkkkkkkkkkkkkkk0XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXl,.....
kkkkkkkkkkkkkkkkkkkk0XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX0kkl;,.....
kkkkkkkkkkkkkkkkkkkk0XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXkkkkkko;,.....
kkkkkkkkkkkkkkkkkkkk0XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX0kkkkkkkkd:,.....
kkkkkkkkkkkkkkkkkkkk0XXXXXXXXXXXXXXXXXXXXXXXXX0kkkkkkkkkkkkd:,.....
kkkkkkkkkkkkkkkkkkkk00XXXXXXXXXXXXXXXXX00kkkkkkkkkkkkkkkkd:,.....
kkkkkkkkkkkkkkkkkkkk0000000000kkkkkkkkkkkkkkkkkkkkkkxc;,.....
kkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkxl,.,.,
kkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkxl,.,.,
kkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkx;,

```

Thank you Madam or Sir for the help that you bring!  
I was wondering how I might rescue my day.  
Finished mucking out stalls of those pulling the sleigh,  
My report is now due or my KRINGLE's in a sling!

There's a samba share here on this terminal screen.  
What I normally do is to upload the file,  
With our network credentials (we've shared for a while).  
When I try to remember, my memory's clean!

Be it last night's nog bender or just lack of rest,  
For the life of me I can't send in my report.  
Could there be buried hints or some way to contort,  
Gaining access – oh please now do give it your best!

–Wunorse Openslae

Complete this challenge by uploading the elf's report.txt  
file to the samba share at //localhost/report-upload/  
elf@50341282c678:~\$





### Solution

1. First let's use command `ls` to list directories & files:

```
elf@e9ccc1ac0094:~$ ls
report.txt
```



2. Take a look at content of `report.txt` for any leads:

```
elf@e9ccc1ac0094:~$ cat report.txt
Stall mucking report

Dasher - routine
Dancer - routine
Prancer - confiscated second salt lick
Vixen - minor repair/adjustment to water system
Comet - routine
Cupid - routine
Donner - routine
Blitzen - refilled headache medicine
Thrasher - routine
Thunder - requested hay! oats! hay! oats!
Blaster - stall... took extra mucking
Blunder - caught with excessive carrot contraband again
Blogger - discussed social media policies again
Bragger - what appeared to be a prosthetic red nose
Mon Jan 7 17:51:21 UTC 2019
```



3. Use `ps` command as suggested in hints to display the usernames / passwords on the command line for the running processes , write the command as following :

`ps Tww`

T Basic options: all processes on this terminal, w Show threads options : unlimited output width

```
elf@b5a4edc01680:~$ ps Tww
PID TTY      STAT             TIME COMMAND
  1 pts/0    Ss               0:00 /bin/bash /sbin/init
 10 pts/0    S               0:00 sudo -u manager /home/manager/samba-wrapper.sh --verbosity=none
--no-check-certificate --extraneous-command-argument --do-not-run-as-tyler --accept-sage-adv
advice -a 42 -d~ --ignore-sw-holiday-special --suppress --suppress //localhost/report-uploa
ad/ directreindeerflatterystable -U report-upload
 11 pts/0    S               0:00 sudo -E -u manager /usr/bin/python /home/manager/report-check.p
y
 15 pts/0    S               0:00 sudo -u elf /bin/bash
 16 pts/0    S               0:00 /usr/bin/python /home/manager/report-check.py
 17 pts/0    S               0:00 /bin/bash /home/manager/samba-wrapper.sh --verbosity=none --no-
check-certificate --extraneous-command-argument --do-not-run-as-tyler --accept-sage-adv
-a 42 -d~ --ignore-sw-holiday-special --suppress --suppress //localhost/report-upload/ di
rectreindeerflatterystable -U report-upload
 19 pts/0    S               0:00 /bin/bash
107 pts/0    S               0:00 sleep 60
109 pts/0    R+              0:00 ps Tww
elf@b5a4edc01680:~$
```



4. Interesting command related to samba :

```
/bin/bash /home/manager/samba-wrapper.sh --verbosity=none --no-check-certif-
icate --extraneous-command-argument --do-not-run-as-tyler --accept-sage-ad-
vice -a 42 -d~ --ignore-sw-holiday-special --suppress --suppress //localhost/re-
port-upload/ directreindeerflatterystable -U report-upload
```

So the username `report-upload` and the password `directreindeerflatterystable` and the share folder `//localhost/report-upload/`


You can find more about smbclient here:  
<https://www.computerhope.com/unix/smbclien.htm>

5. Now let's upload the report to the share folder using smbclient to access share folder :

```
smbclient //localhost/report-upload/ -U report-upload directreindeerflatterystable
```

6. Then upload the file **report.txt** :

```
put report.txt
```



```

kkkkkkkkkkkkkkkkkkkkkk0XXXXXXXXXXXXXXXXdLlXXXXXXXXXXXXXXXXXk,,
kkkkkkkkkkkkkkkkkkkkkk0XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXkl,,
kkkkkkkkkkkkkkkkkkkkkk0XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX0kkkl,,
kkkkkkkkkkkkkkkkkkkkkk0XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXKkkkkkkko,,
kkkkkkkkkkkkkkkkkkkkkk0XXXXXXXXXXXXXXXXXXXXXXXXXXXXK0Kkkkkkkkkd:,
kkkkkkkkkkkkkkkkkkkkkk0KXXXXXXXXXXXXXXXXXXXXXXXXXK0Kkkkkkkkkkkd:,
kkkkkkkkkkkkkkkkkkkkkk00XXXXXXXXXXXXK00Kkkkkkkkkkkkkkkkkkkd:,
kkkkkkkkkkkkkkkkkkkkkk000000000Kkkkkkkkkkkkkkkkkkkkkkkkkkkxc,,
kkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkxl,,
kkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkxl,,
kkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkx;

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Gaining access - oh please now do give it your best!

-Wunorse Openslae

Complete this challenge by uploading the elf's report.txt
file to the samba share at //localhost/report-upload/
elf@23c02d693cb3:~$ smbclient //localhost/report-upload/ -U report-upload directreindeerflatterystable
WARNING: The "syslog" option is deprecated
Domain=[WORKGROUP] OS=[Windows 6.1] Server=[Samba 4.5.12-Debian]
smb: \> put report.txt
```



```

putting file report.txt as \report.txt (250.5 kb/s) (average 250.5 kb/s)
smb: \> Terminated
elf@23c02d693cb3:~$

      .:;:;:;:;:;:;'
      ,NWOkkkkkkkkkkkkNN;
      ..KM; Stall Mucking ,MN..
      OMNXNMd. .oMWXXM0.
;MO l0NNNNNNNNNNNNN0o xMc
:MO xMl
:MO d000000000000000d. xMl .l:
.cc:::;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:;:~
      .ONNNNNNNXk xMl
:MO d00000000o xMl
:MO 'ccccccccccccc:' xMl
:MO .WMMMMMMMMMMMMMMW. xMl
:MO ..... xMl
.NWxdddddddNw'
;cccccccccccccccccccc;

You have found the credentials I just had forgot,
And in doing so you've saved me trouble untold.
Going forward we'll leave behind policies old,
Building separate accounts for each elf in the lot.
```



Thank goodness for command line passwords - and thanks for your help!

Speaking of good ways to find credentials, have you heard of **Trufflehog**?

It's a cool way to dig through repositories for passwords, RSA keys, and more.

I mean, no one EVER **uploads sensitive credentials to public repositories**, right?

But if they did, this would be a great tool for finding them.

But hey, listen to me ramble. If you're interested in Trufflehog, you should check out **Brian Hostetler's talk**!

Have you tried the **entropy=True option when running Trufflehog**? It is amazing how much deeper it will dig!

Oh my! Santa's castle... it's under siege!

We're trapped inside and can't leave.

The toy soldiers are blocking all of the exits!

We are all prisoners!



### Trufflehog Tool

<https://github.com/dxa4481/truffleHog>



### Trufflehog Talk

[\*Brian Hostetler is giving a great Trufflehog talk upstairs\*](#)





## Main Challenge

## Data Repo Analysis

[https://git.kringlecastle.com/Upatree/santas\\_castle\\_automation](https://git.kringlecastle.com/Upatree/santas_castle_automation)



## Solution

1. Watch to Brian Hostetler' talk about Trufflehog :

<https://www.youtube.com/watch?v=myKrWVaq3Cw>

2. Install Trufflehog tool from here :

<https://github.com/dxa4481/truffleHog>

3. Run the Trufflehog with following arguments in terminal :

```
truffleHog --regex --entropy=true https://git.kringlecastle.com/Upatree/santas_castle_automation.git
```

```
iCrypto:~ icrypto$ truffleHog --regex --entropy=true https://git.kringlecastle.com/Upatree/santas_castle_automation.git
Reason: High Entropy
Date: 2018-12-11 11:29:03
Hash: 6e754d3b0746a8e980512d010fc253cbb7c23f52
Filepath: schematics/files/dot/ssh/key.rsa
Branch: origin/master
Commit: cleaning files
@@ -0,0 +1,27 @@
+-----BEGIN RSA PRIVATE KEY-----
+MIIeowIBAAKCAQEAsyB0ov2pCU0zr9olk0P2CZw9ZDgQVcsM9t37tK+ddah7pe3z
+11wLQG9EWSCLKfFdQgaMlo+x6wRSjPz0DqIAjLfvDwr3TfLCv93oYoTzwmwdHIWB
+60FxGSryDK+CPRuCCrYfQDrbpAyB/i8JrNNQHwrJsh0aF66irexFAKNIwH4a3Bzv
+txX+50h7zR5zwBXT08ijP2wEfz6DPkoK0P0zHm+vmGajZ3l0ZQ6wufbRBaAJYp5Y
```

4. Analysis the output { you can save it in notepad for easy lookup } to find the password:

```
Commit: removing file
@@ -0,0 +1,15 @@
+Our Lead InfoSec Engineer Bushy Evergreen has been noticing an increase of brute force attacks in our logs. Furthermore,
+Albaster discovered and published a vulnerability with our password length at the last Hacker Conference.
+
+Bushy directed our elves to change the password used to lock down our sensitive files to something stronger. Good thing
+he caught it before those dastardly villains did!
+
+
+Hopefully this is the last time we have to change our password again until next Christmas.
+
+
+
+Password = 'Yippee-ki-yay'
+
```

+Password = 'Yippee-ki-yay'

5. Download encrypted zip file :

1. Go to : [https://git.kringlecastle.com/Upatree/santas\\_castle\\_automation](https://git.kringlecastle.com/Upatree/santas_castle_automation)

2. Use find files to search for zip files in git files :

Shinny Upatree > santas\_castle\_automation > master

master santas\_castle\_automation / .zip

schematics/ventilation\_diagram.zip



3. You will find one zip file named `ventilation_diagram.zip` , download it :  
[https://git.kringlecastle.com/Upatree/santas\\_castle\\_automation/raw/master/schematics/ventilation\\_diagram.zip?inline=false](https://git.kringlecastle.com/Upatree/santas_castle_automation/raw/master/schematics/ventilation_diagram.zip?inline=false)
6. Test the password you found using Trufflehog tool “Yippee-ki-yay” to decrypt the zip file.



Go to your Badge > Objectives > Enter Yippee-ki-yay



#### 4) Data Repo Analysis

Difficulty: 🌲🌲🌲🌲🌲

Retrieve the encrypted ZIP file from the North Pole Git repository. What is the password to open this file? For hints on achieving this objective, please visit Wunorse Openslae and help him with **Stall Mucking Report** Cranberry Pi terminal challenge.



