

Pandahat Competition

WriteUp

Weekly Report #1

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PicoCTF exercises

1. **Obedient cat:** The first problem consisted of downloading a file and using the cat command in the shell to read the contents containing the flag necessary for completing the exercise. A simple **"cat filename"** was done to read and obtain the flag.
2. **Python wrangling:** This problem consisted of downloading a python script in order to decrypt a file, it took me a while to completed it because I didn't know the command but a quick **"man python"** helped me find the commands. The command **"python "script" -d file"** decrypted the file after typing the correct password.
3. **Wave a flag:** In this problem, you download a file and in order to run it, you have to make it an executable first, to do that I used **"chmod -x file"**, after that, you can use **./warm** to open the file, which then asked you to pass a **"-h"** , after typing **"./warm -h"** I got the flag.
4. **Nice netcat:** The problem asked you to run a command that read ASCII values from a website which then you had to translate to get the flag.
5. **Static ain't always noise:** In this problem you had to download as bash script and a static file using **wget**, after downloading it to the shell, use the **bash** command to run the bash file and add the static file at the end to use the bash file to read it, after that I got a long string of characters which contained the flag.

6. **Tab, Tab, Attack:** This problem consisted of a zip file which first had to be unzipped using the **unzip** command, after that the file contained a lot of files inside with very large names so using **tab** to get to the end of the file where the flag was.
7. **Magikarp Ground Mission:** This problem had multiple layers to it, first you have to run an instance and **ssh** into a server, after this I typed **ls** to see what files are inside and found part 1 of the flag and instructions to the next part, after that the instructions say to move to root folder using **cd /** where the second part of the flag and more instructions followed. The next instructions said to move to home folder using **cd ~** where the last part of the flag was.
8. **Lets Warm Up:** this one just consisted of a hexadecimal which had to be translated into ASCII.
9. **Warmed Up:** Another one of converting from base 16 to base 10.
10. **2Warm:** Finally one to convert from base 10 to base 2.