

## PicoCTF 2019

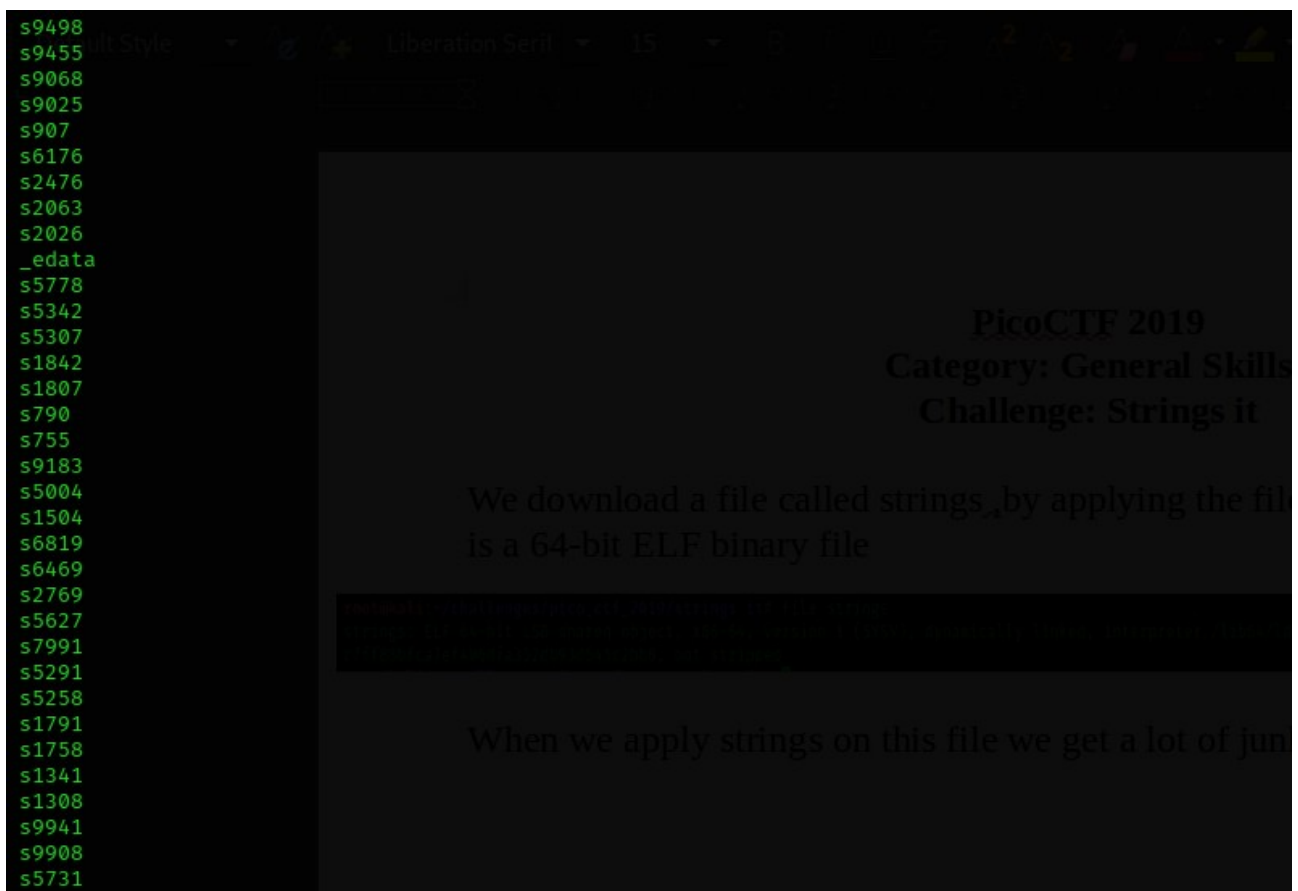
### Category: General Skills

### Challenge: Strings it

We download a file called strings ,by applying the file command we see that it is a 64-bit ELF binary file

```
root@kali:~/challenges/pico_ctf_2019/strings it# file strings
strings: ELF 64-bit LSB shared object, x86-64, version 1 (SYSV), dynamically linked, interpreter /lib64/ld-linux-x86-64.so.2, for GNU/Linux 3.2.0, BuildID[sha1]=4287c7ff88bfca7ef406dfa352db93d545c2bb8, not stripped
```

When we apply strings on this file we get a lot of junk (which is lines of text extracted from the binary)



```
s9498
s9455
s9068
s9025
s907
s6176
s2476
s2063
s2026
_edata
s5778
s5342
s5307
s1842
s1807
s790
s755
s9183
s5004
s1504
s6819
s6469
s2769
s5627
s7991
s5291
s5258
s1791
s1758
s1341
s1308
s9941
s9908
s5731
```

But if we combine the strings command with the grep command from the previous challenge and use:  
strings strings |grep "picoCTF{"

```
root@kali:~/challenges/pico_ctf_2019/strings it# strings strings |grep "picoCTF{"
picoCTF{5tRIng5_1T_dd38f284}
root@kali:~/challenges/pico_ctf_2019/strings it#
```

We finally get the flag

Flag:picoCTF{5tRIng5\_1T\_dd38f284}

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