Attack plan

The idea is to exploit the bug to obtain a wold-writeable file in `/var/cache/mycmd`; then overwrite the file with a string that would cause a buffer overflow in `get_cookie()`, overwriting the saved rip; then call the program again and let it read the overwritten file. There are no canaries, but ASLR and PIE are active. However, we can hope that overwriting only the least significant byte(s) of the saved rip is sufficient to redirect execution to `print_flag()`.