

# Static ain't always noise

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20 points

Tags: picoCTF 2021 General Skills

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Description

Can you look at the data in this binary: [static](#)? This [BASH script](#) might help!

Hints ?

(None)

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Static ain't always noise challenge

Here we are given two things a file and a bash script. I decided to run the BASH script first.

```
(kali@kali)-[~/Downloads]
$ ./ltdis.sh
Attempting disassembly of ...
objdump: 'a.out': No such file
objdump: section '.text' mentioned in a -j option, but not found in any input
file
Disassembly failed!
Usage: ltdis.sh <program-file>
Bye!
```

We can see the usage seems to need a file. Since we also given a file why not try running the bash with the file as the argument

```
(kali㉿kali)-[~/Downloads]
$ ./ltdis.sh static
Attempting disassembly of static ...
Disassembly successful! Available at: static.ltdis.x86_64.txt
Ripping strings from binary with file offsets ...
Any strings found in static have been written to static.ltdis.strings.txt with file offset
```

The BASH script seems to extract all the strings from the file and put it in a new file.

```
(kali㉿kali)-[~/Downloads]
$ cat static.ltdis.strings.txt
238 /lib64/ld-linux-x86-64.so.2
361 libc.so.6
36b puts
370 __cxa_finalize
37f __libc_start_main
391 GLIBC_2.2.5
39d _ITM_deregisterTMCloneTable
3b9 __gmon_start__
3c8 _ITM_registerTMCloneTable
660 AWAVI
667 AUATL
6ba [A\A]A^A_
6e8 Oh hai! Wait what? A flag? Yes, it's around here somewhere!
7c7 ;*3$"
1020 picoCTF{d15a5m_t34s3r_f6c48608}
1040 GCC: (Ubuntu 7.5.0-3ubuntu1~18.04) 7.5.0
1671 crtstuff.c
167c deregister_tm_clones
1691 __do_global_dtors_aux
16a7 completed.7698
16b6 __do_global_dtors_aux_fini_array_entry
16dd frame_dummy
16e9 __frame_dummy_init_array_entry
1708 static.c
```

We got the flag