

# XORcist writeup

Dump the `.rodata` bytes (we already found the data is at `0x2023`):

```
xxd -s 0x2023 -l 64 -g 1 xorcist > /tmp/xorcist_rodata.hex
```

Decode (XOR `0xA9`) and print until the first NULL

```
python3 - <<'PY'
from pathlib import Path
hexlines = Path('xorcist_rodata.hex').read_text().splitlines()
hexbytes = []
for line in hexlines:
    parts = line.split()
    for hb in parts[1:17]:
        if len(hb)==2 and all(c in '0123456789abcdefABCDEF' for c in hb):
            hexbytes.append(hb)
data = bytes.fromhex(''.join(hexbytes)).split(b'\x00')[0]
print((bytes([b ^ 0xA9 for b in data])).decode('latin1'))
PY
```

Verify

```
printf "password" | ./xorcist
```

Done !