

Linux

SSH

SSH TCP SSH

1

```
ssh -fgN -L 2222:localhost:22 localhost
```

2

```
ssh -fgN -R 2222:host1:22 localhost
```

3

```
ssh -fgN -D 12345 root@host1
```

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iptables

CentOS 7.0 iptables iptables

1

```
vi /etc/sysctl.conf
# net.ipv4.ip_forward=1

#
sysctl -p
```

2

```
iptables -t nat -A PREROUTING -p tcp --dport 2222 -j REDIRECT --to-port 22
```

3

```
iptables -t nat -A PREROUTING -d 192.168.172.130 -p tcp --dport 8000 -j
DNAT --to-destination 192.168.172.131:80
iptables -t nat -A POSTROUTING -d 192.168.172.131 -p tcp --dport 80 -j
SNAT --to 192.168.172.130

# nat
iptables -t nat -F PREROUTING
```

firewall

CentOS 7.0 firewall

1IP

```
firewall-cmd --permanent --add-masquerade
```

21234522

```
firewall-cmd --permanent --add-forward-port=port=12345:proto=tcp:
toaddr=192.168.172.131:toport=22
```

3

```
firewall-cmd --reload
```

rinetd

rinetdTCP//

1

```
wget https://li.nux.ro/download/nux/misc/el7/x86_64/rinetd-0.62-9.el7.nux.
x86_64.rpm
```

2rinetd

```
rpm -ivh rinetd-0.62-9.el7.nux.x86_64.rpm
```

3

```
vi rinetd.conf
0.0.0.0 1234 127.0.0.1 22
```

4

```
rinetd -c /etc/rinetd.conf
```

ncat

netcatnc""netcat

1ncat

```
yum install nmap-ncat -y
```

2 9876 192.168.172.131 80

```
ncat --sh-exec "ncat 192.168.172.131 80" -l 9876 --keep-open
```

socat

socatsocat

1socat

```
yum install -y socat
```

212345192.168.172.13122

```
socat TCP4-LISTEN:12345,reuseaddr,fork TCP4:192.168.172.131:22
```

portmap

Linux lcx

1

```
http://www.vuln.cn/wp-content/uploads/2016/06/lcx\_vuln.cn\_.zip
```

21234192.168.172.13122

```
./portmap -m 1 -p1 1234 -h2 192.168.172.131 -p2 22
```