

```
root@ip-172-31-1-11:~
eshwar.l@PE-LP-195 MINGW64 ~
$ cd Downloads/

eshwar.l@PE-LP-195 MINGW64 ~/Downloads
$ ssh -i shellscripting.pem ec2-user@34.207.194.9
Register this system with Red Hat Insights: insights-client --register
Create an account or view all your systems at https://red.ht/insights-dashboard
Last login: Mon Mar  6 18:31:32 2023 from 175.101.4.18
-bash: ./root/f.sh: No such file or directory
[ec2-user@ip-172-31-1-11 ~]$ sudo su -
Last login: Mon Mar  6 18:31:39 UTC 2023 on pts/0
[root@ip-172-31-1-11 ~]# yum install nc -y
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use subscription-manager to register.

Last metadata expiration check: 0:30:07 ago on Wed 08 Mar 2023 07:00:39 PM UTC.
Dependencies resolved.
=====
Package                                Architecture      Version            Repository          Size
-----
Installing:
netcat                                x86_64            1.219-2.el8        epel                 35 k
Installing dependencies:
libbsd                                x86_64            0.11.7-2.el8       epel                 120 k
libmd                                  x86_64            1.0.4-2.el8        epel                 37 k
libretls                              x86_64            3.7.0-1.el8        epel                 42 k
=====
Transaction Summary
-----
Install 4 Packages

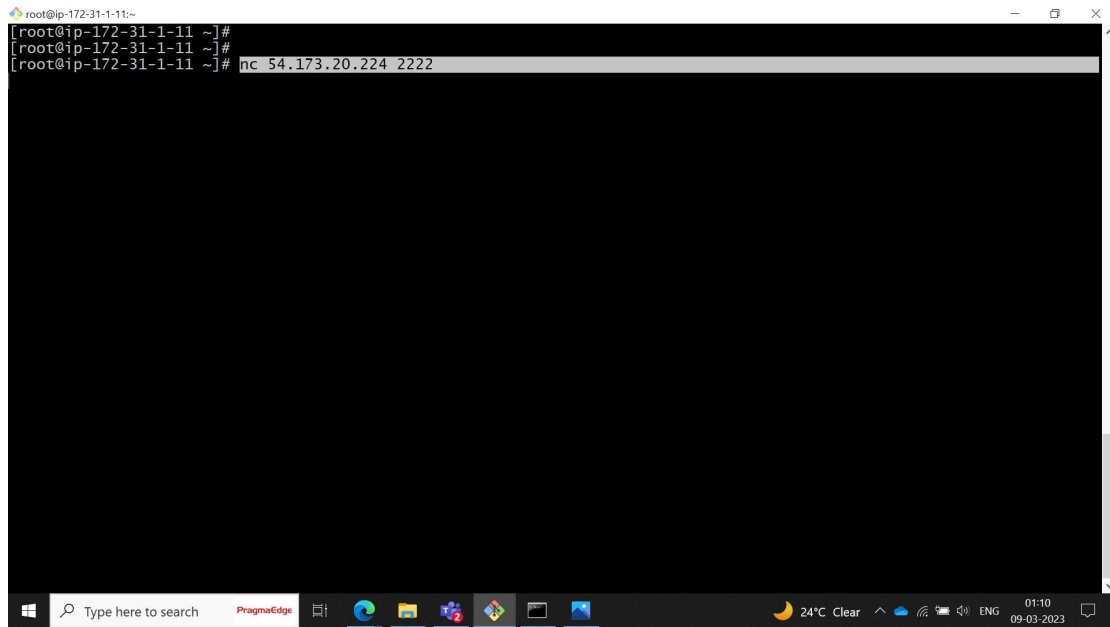
Total download size: 234 k
```

```
root@ip-172-31-1-25:~
[root@ip-172-31-1-25 ~]#
[root@ip-172-31-1-25 ~]#
[root@ip-172-31-1-25 ~]# ping 172.31.1.11
PING 172.31.1.11 (172.31.1.11) 56(84) bytes of data.
64 bytes from 172.31.1.11: icmp_seq=1 ttl=64 time=1.28 ms
64 bytes from 172.31.1.11: icmp_seq=2 ttl=64 time=0.631 ms
64 bytes from 172.31.1.11: icmp_seq=3 ttl=64 time=0.619 ms
```

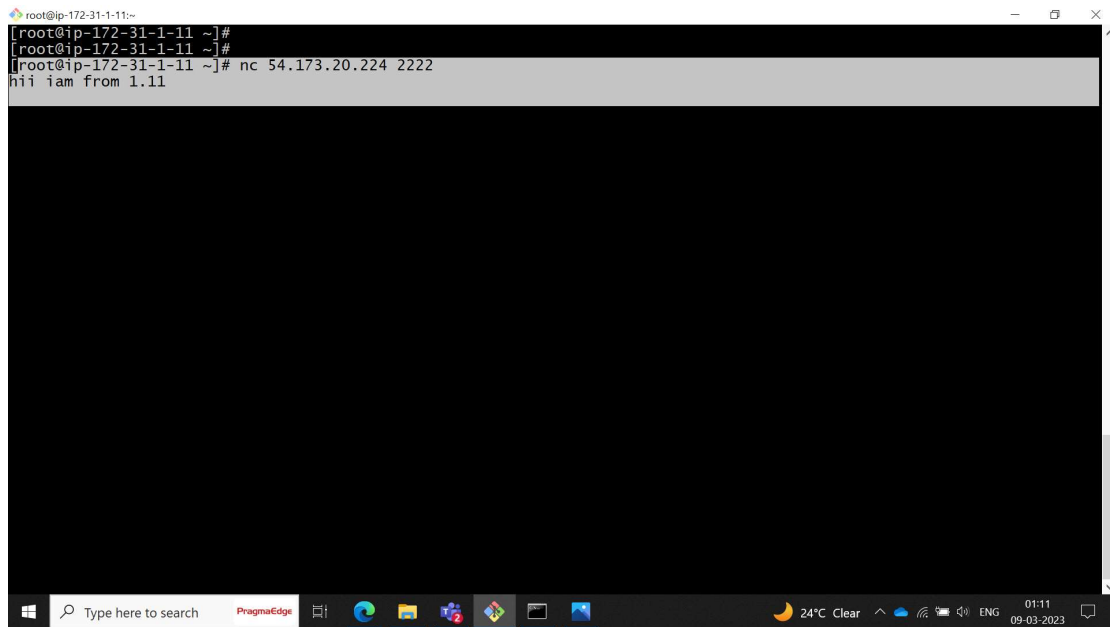
```
root@ip-172-31-1-11:~#  
[root@ip-172-31-1-11 ~]#  
[root@ip-172-31-1-11 ~]# ping 172.31.1.25  
PING 172.31.1.25 (172.31.1.25) 56(84) bytes of data.  
^C  
--- 172.31.1.25 ping statistics ---  
23 packets transmitted, 0 received, 100% packet loss, time 22507ms  
  
[root@ip-172-31-1-11 ~]# ping 54.173.20.224  
PING 54.173.20.224 (54.173.20.224) 56(84) bytes of data.  
64 bytes from 54.173.20.224: icmp_seq=90 ttl=63 time=0.633 ms  
64 bytes from 54.173.20.224: icmp_seq=91 ttl=63 time=0.643 ms  
64 bytes from 54.173.20.224: icmp_seq=92 ttl=63 time=0.662 ms  
64 bytes from 54.173.20.224: icmp_seq=93 ttl=63 time=0.643 ms  
64 bytes from 54.173.20.224: icmp_seq=94 ttl=63 time=0.741 ms  
64 bytes from 54.173.20.224: icmp_seq=95 ttl=63 time=0.543 ms  
64 bytes from 54.173.20.224: icmp_seq=96 ttl=63 time=0.599 ms  
64 bytes from 54.173.20.224: icmp_seq=97 ttl=63 time=0.644 ms
```

```
Select root@ip-172-31-1-25:~#  
[root@ip-172-31-1-25 ~]#  
[root@ip-172-31-1-25 ~]#  
[root@ip-172-31-1-25 ~]# nc -l 2222
```

```
root@ip-172-31-1-11:~  
[root@ip-172-31-1-11 ~]#  
[root@ip-172-31-1-11 ~]#  
[root@ip-172-31-1-11 ~]# nc 54.173.20.224 2222
```



```
root@ip-172-31-1-11:~  
[root@ip-172-31-1-11 ~]#  
[root@ip-172-31-1-11 ~]#  
[root@ip-172-31-1-11 ~]# nc 54.173.20.224 2222  
hii iam from 1.11
```



```
Select root@ip-172-31-1-25~  
[root@ip-172-31-1-25 ~]#  
[root@ip-172-31-1-25 ~]#  
[root@ip-172-31-1-25 ~]# nc -l 2222  
hii iam from 1.11
```

```
root@ip-172-31-1-25~  
[root@ip-172-31-1-25 ~]#  
[root@ip-172-31-1-25 ~]#  
[root@ip-172-31-1-25 ~]# nc -l 2222  
hii iam from 1.11  
hlo  
iam kanna  
  
root@ip-172-31-1-11~  
[root@ip-172-31-1-11 ~]#  
[root@ip-172-31-1-11 ~]#  
[root@ip-172-31-1-11 ~]# nc 54.173.20.224 2222  
hii iam from 1.11  
hlo  
iam kanna
```

```

Select root@ip-172-31-1-25:~
[root@ip-172-31-1-25 ~]#
[root@ip-172-31-1-25 ~]#
[root@ip-172-31-1-25 ~]# nc -l 2222
hii iam from 1.11
hlo
iam kanna
^C
[root@ip-172-31-1-25 ~]# nc -l 2222 > kanna.txt
hlo
listening
^C
[root@ip-172-31-1-25 ~]# ls
kanna.txt
[root@ip-172-31-1-25 ~]# cat kanna.txt
[root@ip-172-31-1-25 ~]# nc -l 2212 > kanna.txt
[root@ip-172-31-1-25 ~]# ls
kanna.txt
[root@ip-172-31-1-25 ~]# cat kanna.txt
hlo
this in file
[root@ip-172-31-1-25 ~]#

root@ip-172-31-1-11:~
[root@ip-172-31-1-11 ~]#
[root@ip-172-31-1-11 ~]#
[root@ip-172-31-1-11 ~]# nc 54.173.20.224 2222
hii iam from 1.11
hlo
iam kanna
[root@ip-172-31-1-11 ~]# nc 54.173.20.224 2222
hlo
listening
[root@ip-172-31-1-11 ~]# ls
[root@ip-172-31-1-11 ~]# nc 54.173.20.224 2212
hlo
this in file
^C
[root@ip-172-31-1-11 ~]# |

```

```

ec2-user@ip-172-31-1-25:~
[ec2-user@ip-172-31-1-25 ~]$
[ec2-user@ip-172-31-1-25 ~]$
[ec2-user@ip-172-31-1-25 ~]$ nc -l 2222 -e /usr/bin/date

```

```
ec2-user@ip-172-31-1-11:~  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$ nc 54.173.20.224 2222  
Wed Mar 8 10:21:04 PM UTC 2023
```

```
Select ec2-user@ip-172-31-1-25:~  
[ec2-user@ip-172-31-1-25 ~]$  
[ec2-user@ip-172-31-1-25 ~]$  
[ec2-user@ip-172-31-1-25 ~]$ nc -l 2222 -e /usr/bin/date  
[ec2-user@ip-172-31-1-25 ~]$  
[ec2-user@ip-172-31-1-25 ~]$ ls  
[ec2-user@ip-172-31-1-25 ~]$ touch {a..d}.txt  
[ec2-user@ip-172-31-1-25 ~]$ ls  
a.txt b.txt c.txt d.txt  
[ec2-user@ip-172-31-1-25 ~]$ nc -l 2222 -e /usr/bin/bash
```

```
ec2-user@ip-172-31-1-11:~  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$ nc 54.173.20.224 2222  
Wed Mar 8 10:21:04 PM UTC 2023  
[ec2-user@ip-172-31-1-11 ~]$ nc 54.173.20.224 2222  
ls  
a.txt  
b.txt  
c.txt  
d.txt
```

```
ec2-user@ip-172-31-1-11:~  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$ ls  
dir.txt f.sh kannu.txt iw.sh main.sh name.sh new.sh one.txt second.txt snap  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$ nc 54.173.20.224 2222  
[ec2-user@ip-172-31-1-11 ~]$ nc 54.173.20.224 2222  
ls  
a.txt  
b.txt  
c.txt  
d.txt  
touch second.txt  
ls  
a.txt  
b.txt  
c.txt  
d.txt  
second.txt
```



```
Select ec2-user@ip-172-31-1-25~
[ec2-user@ip-172-31-1-25 ~]$ ls
a.txt b.txt c.txt d.txt
[ec2-user@ip-172-31-1-25 ~]$
[ec2-user@ip-172-31-1-25 ~]$ ll
total 0
-rw-r--r--. 1 ec2-user ec2-user 0 Mar  8 22:22 a.txt
-rw-r--r--. 1 ec2-user ec2-user 0 Mar  8 22:22 b.txt
-rw-r--r--. 1 ec2-user ec2-user 0 Mar  8 22:22 c.txt
-rw-r--r--. 1 ec2-user ec2-user 0 Mar  8 22:22 d.txt
[ec2-user@ip-172-31-1-25 ~]$ nc -l 2222 -e /usr/bin/bash
[ec2-user@ip-172-31-1-25 ~]$ nc -l 2222 -e /usr/bin/bash

ls
^C
[ec2-user@ip-172-31-1-25 ~]$ ls
a.txt b.txt c.txt d.txt second.txt
[ec2-user@ip-172-31-1-25 ~]$
```

```
ec2-user@ip-172-31-1-11:~
[ec2-user@ip-172-31-1-11 ~]$
[ec2-user@ip-172-31-1-11 ~]$
[ec2-user@ip-172-31-1-11 ~]$
[ec2-user@ip-172-31-1-11 ~]$ ls
dir.txt f.sh kannna.txt lw.sh main.sh name.sh new.sh one.txt second.txt snap
[ec2-user@ip-172-31-1-11 ~]$ cd snap/
[ec2-user@ip-172-31-1-11 snap]$ ls
shellcheck
[ec2-user@ip-172-31-1-11 snap]$ cd ..
[ec2-user@ip-172-31-1-11 ~]$ tar -czf backup.tar.gz snap/
[ec2-user@ip-172-31-1-11 ~]$ ls
backup.tar.gz dir.txt f.sh kannna.txt lw.sh main.sh name.sh new.sh one.txt second.txt snap
[ec2-user@ip-172-31-1-11 ~]$ nc -l 2121 | cp backup.tar.gz
cp: missing destination file operand after 'backup.tar.gz'
Try 'cp --help' for more information.
^C
[ec2-user@ip-172-31-1-11 ~]$ |
```

```
ec2-user@ip-172-31-1-11:~  
#!/bin/bash  
  
echo " select the option to perform operation "  
echo " press 1 : to start chat "  
echo " press 2 : to view date "  
echo " press 3 : to view calender "  
echo " press 4 : to transfer chat remotely "  
  
read -p "enter your choice " option  
  
echo $option  
if [ $option -eq 1 ]  
then  
    read -p "enter port " port  
    nc -l $port &  
  
elif [ $option -eq 2 ]  
then  
    date  
  
elif [ $option -eq 3 ]  
then  
    cal  
  
elif [ $option -eq 4 ]  
then  
    read -p " enter ur port " port  
    nc -l $port > chat.txt  
else  
    echo " choose the appropriate option "  
fi  
~  
~  
"c.sh" 33L, 553B  
29,31-38 A11
```

```
ec2-user@ip-172-31-1-11:~  
[ec2-user@ip-172-31-1-11 ~]$ vim c.sh  
[ec2-user@ip-172-31-1-11 ~]$ bash c.sh  
select the option to perform operation  
press 1 : to start chat  
press 2 : to view date  
press 3 : to view calender  
press 4 : to transfer chat remotely  
enter your choice 1  
1  
enter port 1234
```

```
ec2-user@ip-172-31-1-25:~  
[ec2-user@ip-172-31-1-25 ~]$  
[ec2-user@ip-172-31-1-25 ~]$  
[ec2-user@ip-172-31-1-25 ~]$ nc 18.233.226.226 1234  
hello  
kanna
```

```
ec2-user@ip-172-31-1-11:~  
[ec2-user@ip-172-31-1-11 ~]$ vim c.sh  
[ec2-user@ip-172-31-1-11 ~]$ bash c.sh  
select the option to perform operation  
press 1 : to start chat  
press 2 : to view date  
press 3 : to view calender  
press 4 : to transfer chat remotely  
enter your choice 1  
1  
enter port 1234  
hello  
kanna
```

```
ec2-user@ip-172-31-1-11:~$  
[ec2-user@ip-172-31-1-11 ~]$ bash c.sh  
select the option to perform operation  
press 1 : to start chat  
press 2 : to view date  
press 3 : to view calender  
press 4 : to transfer chat remotely  
enter your choice 2  
2  
Tue Mar 14 06:54:10 PM UTC 2023  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$ bash c.sh  
select the option to perform operation  
press 1 : to start chat  
press 2 : to view date  
press 3 : to view calender  
press 4 : to transfer chat remotely  
enter your choice 3  
3  
March 2023  
Su Mo Tu We Th Fr Sa  
1 2 3 4  
5 6 7 8 9 10 11  
12 13 14 15 16 17 18  
19 20 21 22 23 24 25  
26 27 28 29 30 31  
[ec2-user@ip-172-31-1-11 ~]$ |
```

```
ec2-user@ip-172-31-1-11:~$  
[ec2-user@ip-172-31-1-11 ~]$ bash c.sh  
select the option to perform operation  
press 1 : to start chat  
press 2 : to view date  
press 3 : to view calender  
press 4 : to transfer chat remotely  
enter your choice 4  
4  
enter ur port 2222  
[ec2-user@ip-172-31-1-11 ~]$ |
```

```
ec2-user@ip-172-31-1-25:~$
[ec2-user@ip-172-31-1-25 ~]$
[ec2-user@ip-172-31-1-25 ~]$ cat | nc 18.233.226.226 2222
[ec2-user@ip-172-31-1-25 ~]$
```

```
ec2-user@ip-172-31-1-11:~$ bash c.sh
select the option to perform operation
press 1 : to start chat
press 2 : to view date
press 3 : to view calender
press 4 : to transfer chat remotely
enter your choice 4
4
enter ur port 2222
[ec2-user@ip-172-31-1-11 ~]$ ls
backup.tar.gz  c2.sh  chat.sh  chat.txt  c.sh  dir.txt  f.sh  kanna.txt  tw.sh  main.sh  name.sh  new.sh  one.txt  second.txt  snap
[ec2-user@ip-172-31-1-11 ~]$ cat chat.txt
cat: chat: No such file or directory
[ec2-user@ip-172-31-1-11 ~]$ cat chat.txt
    March 2023
Su Mo Tu We Th Fr Sa
      1  2  3  4
 5  6  7  8  9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 31

[ec2-user@ip-172-31-1-11 ~]$
```

```
ec2-user@ip-172-31-1-11:~  
[ec2-user@ip-172-31-1-11 ~]$ bash c.sh  
select the option to perform operation  
press 1 : to start chat  
press 2 : to view date  
press 3 : to view calender  
press 4 : to transfer chat remotely  
enter your choice 4  
4  
enter ur port 1234  
[ec2-user@ip-172-31-1-11 ~]$ cat chat.txt  
a.txt  
b.txt  
chat2.sh  
c.txt  
d.txt  
second.txt  
[ec2-user@ip-172-31-1-11 ~]$ |
```

```
ec2-user@ip-172-31-1-25:~  
[ec2-user@ip-172-31-1-25 ~]$  
[ec2-user@ip-172-31-1-25 ~]$  
[ec2-user@ip-172-31-1-25 ~]$ cal | nc 18.233.226.226 2222  
[ec2-user@ip-172-31-1-25 ~]$ ls | nc 18.233.226.226 1234  
[ec2-user@ip-172-31-1-25 ~]$
```

```
ec2-user@ip-172-31-1-11:~$ bash c.sh
select the option to perform operation
press 1 : to start chat
press 2 : to view date
press 3 : to view calender
press 4 : to transfer chat remotely
enter your choice 4
4
enter ur port 1234
[ec2-user@ip-172-31-1-11 ~]$ cat chat.txt
a.txt
b.txt
chat2.sh
c.txt
d.txt
second.txt
[ec2-user@ip-172-31-1-11 ~]$
```

```
ec2-user@ip-172-31-1-11:~$ cat c.sh
echo " select the option to perform operation "
echo " press 1 : to start chat "
echo " press 2 : to view date "
echo " press 3 : to view calender "
echo " press 4 : to transfer chat remotely "

read -p "enter your choice " option
echo $option
case $option in
    "1")
        read -p "enter port " port
        nc -l $port &
        ;;
    "2")
        date
        ;;
    "3")
        cal
        ;;
    "4")
        read -p " enter ur port " port
        nc -l $port > chat2.txt
        ;;
    *)
        echo " choose the appropriate option "
        ;;
esac

"c2.sh" 38L, 545B
```

```
ec2-user@ip-172-31-1-11:~$  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$ vim c2.sh  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$  
[ec2-user@ip-172-31-1-11 ~]$ bash c2.sh  
select the option to perform operation  
press 1 : to start chat  
press 2 : to view date  
press 3 : to view calender  
press 4 : to transfer chat remotely  
enter your choice 2  
2  
Tue Mar 14 07:08:39 PM UTC 2023  
[ec2-user@ip-172-31-1-11 ~]$ bash c2.sh  
select the option to perform operation  
press 1 : to start chat  
press 2 : to view date  
press 3 : to view calender  
press 4 : to transfer chat remotely  
enter your choice 3  
3  
    March 2023  
Su Mo Tu We Th Fr Sa  
          1  2  3  4  
 5  6  7  8  9 10 11  
12 13 14 15 16 17 18  
19 20 21 22 23 24 25  
26 27 28 29 30 31  
[ec2-user@ip-172-31-1-11 ~]$ |
```