Viola George Kamal

Lab2_System admin3

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vboxuser@linuxxx:~$ sudo apt install vsftpd
[sudo] password for vboxuser:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
vsftpd is already the newest version (3.0.5-0ubuntu1).
The following package was automatically installed and is no longer required:
  systemd-hwe-hwdb
Use 'sudo apt autoremove' to remove it.
0 upgraded, 0 newly installed, 0 to remove and 172 not upgraded.
vboxuser@linuxxx:~$ sudo iptables -t filter -A INPUT -p tcp --dport 20 -j ACCEP
T
vboxuser@linuxxx:~$ sudo iptables -t filter -A INPUT -p tcp --dport 21 -j ACCEP
T
vboxuser@linuxxx:~$ ftp localhost
Connected to localhost.
220 (vsFTPd 3.0.5)
Name (localhost:vboxuser): vboxuser
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> ls
229 Entering Extended Passive Mode (|||60635|)
150 Here comes the directory listing.
drwxr-xr-x    2 1000      1000          4096 Feb 01 14:20 Desktop
drwxr-xr-x    2 1000      1000          4096 Feb 01 14:20 Documents
drwxr-xr-x    2 1000      1000          4096 Feb 01 14:20 Downloads
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221 Goodbye.
vboxuser@linuxxx:~$ sudo ufw enable
Firewall is active and enabled on system startup
vboxuser@linuxxx:~$ sudo ufw deny 20/
ERROR: Bad port
vboxuser@linuxxx:~$ sudo ufw deny 20/tcp
Rule added
Rule added (v6)
vboxuser@linuxxx:~$ sudo ufw deny 21/tcp
Rule added
Rule added (v6)
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221 Goodbye.
vboxuser@linuxxx:~$ ftp localhost
Connected to localhost.
220 (vsFTPd 3.0.5)
Name (localhost:vboxuser): vboxuser
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> exit
221 Goodbye.
vboxuser@linuxxx:~$ sudo tail /var/log/kern.log
Apr  6 03:42:23 linuxxx kernel: [   24.283805] e1000: enp0s3 NIC Link is Up 100
0 Mbps Full Duplex, Flow Control: RX
Apr  6 03:42:23 linuxxx kernel: [   24.305226] IPv6: ADDRCONF(NETDEV_CHANGE): e
np0s3: link becomes ready
Apr  6 03:42:24 linuxxx kernel: [   25.130211] audit: type=1400 audit(168074534
4.815:49): apparmor="DENIED" operation="capable" profile="/usr/sbin/cups-browse
d" pid=1025 comm="cups-browsed" capability=23  capname="sys_nice"
Apr  6 03:42:37 linuxxx kernel: [   37.523333] loop18: detected capacity change
 from 0 to 8
Apr  6 03:42:48 linuxxx kernel: [   47.244950] audit: type=1400 audit(168074536
8.190:50): apparmor="DENIED" operation="capable" profile="/snap/snapd/18596/usr
/lib/snapd/snap-confine" pid=1077 comm="snap-confine" capability=12  capname="n
et_admin"
Apr  6 03:42:48 linuxxx kernel: [   47.245295] audit: type=1400 audit(168074536
8.190:51): apparmor="DENIED" operation="capable" profile="/snap/snapd/18596/usr
```

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Apr  8 03:43:22 linuxxx kernel: [   81.568618] rfkill: input handler disabled
vboxuser@linuxxx:~$ sudo apt install nfs-kernel-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  systemd-hwe-hwdb
Use 'sudo apt autoremove' to remove it.
The following additional packages will be installed:
  keyutils libevent-core-2.1-7 libnfsidmap1 nfs-common rpcbind
Suggested packages:
  open-iscsi watchdog
The following NEW packages will be installed:
  keyutils libevent-core-2.1-7 libnfsidmap1 nfs-common nfs-kernel-server
  rpcbind
0 upgraded, 6 newly installed, 0 to remove and 172 not upgraded.
Need to get 615 kB of archives.
After this operation, 2,235 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://eg.archive.ubuntu.com/ubuntu jammy/main amd64 libevent-core-2.1-7
amd64 2.1.12-stable-1build3 [93.9 kB]
Get:2 http://eg.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnfsidmap1
 amd64 1:2.6.1-1ubuntu1.2 [42.9 kB]
Get:3 http://eg.archive.ubuntu.com/ubuntu jammy/main amd64 rpcbind amd64 1.2.6-
2build1 [46.6 kB]
Get:4 http://eg.archive.ubuntu.com/ubuntu jammy/main amd64 keyutils amd64 1.6.1
-2ubuntu3 [50.4 kB]
Get:5 http://eg.archive.ubuntu.com/ubuntu jammy-updates/main amd64 nfs-common a
md64 1:2.6.1-1ubuntu1.2 [241 kB]
```

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exit
vboxuser@linuxxx:~$ sudo ufw allow 2049/tcp
Rule added
Rule added (v6)
vboxuser@linuxxx:~$ sudo ufw allow 2049/udp
Rule added
Rule added (v6)
vboxuser@linuxxx:~$ mkdir /tmp/shares
vboxuser@linuxxx:~$ sudo echo " /tmp/shares
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vboxuser@linuxxxx:~$ mkdir /tmp/shares
vboxuser@linuxxxx:~$ echp '/tmp/shares *(rw)' | sudo tee -a /etc/exports /tmp/sh
ares *(rw)
tee: /tmp/shares: Is a directory
Command 'echp' not found, did you mean:
  command 'echo' from deb coreutils (8.32-4.1ubuntu1)
Try: apt install <deb name>
vboxuser@linuxxxx:~$ mkdir /tmp/shares
mkdir: cannot create directory '/tmp/shares': File exists
vboxuser@linuxxxx:~$ sudo echo '/tmp/shares *(rw)' | sudo tee -a /etc/exports /t
mp/shares *(rw)
tee: /tmp/shares: Is a directory
/tmp/shares *(rw)
vboxuser@linuxxxx:~$ sudo exportfs -a
exportfs: /etc/exports [1]: Neither 'subtree_check' or 'no_subtree_check' speci
fied for export "*:/tmp/shares".
  Assuming default behaviour ('no_subtree_check').
  NOTE: this default has changed since nfs-utils version 1.0.x

vboxuser@linuxxxx:~$ sudo mount -t nfs localhost:/tmp/shares /mnt
vboxuser@linuxxxx:~$ nano file.txt
vboxuser@linuxxxx:~$ scp file.txt /mnt
cp: cannot stat 'file.txt': No such file or directory
vboxuser@linuxxxx:~$ nano file.txt
vboxuser@linuxxxx:~$ scp file.txt /mnt
vboxuser@linuxxxx:~$ sudo iptables-save > /tmp/iptables-backup
vboxuser@linuxxxx:~$
```