

Lab 4

- Tasks

1. cksum securecopy.txt and save the output as screen shot.

```
[root@72c1d27a1b36 mydir]# cksum securecopy.txt
2766876939 488142 securecopy.txt
[root@72c1d27a1b36 mydir]#
```

2. open ~/mydir/securecopy.txt with nano OR vim editor and replace all "root" keywords with yourname and exit the nano.

```
@72c1d27a1b36:~/mydir
14:16:39,244 INFO multipathd:path checkers start up
14:16:39,247 INFO iscsid:iscsid: can't open InitiatorName configuration file /etc/iscsi/initi
14:16:39,247 INFO iscsid:iscsid: Warning: InitiatorName file /etc/iscsi/initiatorname.iscsi
ly formatted InitiatorName. If using software iscsi (iscsi_tcp or ib_iser) or partial offloa
le to log into or discover targets. Please create a file /etc/iscsi/initiatorname.iscsi tha
rName=iqn.yyyy-mm.<reversed domain name>[:identifier].
14:16:39,247 INFO iscsid:Example: InitiatorName=iqn.2001-04.com.redhat:fc6.
14:16:39,247 INFO iscsid:If using hardware iscsi like qla4xxx this message can be ignored.
14:16:39,247 INFO iscsid:iscsid: can't open InitiatorAlias configuration file /etc/iscsi/in
14:16:39,248 INFO systemd:Started Create Volatile Files and Directories.
14:16:39,248 INFO systemd:Reached target System Initialization.
14:16:39,248 INFO systemd:Reached target Basic System.
14:16:39,248 INFO systemd:Started Open-iSCSI.
14:16:39,248 INFO systemd:Starting dracut initqueue hook...
14:16:39,277 INFO systemd:Reloading.
14:16:39,384 INFO NetworkManager:<info> [1631715399.3840] NetworkManager (version 1.30.0-7
14:16:39,384 INFO NetworkManager:<info> [1631715399.3841] Read config: /etc/NetworkManager,
14:16:39,385 INFO NetworkManager:<info> [1631715399.3855] auth[0x557aa18666a0]: create aut
olkit is disabled and only root will be authorized.
14:16:39,386 INFO NetworkManager:<info> [1631715399.3867] manager[0x557aa1899020]: monitor
.
14:16:39,386 INFO NetworkManager:<info> [1631715399.3868] hostname: hostname: hostnamed no
not connect: No such file or directory
14:16:39,387 INFO NetworkManager:<info> [1631715399.3869] dns-mgr[0x557aa18881d0]: init: dn
nk
14:16:39,388 INFO NetworkManager:<info> [1631715399.3881] Loaded device plugin: NMTeamFacto
14:16:39,388 INFO NetworkManager:<info> [1631715399.3881] Loaded device plugin: NMTeamFacto
[root@72c1d27a1b36 mydir]# vim securecopy.txt
[root@72c1d27a1b36 mydir]# sed -i 's/root/adeem/g' securecopy.txt
[root@72c1d27a1b36 mydir]# vim securecopy.txt
[root@72c1d27a1b36 mydir]#
```

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libnm-device-plugin-team.so)

```

3. again cksum securecopy.txt and save the output as screen shot and write your observation.

```

[root@72c1d27a1b36 mydir]# vim securecopy.txt
[root@72c1d27a1b36 mydir]# cksum securecopy.txt
2993372497 488222 securecopy.txt
[root@72c1d27a1b36 mydir]#

```

- The cksum has been changed according to the change made in the file. Changing the root to my name in the second step.

4. use the find command to find yourname.txt in your environment and save the output as screen shot.

```

[root@72c1d27a1b36 mydir2]# find /root/mydir/mydir2
/root/mydir/mydir2
/root/mydir/mydir2/Adeem.txt
[root@72c1d27a1b36 mydir2]# find /root/mydir/mydir2 -iname adeem.txt
/root/mydir/mydir2/Adeem.txt
[root@72c1d27a1b36 mydir2]#
[root@72c1d27a1b36 mydir2]# cd ..
[root@72c1d27a1b36 mydir]# find -iname adeem.txt
./mydir2/Adeem.txt
[root@72c1d27a1b36 mydir]#

```

5. Use man page with the "useradd" command and save the output in "useradd-man.txt" using what you have learned in "stdin/stdout" lesson, then grep the word "password" from the "useradd-man.txt" you have created and take a screen shot for the grep output.

```
[root@72c1d27a1b36 mydir]# man useradd 1> useradd-man.txt
[root@72c1d27a1b36 mydir]# grep "password" useradd-man.txt
The number of days after a password expires until the account is permanently disabled. A value of 0 disables the account
as soon as the password has expired, and a value of -1 disables the feature.
Example: -K PASS_MAX_DAYS=-1 can be used when creating system account to turn off password aging, even though system
account has no password at all. Multiple -K options can be specified, e.g.: -K UID_MIN=100 -K UID_MAX=499
-p, --password PASSWORD
The encrypted password, as returned by crypt(3). The default is to disable the password.
Note: This option is not recommended because the password (or encrypted password) will be visible by users listing the
You should make sure the password respects the system's password policy.
The number of days after a password has expired before the account will be disabled.
the same name, same password, and same GID).
The maximum number of days a password may be used. If the password is older than this, a password change will be forced.
The minimum number of days allowed between password changes. Any password changes attempted sooner than this will be
The number of days warning given before a password expires. A zero means warning is given only upon the day of
Shadow password suite configuration.
can't update password file
[root@72c1d27a1b36 mydir]# grep -c "password" useradd-man.txt
15
[root@72c1d27a1b36 mydir]#
```

- **Additional Challenge:**

1. use the diff command on /var/log/anaconda/syslog and ~/mydir/securecopy.txt file and save the output as screen shot.

```
@72c1d27a1b36~
-14:17:48,062 WARNING org.fedoraproject.Anaconda.Modules.Network:DEBUG:anaconda.modules.network.network:/mnt/sysroot/etc/sysconfig/netw
ork-scripts/ifcfg-ens3:
+14:17:48,062 WARNING org.fedoraproject.Anaconda.Modules.Network:DEBUG:anaconda.modules.network.network:/mnt/sysdeem/etc/sysconfig/net
work-scripts/ifcfg-ens3:
14:17:48,062 WARNING org.fedoraproject.Anaconda.Modules.Network:DEBUG:anaconda.modules.network.network:TYPE=Ethernet
14:17:48,062 WARNING org.fedoraproject.Anaconda.Modules.Network:DEBUG:anaconda.modules.network.network:PROXY_METHOD=None
14:17:48,062 WARNING org.fedoraproject.Anaconda.Modules.Network:DEBUG:anaconda.modules.network.network:BROWSER_ONLY=no
[root@72c1d27a1b36 ~]# diff /var/log/anaconda/syslog ~/mydir/securecopy.txt
241,245c241,245
< 14:16:33,630 INFO kernel:pci_bus 0000:00: root bus resource [io 0x0000-0x0cf7 window]
< 14:16:33,630 INFO kernel:pci_bus 0000:00: root bus resource [io 0x0d00-0xffff window]
< 14:16:33,630 INFO kernel:pci_bus 0000:00: root bus resource [mem 0x000a0000-0x000bffff window]
< 14:16:33,630 INFO kernel:pci_bus 0000:00: root bus resource [mem 0xc0000000-0xfebfffff window]
< 14:16:33,630 INFO kernel:pci_bus 0000:00: root bus resource [bus 00-ff]
---
> 14:16:33,630 INFO kernel:pci_bus 0000:00: adeem bus resource [io 0x0000-0x0cf7 window]
> 14:16:33,630 INFO kernel:pci_bus 0000:00: adeem bus resource [io 0x0d00-0xffff window]
> 14:16:33,630 INFO kernel:pci_bus 0000:00: adeem bus resource [mem 0x000a0000-0x000bffff window]
> 14:16:33,630 INFO kernel:pci_bus 0000:00: adeem bus resource [mem 0xc0000000-0xfebfffff window]
> 14:16:33,630 INFO kernel:pci_bus 0000:00: adeem bus resource [bus 00-ff]
519c519
< 14:16:38,726 WARNING rpc.statd:Running as root. chown /var/lib/nfs/statd to choose different user
---
> 14:16:38,726 WARNING rpc.statd:Running as adeem. chown /var/lib/nfs/statd to choose different user
584c584
< 14:16:39,385 INFO NetworkManager:<info> [1631715399.3855] auth[0x557aa18666a0]: create auth-manager: D-Bus connection not available.
Polkit is disabled and only root will be authorized.
---
> 14:16:39,385 INFO NetworkManager:<info> [1631715399.3855] auth[0x557aa18666a0]: create auth-manager: D-Bus connection not available.
Polkit is disabled and only adeem will be authorized.
662c662
< 14:16:50,382 INFO systemd:Starting Plymouth switch root service...
---
> 14:16:50,382 INFO systemd:Starting Plymouth switch adeem service...
691c691
< 14:16:50,394 INFO systemd:started Plymouth switch root service.
---
```