Assignment 5

Configure your system in such a way that any user of your system creates a file then there should not be permission to do any activity in that file.

Solution:

Steps:

To set default permission of a file creation we can use umask command.

1. To apply this configuration to all users of system we have to add umask permission in bashrc file of /etc directory.

Become root user using sudo su command.
>> sudo su

```
sigmoid@sigmoid:~$ sudo su
[sudo] password for sigmoid:
root@sigmoid:/home/sigmoid#
```

Go the /etc dir and look for bashrc file.
>> cd /etc
>> ls bashrc

```
root@sigmoid:/home/sigmoid# cd /etc
root@sigmoid:/etc# ls bashrc
bashrc
root@sigmoid:/etc#
```

2. Open the file using file editor like vi or nano
>> nano basrc

```
root@sigmoid:/etc# nano bashrc
root@sigmoid:/etc#
```

3. Set default configuration for file permission
umask u-rwx

```
#setting default file permission
umask u-rwx
```

save the file

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4. After adding the configuration run source bashrc command so that configuration come into effect.
>> source bashrc

```
root@sigmoid:/etc# source bashrc
root@sigmoid:/etc#
```

Now if a user creates a file he will not able to any activity in that file.

```
root@sigmoid:/etc# touch testpermission
root@sigmoid:/etc# ls -ltr testpermission
----r--r-- 1 root root 0 Feb  9 16:21 testpermission
root@sigmoid:/etc#
```