

Add User To Root Group In Ubuntu Linux

Every Linux user has a home directory. In the case of the root user, the home directory is /root.

```
user@ubuntu:~$ sudo useradd -s /bin/bash user
user@ubuntu:~$ sudo passwd user
[sudo] password for root:
root@ubuntu:~$
```

What to do




We can add other users to the root group using the usermod command:

```
usermod -aG root sysadmin
```

You would expect sysadmin to have unlimited privileges to the Ubuntu system since he is now a member of the root group. But the answer is NO, the user will not get administrative privileges.

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Manage options

Consent



```
root@ubuntu-server:~#  
root@ubuntu-server:~# usermod -aG root sysadmin  
root@ubuntu-server:~#  
root@ubuntu-server:~# su sysadmin  
sysadmin@ubuntu-server:/root$  
sysadmin@ubuntu-server:/root$ groups  
sysadmin root  
sysadmin@ubuntu-server:/root$  
sysadmin@ubuntu-server:/root$ apt-get update  
Reading package lists... Done  
E: Could not open lock file /var/lib/apt/lists/lock - open (13: Permission denied)  
E: Unable to lock directory /var/lib/apt/lists/  
W: Problem unlinking the file /var/cache/apt/pkgcache.bin - RemoveCaches (13: Permission denied)  
W: Problem unlinking the file /var/cache/apt/srcpkgcache.bin - RemoveCaches (13: Permission denied)  
sysadmin@ubuntu-server:/root$
```

As you can see the sysadmin user does not have administrative privileges. Ubuntu prevent this as a security measure, otherwise it gives unlimited privileges to the normal user.

Granting privileges using [sudoers](#) is the preferred method in Ubuntu Linux.

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