

## sudo Permission On Server - effective uid is not 0, is sudo installed setuid root?

Got into this issue on the server, when trying to install `mysql-server`.

```
[zahmed@ahmed-server ~]$ sudo yum install mysql-server
sudo: effective uid is not 0, is sudo installed setuid root?
[zahmed@ahmed-server ~]$ sudo su
sudo: effective uid is not 0, is sudo installed setuid root?
```

Checking the permissions from the root login, looks messed up.

```
[root@ahmed-server home]# ls -l /usr/bin/sudo
---x--x--x. 1 root root 123832 Nov 22 2013 /usr/bin/sudo
```

Setting uid to sudo and proper permissions.

```
[root@ahmed-server home]# chmod 4755 /usr/bin/sudo
```

Lets check the permissions now and take it for a spin.

```
[root@ahmed-server home]# ls -l /usr/bin/sudo
-rwsr-xr-x. 1 root root 123832 Nov 22 2013 /usr/bin/sudo
[root@ahmed-server home]# su zahmed
[zahmed@ahmed-server home]$ sudo su
[root@ahmed-server home]#
```

We are all set. Below are few bit setting options.

```
#To add the setuid bit
chmod 4755 /usr/bin/filename
```

```
#To set the setgid bit
chmod 2755 /usr/bin/filename
```

```
#To set both the setuid bit and the setgid bit
chmod 6755 /usr/bin/filename
```