DEVOPS INSTITUTE MUMBAI

LINUX MODULE

. SUDO

SUDO

sudo gives power to a normal user to execute commands which is owned by root user.
Example shown below:

If a user has already full sudoers privilege, it can become a root user anytime.
sudo -i changes from normal user to root user

```
imran@DevOps:~/linux-practices$ id
uid=1000(imran) gid=1000(imran) groups=1000(imran),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),113(lpadmin
),128(sambashare),130(docker),1006(dev_dock_gr)
imran@DevOps:~/linux-practices$ sudo -i
[sudo] password for imran:
root@DevOps:~# id
uid=0(root) gid=0(root) groups=0(root)
root@DevOps:~#
```

SUDO

Note: User imran was already a sudo user with full privilege.

Adding user sam in sudoers list.

```
imran@DevOps:~/linux-practices$ sudo -i
root@DevOps:~# export EDITOR=vim
root@DevOps:~# visudo
```

SUDO

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Like a user a group can also be added into sudoers list.

```
# Members of the admin group may gain root privileges
%admin ALL=(ALL) ALL
```

Every time you enter sudo command it asks your own password. To turn that off use NOPASSWD in sudoers file.

```
# User privilege specification
root    ALL=(ALL:ALL) ALL
sam     ALL=(ALL:ALL) NOPASSWD: ALL
```

SUDO

Changing to any other user with "su -" command.

```
imran@DevOps:~/linux-practices$ su - sam
Password:
sam@DevOps:~$
```

Become a root user from sam user login.

```
sam@DevOps:~$ sudo -i
root@DevOps:~#
```