Devops Day 9

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User management

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this is the important topic in linux

using creat users

in linux default users

root-----id------0

system users---id ---1-999

ec2-user---id----1000

you can created normal users id start with

1001-60000

u can create users are called normal users

useradd/adduser

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to can create normal users in a linux

Ex:useradd anu

adduser naresh

---u can create user by default id also created

---how to check ids

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cat /etc/passwd

tail -2 /etc/passwd

u can create users by default group also created

group id also created

how to check groups/group id in linux

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cat /etc/group

tail -2 /etc/group

u can created user by default home directory/folder also created

How to goto home directory

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---my home directory

ex:cd ~

passwd

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to give the password to users

and change the password also

Ex:passwd anu

give any password

re -type

enter

How to check the users imformation in linux

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cat /etc/passwd

How to check the password imformation in linux

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cat /etc/shadow

userdel

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to delete the users in linux

by default group also deleted

groupdel

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to delete the groups in linux

eX:groupdel groupname

change user id

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ex:usermod -u giveanyid username

change username

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ex:usermod -l newusername oldusername

ex: usermod -l anu siri

change group id

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ex:groupmod -g anyid groupname

change group name

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ex:groupmod -n newname oldname

Ex: groupname -n devops1 devops

how to lock the users

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ex:usermod -L username

ex;usermod -L siri

How to unlock the users

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Ex: usermod -U username

Ex:usermod -U siri

adding the users to group

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adding single user

Ex:gpasswd -a username groupname

adding Multiple users

Ex:gpasswd -M username groupname

adding admin privilages in group

Ex:gpasswd -A username groupname

to user delete from group

Ex:gpasswd -d username groupname

how to check group details admin is created r not

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check the file

cat /etc/gshadow

to add the permissions to users

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go to sudoers file

vim /etc/sudoers

insert mode give (i)

then add username with ALL

escape mode

give :wq!+enter

## Allow root to run any commands anywhere

root ALL=(ALL) ALL

naresh ALL=(ALL) ALL

siri ALL=(ALL) ALL

Login as a normal user

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---create user with password

------go to sshd\_config file

---vim /etc/ssh/sshd\_config

# restarting sshd in the default instance launch configuration.

PasswordAuthentication no

PermitEmptyPasswords no

change passwordAuthentication no to yes

PasswordAuthentication yes

then save escapemode ,:wq+enter

--restart the sshd software

--systemctl restart sshd

login as- username

give password

logged in

Note:u can stop the sshd software u can not login linux server