Day ---15

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EFS

Elastic File System:

using efs to update or modify or delete the data in one server

reflect in other servers also

------you select no of instances

step1:first create security group

give any name

add rule nfs

server1 private ip/32

server2 ip/32

save security group

step2

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search efs

give efs name

default vpc

click customize

duration giving none

then create

add availability zones with

add my created security group

then create efs

then attach

using the nfs cleint

sudo mount -t nfs4 -o nfsvers=4.1,rsize=1048576,wsize=1048576,

hard,timeo=600,retrans=2,noresvport

fs-00a3fb969a566e70b.efs.ap-south-1.amazonaws.com:/ efs

step3

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connect server1

create dirctory

mkdir instance1

copy paste nfs client

sudo mount -t nfs4 -o nfsvers=4.1,rsize=1048576,wsize=1048576,

hard,timeo=600,retrans=2,noresvport

fs-00a3fb969a566e70b.efs.ap-south-1.amazonaws.com:/ instance1

step4

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step3

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connect server2

create dirctory

mkdir instance2

copy paste nfs client

sudo mount -t nfs4 -o nfsvers=4.1,rsize=1048576,wsize=1048576,

hard,timeo=600,retrans=2,noresvport

fs-00a3fb969a566e70b.efs.ap-south-1.amazonaws.com:/ instance2

then u will create file in server1

then reflect in server2 also

then u delete file in server1

then reflect in server2 also

then u modify file in server1

then reflect in server2 also

set to password to ec2-user

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connect one server

change as root user

passwd ec2-user

give password

ex:123

confirm password

ex:123

sussessfull set

then

vim /etc/ssh/sshd\_config

password authentication no

password authentication yes

restart the sshd service

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systemctl restart sshd

connect server using command line

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ssh ec2-user@publicip

enter password 123

then connect

password authentication normal user

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useradd swetha

passwd swetha

enter password 123

confirm password 123

sussessful set

go to command line

ssh swetha@publicip

enter password 123

connected server

login as private key normal user

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vim /etc/ssh/sshd\_config

password authentication yes

to

password authentication no

restart the sshd server

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systemctl restart sshd

go to /home/swetha

create directory .ssh

mkdir .ssh

go to .ssh--cd .ssh

create file touch authorized\_keys

then

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go to /home/ec2-user

give ls -a

cd .ssh

ls

authorized\_keys

cat authorized keys

copy the content

then goto cd /home/swetha

ls -a

cd .ssh

ls

authorized\_keys

vim authorized\_keys

past here save

give permission

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chmod 700 .ssh

chmod 600 authorized\_keys

then

go to command line

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ssh -i key.pem swetha@publicip