

Class 18

SCP = secure copy = it is use to share the data in encrypted way , port no =22

NFS =

2 VM

Server1 = 192.168.1.7

Server2 = 192.168.1.8

Server1 :-

Scp -r foldername [root@192.168.1.8:](#) = folder

Scp filename [root@192.168.1.8](#) =file

Scp [root@192.168.1.8:/etc/passwd](#) /mnt

Rsync = it is use in take the incremental backup .port no = 873

Backup

Local

Mkdir /sqldata /backup

Cd /sqldata = touch aa bb cc

Rsync -av /sqldata /backup (-a =all , v =verbose)

Remote

Rsync -av [root@192.168.1.8:/home](#) /backup

Difference between scp and rsync

1. Scp take full backup but rsync take incremental backup
 2. Rsync copy the data in local and remote but scp only in remote
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Network Teaming

It is use to connect multiple lan card in a team and apply the single IP , at a time single lan card activate . we can connect max 32 card in a teaming

Attach 2 lan card

Ens160 , ens224

Nmcli connection show = see the lan card name

Nmcli connection add type team con-name team1 ifname team1 config '{"runner":{"name":"activebackup"}}'

nmcli connection modify team1 ipv4.addresses 192.168.1.100/24 ipv4.method manual

activate the ip

nmcli connection add type team-slave con-name slave1 ifname ens160 master team1

nmcli connection add type team-slave con-name slave2 ifname ens224 master team1

telnet = telecommunication network = it is use to take the console remotely but it is not secure because it share the console in plain text . port = 23

install the package

yum install telnet* -y

systemctl restart telnet.socket

firewall-cmd --permanent --add-service=telnet

firewall-cmd --reload

client =

linux = yum install telnet* -y

telnet 192.168.1.8

window

control panel = program and feature = allow the telnet

run -cmd - telnet 192.168.1.8

3 party software =putty

XRDP = GUI remote desktop protocol = it is use to take the GUI remotely .Port no - 3389

Yum install epel-release

Yum install xrdp* -y

Systemctl restart xrdp

Systemctl enable xrdp

Firewall-cmd --permanent --add-port=3389/tcp

Firewall-cmd --reload

Window

Run = mstsc (Microsoft terminal services) = give IP

GUI open in only 1 side at a time

SCP , Rsync , network teaming , telnet , Xrdp

SSH

