Attempt the following tasks 1. Add the cron job for every 1 minute , use an incremental backup Directory name – rno-name ( mount this to 10.10.8.200:/u01 ) Server Side (10.10.r.222) (vara-master-rno) ⎝Add the lun 10 GB ---- infra (mount point) 2……… Users to be created in infra (1.useradd.sh) ⎝group name (infra) 2300 (create users using without home directory) aws-user (2301), azure-user (2302), dB-user (2352) ⎝group name (app) 2350 app-user (2351) • After creating the above users • need to set the password policy, for every user 7 days expiry period, • make the dB-user primary group as app Share the users in client 10.10.rno.223, vara-client-rno Users should be able to change the passwd from client side 3.Before rebooting or patching the server the prechecks you need to take ? (2.pre-checks.sh) Theory Script name (3.theory-questions.sh) 4. How do you check your architecture of the cpu? 5. Mandatory file systems to build OS ? 6. How to know all the information about the package ? 7. How to know the package of the command ? 8. How to know all the config files created in all the locations installing a package ? 9. How to check the documentation of the installed packages in the directory? 10. How to check the no of processes running in your system ? Also use grep to get the exact process . 11. List few services you know ? 12. For every second Friday I need a cron job of prechecks and post this in 10.10.8.222/u01/rnoname/cron-entry 13. How to check the Inode count ? 14. Write the find command ? 15. What is your current runlevel ? 16. Entries of IP configuration file , Bonding (master,slave) ? 17. Nic card entries for enabling the speed ?

18. OSI Layers(need them in sequence) ?

19. Port Nos ? ( TCP , PING , UDP , FTP, SSH , TELNET , SMTP , DNS ,DHCP , TFTP , HTTP , HTTPS , POP3 , PO4 , NFS , NIS , RDP )

20. For configuring YUM syntax for baseurl paths (local,ftp,http,nfs)

#!/bin/bash

date

uanme -r

uptime

netstat -an

netstat -rn

lsblk

df -h

lscpu

swapon -s

free -m

#!/bin/bash

lscpu

boot, /,swap

rpm -qi <package name>

rpm -qf <whereis command>

rpm -qlc <Package>

rpm -qld <Package>

ps -ef|wc -l; ps -ef|grep -i <process name/id>

sshd, vsftpd, nfs, nis

\* \* 8-14 \* 5 /24-max/pre-checks.sh >> 10.10.8.222:/u01/24-max/cron-entry

df -i <filesystem name>

find /var -xdev -type f -ls|sort -rn --key=7|head -20

runlevel

ip configuration file

eth0

DEVICE=eth0

ONBOOT=yes

BOOTPROTO=none

IPADDR=10.10.24.222

GATEWAY=10.10.0.1

NETMASK=255.0.0.0

HWADDR=<H/W ADDR>

eth1 - SLAVE

DEVICE=eth1

ONBOOT=yes

BOOTPROTO=none

SLAVE=yes

MASTER=bond0

bond0 - MASTER

DEVICE=bond0

ONBOOT=yes

BOOTPROTO=none

IPADDR=10.10.24.222

NETMASK=255.0.0.0

GATEWAY=10.10.0.1

BONDING\_OPTS="mode=0 miimon=100 primary eth1"

NIC card ENTRY

ETHTOOL\_OPTS="duplex half speed 100 auto-neg off"

Application Layer

Presentation Layer

Session Layer

Transport Layer

Network Layer

Datalink Layer

Physical Layer

tcp-06

ping - 07

udp -17

ftp - 20,21

ssh - 22

telnet - 23

smtp - 25

dns - 53

dhcp - 67,68

tftp - 69

http - 80

https - 8080

pop3 - 110

pop2 - 109

nfs - 2049

nis - 111

rdp - 3389

yum

local

baseurl=file:///<path>

ftp

baseurl=ftp://10.10.24.222/pub/<path after pub>

http

baseurl=http://10.10.24.222/<path after html>

nfs

baseurl=nfs://10.10.24.222:<path>

#!/bin/bash

groupadd -g 2300 infra

useradd -u 2301 -g 2300 -M -d /infra/aws-user -s /bin/bash aws-user

useradd -u 2302 -g 2300 -M -d /infra/azure-user -s /bin/bash azure-user

useradd -u 2352 -g 2300 -M -d /infra/dB-user -s /bin/bash dB-user

echo "aws-user"|passwd --stdin "aws-user"

echo "azure-user"|passwd --stdin "azure-user"

echo "dB-user"|passwd --stdin "dB-user"

mkdir /infra/aws-user /infra/azure-user /infra/dB-user

cp /etc/skel/.bas\* /infra/aws-user/

cp /etc/skel/.bas\* /infra/azure-user/

cp /etc/skel/.bas\* /infra/dB-user/

chown aws-user:infra /infra/aws-user

chown azure-user:infra /infra/azure-user

chown dB-user:infra /infra/dB-user

chown aws-user:infra /infra/aws-user/.bas\*

chown azure-user:infra /infra/azure-user/.bas\*

chown dB-user:infra /infra/dB-user/.bas\*

chmod 700 /infra/aws-user

chmod 700 /infra/azure-user

chmod 700 /infra/dB-user

groupadd -g 2350 app

useradd -u 2351 -g 2350 -d /infra/app-user -s /bin/bash app-user

echo "app-user"|passwd --stdin "app-user"

passwd -x 7 aws-user

passwd -x 7 azure-user

passwd -x 7 dB-user

passwd -x 7 app-user

usermod -G app:infra dB-user

usermod -g app dB-user

id -a dB-user