**Space issue /var**

rm -rfv /var/cache/yum/\*

**How to check the size of all files**

du -sh \*

**Reboot**

init 6

**Kernal Update**

cat /etc/issue

cat /etc/redhat-release

rpm -qf /etc/issue

rpm -qf /etc/redhat-release

uname -a

cat /etc/issue.net

**Here is simple checklist of things for the patching team:-**

**Prior to patching:**

Check console or VCenter access

Contact the process owners to stop services.

check current kernel (UEK or non-UEK). Identify the OS level. Mostly are redhat, oracle linux and very few RHEL4'sand centos.

Check and register the servers with satellite if needed. (Discontinue updates from public or local repo's once setup with satellite)

**Patching:**

yum install kernel Or yum install kernel-uek

yum update --security --exclude=kernel\* -y

If you get below message:

Package kernel-(number).x86\_64 already installed and latest version

Nothing to do

check followings: cat /etc/yum.repos.d/public-yum-ol6.repo

In this file the UEK updates were disabled by default(enabled=0)

**Pre-reboot:**

Issue "mount -a" so that any stale or problematic file systems can be identified and commented out in fstab.

Check /boot/grub/grub.conf to make sure that it boots with the new kernel

**Post-reboot:**

Verify kernel (uname -a)

yum update redhat-release ; yum clean all

Communicate to the process owners to start the processes and validate.

**How to check the Kerne**l

uname -r

**Check sever if its Virtual or Physical**

dmidecode | grep VM

**SMO & SnapDrive Installation Process**

scp -pr (location) af01559@ip:location

rpm -ivh netapp.snapdrive.linux\_x86\_64\_5\_3\_1.rpm

chmod +x packagename

./packagename

smo\_server start

**TIDAL AGENT STOP AND START**

/etc/init.d/tidal-prod stop

/etc/init.d/tidal-prod start

ps -ef | grep -i tidal

**AUDITD SERVICE ISSUE**

service auditd status

service auditd restart

chkconfig auditd on

**HOW TO CHECK WHICH SERVICES IS STARTED AFTER REBOOT**

nmap (ip address)

**RPCBIND ISSUE**

service rpcbind status

service rpcbind restart

chkconfig rpcbind on

**How To Find the file**

find /patch -name (file name)

**Qradar trouble shooting Steps**

**1.** IP address of log source

ifconfig

**2.** IP address in qradar.cfg folder here.

cat /opt/tail2syslog/qradar.cfg

**3.** Is UDP/517 open from log source to collector?

nmap -sU -p 517 <collector\_ip>

nc -vzu <collector\_ip> 517

**4.** Is tail2syslog running?

ps -ef | grep tail2sys

**If not restart:**

/opt/tail2syslog/tail2syslog.pl -i rh -a -f authpriv.notice -c /opt/tail2syslog/qradar.cfg -u -p 517

**5.** /opt/tail2syslog/tail2syslog.pl -v

**6.** cat /opt/tail2syslog/File/Tail.pm | grep -i 1.3

**How to Solve the library issue on new Builds**

1. Yum clean all

2 . yum repolist ; depending on output TEST/DEV/PROD or BUILD run the one of the corresponding OPTIONAL RPMS below

BuILD OPTIONAL RPMS

rhn-channel -a -c ael-7-build-redhat-linux-x86\_64-server-optional-7

PROD-OPTIONAL RPMS

rhn-channel -a -c ael-7-prod-redhat-linux-x86\_64-server-optional-7

TEST OPTIONAL RPMS

rhn-channel -a -c ael-7-test-redhat-linux-x86\_64-server-optional-7

DEV OPTIONAL RPMS

rhn-channel -a -c ael-7-dev-redhat-linux-x86\_64-server-optional-7

**i**d/password satadmin

3. yum install compat-libstdc++-33-3.2.3-72.el7.i686 libstdc++ libstdc++.i686 ksh -y

**Un-installing/Reinstalling ITM Agent**

mount va10p40055:/pub/post\_install/new\_build /mnt

cd /mnt

ksh checkitmos\_new.ksh

/opt/IBM/ITM/bin/itmcmd agent -f stop lz

cd /opt/IBM/ITM/bin

./uninstall.sh

mkdir /mnt1

mount va10p40055:/pub/FP5/lz\_063005000\_LINUX /mnt1

cd /mnt1

./itmInstall.ksh -f ./itm\_install\_ITMP1\_nonprod.txt

cd /mnt

ksh checkitmos\_new.ksh

**How Change User Password**

passwd userid

**How to Find out the Vcenter for VM (server)**

[root@va10p40055 ~]# cat /opt/admin/VMware-vcenter-and-clusternames | grep -i va10plvjra309

va10plvjra309.wellpoint.com-5373f6cd-59f6-414f-8d90-21f28dd1a0f3 VA10-Production-14 va10pavvvc001

**How To Rset Failed Login Count**

pam\_tally2 --reset --user ac55244

**Mail a file from Server**

cat FILENAME | mailx -s "FILENAME" [syedali@us.ibm.com](mailto:syedali@us.ibm.com)

**To check if there was any error**

echo $?

**SMO snapshot.create.timeout=900000**

cd /opt/NetApp/smo/properties

ls

ps -ef | grep -i smo

/etc/init.d/smo\_server stop

vi smo.config

/etc/init.d/smo\_server start

**How to Increase Disk in VMware**

fdisk -l | grep Disk | grep dev **or** fdisk -l | grep ^Disk

lvs

pvs

vgs

echo 1 > /sys/block/**sda**/device/rescan

disk -l | grep ^Disk

fdisk -l /dev/**sda** (**diskname**)

fdisk /dev/**sda** (**diskname**)

P

N

E

N

T

8e

P

V

W

fdisk -l /dev/**sda** <--(**diskname**)

pvcreate /dev/**sda5**

partprobe

**if any error then we may need to reboot server**

pvcreate /dev/**sda5**

vgextend **appvg** /dev/**sda5**

vgs

lvs

lvextend -L +**210**G /dev/mapper/**appvg-apps**

resize2fs /dev/mapper/appvg-apps

df -h /apps

**How To Copy SSH Key From RMM Servers**

1. login to the server and reset root passwd

cp -p /etc/shadow /etc/shadow.pre-rackware

echo "temp4now"|passwd --stdin root

2 Enable root sshd

cp -p /etc/centrifydc/ssh/sshd\_config /etc/centrifydc/ssh/sshd\_config.pre-rackware

sed -i 's/PermitRootLogin no/PermitRootLogin yes/g' /etc/centrifydc/ssh/sshd\_config

3. Restart ssh

/etc/init.d/centrify-sshd restart

4. Go to RMM server

cd .ssh

ls -lrt

cat id\_rsa.pub

copy the output and past it in the server u need the ssh key transfer

cd .ssh

ls -lrt

vi authorized\_keys

chmod 600 authorized\_keys

4. From RMM shh-copy-id IPADDR trying this if this works

====================================For None Centrified ============================================

2 Enable root sshd

cp -p /etc/ssh/sshd\_config /etc/ssh/sshd\_config.pre-rackware

sed -i 's/PermitRootLogin no/PermitRootLogin yes/g' /etc/ssh/sshd\_config

3. Restart ssh

/etc/init.d/sshd restart