**Task -> Upgrade Centos 7.6 to 7.9 using local Repositories**

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yogendra@yogendra:~/guacamole/videos/guacd/video-recording$ **ssh 192.168.122.54**

yogendra@192.168.122.54's password:

Last login: Thu Dec 29 21:59:22 2022 from gateway

[yogendra@cent ~]$ **cat /etc/os-release**

NAME="CentOS Linux"

VERSION="7 (Core)"

ID="centos"

ID\_LIKE="rhel fedora"

VERSION\_ID="7"

PRETTY\_NAME="CentOS Linux 7 (Core)"

ANSI\_COLOR="0;31"

CPE\_NAME="cpe:/o:centos:centos:7"

HOME\_URL="https://www.centos.org/"

BUG\_REPORT\_URL="https://bugs.centos.org/"

CENTOS\_MANTISBT\_PROJECT="CentOS-7"

CENTOS\_MANTISBT\_PROJECT\_VERSION="7"

REDHAT\_SUPPORT\_PRODUCT="centos"

REDHAT\_SUPPORT\_PRODUCT\_VERSION="7"

[yogendra@cent ~]$ **cat /etc/redhat-release**

CentOS Linux release 7.6.1810 (Core)

[yogendra@cent ~]$ uname -r

3.10.0-957.el7.x86\_64

[yogendra@cent ~]$

[yogendra@cent ~]$ **lsblk**

NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT

sr0 11:0 1 4.4G 0 rom

vda 252:0 0 20G 0 disk

├─vda1 252:1 0 1G 0 part /boot

└─vda2 252:2 0 19G 0 part

├─centos-root 253:0 0 17G 0 lvm /

└─centos-swap 253:1 0 2G 0 lvm [SWAP]

[yogendra@cent ~]$ **df -Th**

Filesystem Type Size Used Avail Use% Mounted on

/dev/mapper/centos-root xfs 17G 1.2G 16G 7% /

devtmpfs devtmpfs 484M 0 484M 0% /dev

tmpfs tmpfs 496M 0 496M 0% /dev/shm

tmpfs tmpfs 496M 13M 483M 3% /run

tmpfs tmpfs 496M 0 496M 0% /sys/fs/cgroup

/dev/vda1 xfs 1014M 160M 855M 16% /boot

tmpfs tmpfs 100M 0 100M 0% /run/user/1000

[yogendra@cent ~]$ **mount /dev/sr0 /mnt/**

[sudo] password for yogendra:

mount: /dev/sr0 is write-protected, mounting read-only

[yogendra@cent ~]$ **df -Th**

Filesystem Type Size Used Avail Use% Mounted on

/dev/mapper/centos-root xfs 17G 1.2G 16G 7% /

devtmpfs devtmpfs 484M 0 484M 0% /dev

tmpfs tmpfs 496M 0 496M 0% /dev/shm

tmpfs tmpfs 496M 13M 483M 3% /run

tmpfs tmpfs 496M 0 496M 0% /sys/fs/cgroup

/dev/vda1 xfs 1014M 160M 855M 16% /boot

tmpfs tmpfs 100M 0 100M 0% /run/user/1000

/dev/sr0 iso9660 4.4G 4.4G 0 100% /mnt

[yogendra@cent ~]$ **mount /dev/sr0 /mnt/**

[sudo] password for yogendra:

mount: /dev/sr0 is write-protected, mounting read-only

[yogendra@cent ~]$ **df -Th**

Filesystem Type Size Used Avail Use% Mounted on

/dev/mapper/centos-root xfs 17G 1.2G 16G 7% /

devtmpfs devtmpfs 484M 0 484M 0% /dev

tmpfs tmpfs 496M 0 496M 0% /dev/shm

tmpfs tmpfs 496M 13M 483M 3% /run

tmpfs tmpfs 496M 0 496M 0% /sys/fs/cgroup

/dev/vda1 xfs 1014M 160M 855M 16% /boot

tmpfs tmpfs 100M 0 100M 0% /run/user/1000

/dev/sr0 iso9660 4.4G 4.4G 0 100% /mnt

[yogendra@cent ~]$ **cd /etc/yum.repos.d/**

[yogendra@cent yum.repos.d]$ **ls**

local.repo old repo5.6

[yogendra@cent yum.repos.d]$ **vi local.repo**

[yogendra@cent yum.repos.d]$ **cat local.repo**

[localrepo]

name=Centos7.9

gpgcheck=0

enabled=1

baseurl=file:///mnt/

[yogendra@cent yum.repos.d]$ **yum clean all**

Loaded plugins: fastestmirror

Cleaning repos: localrepo

Cleaning up list of fastest mirrors

Other repos take up 18 M of disk space (use --verbose for details)

[yogendra@cent yum.repos.d]$ **yum repolist**

Loaded plugins: fastestmirror

Determining fastest mirrors

repo id repo name status

!localrepo Centos7.9 4,021

repolist: 4,021

[yogendra@cent yum.repos.d]$ **yum update**

Loaded plugins: fastestmirror

You need to be root to perform this command.

[yogendra@cent yum.repos.d]$ sudo yum update

Loaded plugins: fastestmirror

Loading mirror speeds from cached hostfile

localrepo | 3.6 kB 00:00:00

(1/2): localrepo/group\_gz | 153 kB 00:00:00

(2/2): localrepo/primary\_db | 3.3 MB 00:00:00

Resolving Dependencies

--> Running transaction check

---> Package GeoIP.x86\_64 0:1.5.0-13.el7 will be updated

---> Package GeoIP.x86\_64 0:1.5.0-14.el7 will be an update

--> Processing Dependency: geoipupdate for package: GeoIP-1.5.0-14.el7.x86\_64

---> Package NetworkManager.x86\_64 1:1.12.0-6.el7 will be updated

---> Package NetworkManager.x86\_64 1:1.18.8-1.el7 will be an update

…

…

…

vim-minimal.x86\_64 2:7.4.629-7.el7 xfsprogs.x86\_64 0:4.5.0-22.el7

yum.noarch 0:3.4.3-168.el7.centos yum-plugin-fastestmirror.noarch 0:1.1.31-54.el7\_8

Replaced:

iwl7265-firmware.noarch 0:22.0.7.0-69.el7

Complete!

[yogendra@cent ~]$ **cat /etc/os-release**

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ID\_LIKE="rhel fedora"

VERSION\_ID="7"

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CENTOS\_MANTISBT\_PROJECT\_VERSION="7"

REDHAT\_SUPPORT\_PRODUCT="centos"

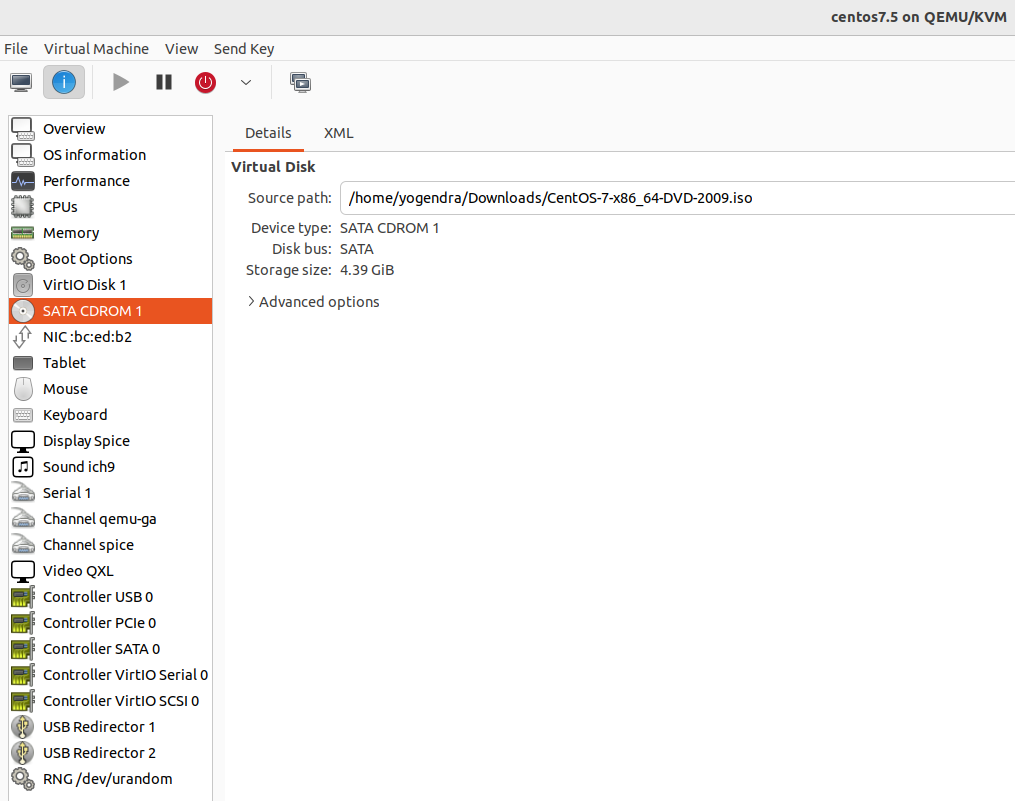
REDHAT\_SUPPORT\_PRODUCT\_VERSION="7"

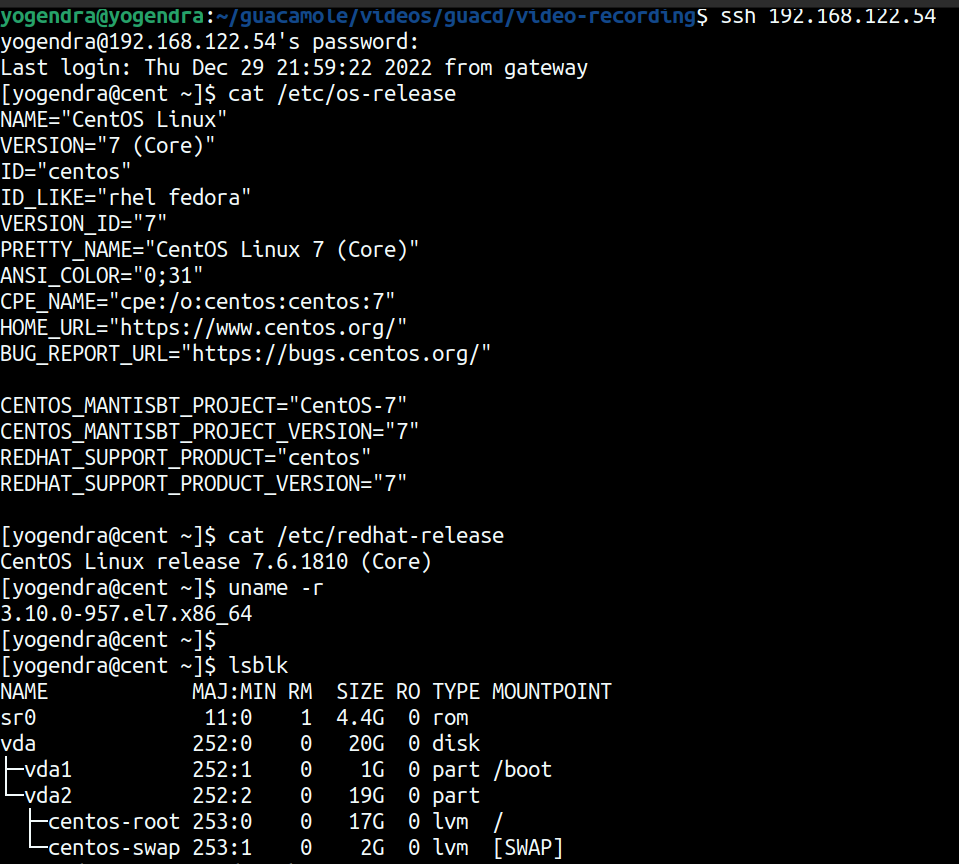
[yogendra@cent ~]$ **cat /etc/redhat-release**

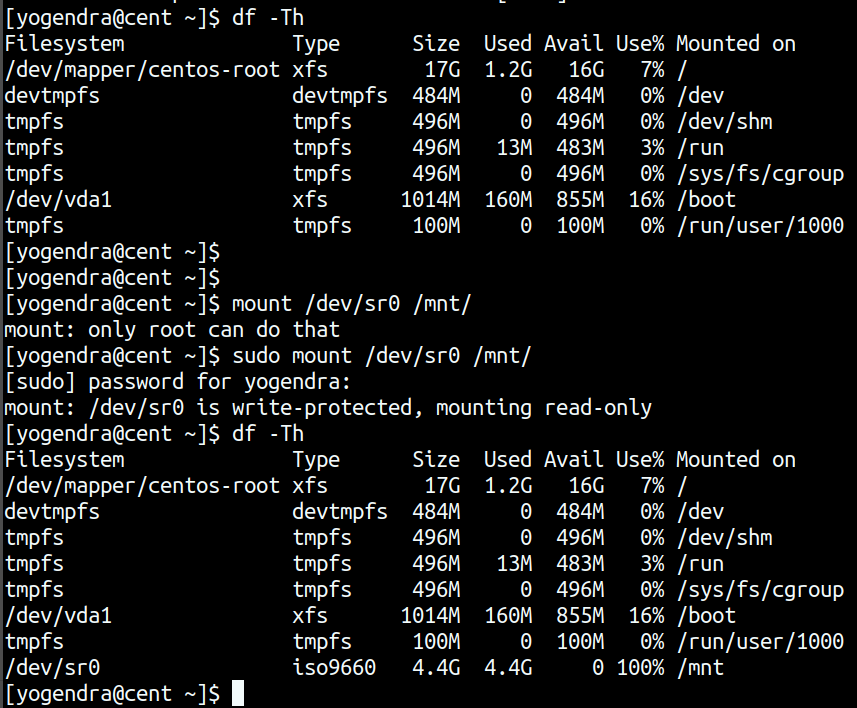
CentOS Linux release 7.9.2009 (Core)

[yogendra@cent ~]$ **uname -r**

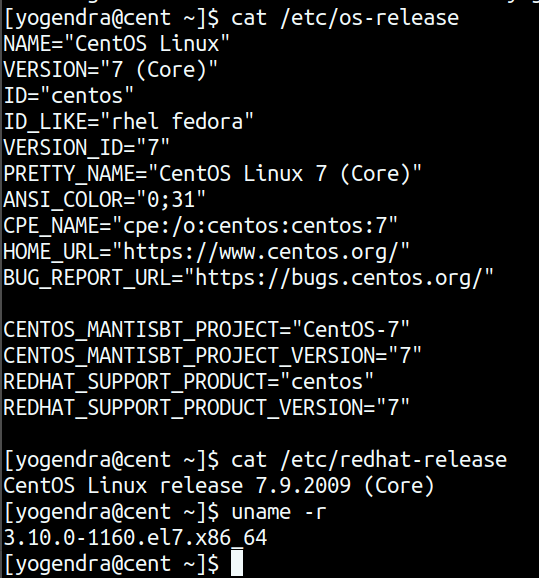
3.10.0-1160.el7.x86\_64











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