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RHEL7.9

RHEL8

## 1. local repository

```
## repository file - rhel-7
rhel-7-server-rpms
rhel-7-server-extras-rpms

## repository file - rhel-8
rhel-8-for-x86_64-baseos-rpms
rhel-8-for-x86_64-appstream-rpms
```

## 2. RHEL7.9

```
# yum update -y

# sync;sync;sync;
# reboot
```

## 3. Leapp

### leapp

```
# yum install leapp leapp-repository
```

### leapp

```
## https://access.redhat.com/articles/3664871
# wget https://access.redhat.com/node/3664871/5121/0/20659902
# tar -xzf leapp-data14.tar.gz -C /etc/leapp/files
# ls -al /etc/leapp/files/
-rw-rw-r--. 1 1000 1000 3057300 May 14 23:00 pes-events.json
-rw-rw-r--. 1 1000 1000 39703 Apr 27 16:19 repomap.csv
-rw-rw-r--. 1 1000 1000 20711 Jan 26 2021 unsupported_driver_names.json
-rw-rw-r--. 1 1000 1000 47708 Jan 26 2021 unsupported_pci_ids.json
```

## 4.

## locale

```
# cat /etc/locale.conf
LANG="en_US.UTF-8"
```

## NIC interface

NIC interface 가 ethX

- [ansible](#)
- 

## 5. leapp preupgrade

### RHEL8.4 repository

```
### rhel79 repo

# rhel-8-for-x86_64-baseos-rpms
# rhel-8-for-x86_64-appstream-rpms
```

### leapp preupgrade

```
## RHEL8
# lsmod | grep -q floppy && sudo rmmod floppy
# lsmod | grep -q pata_acpi && sudo rmmod pata_acpi

# leapp preupgrade --no-rhsm --enablerepo rhel-8-for-x86_64-baseos-rpms --
enablerepo rhel-8-for-x86_64-appstream-rpms
=====
                        UPGRADE INHIBITED
=====

Upgrade has been inhibited due to the following problems:
  1. Inhibitor: Missing required answers in the answer file
Consult the pre-upgrade report for details and possible remediation.

=====
                        UPGRADE INHIBITED
=====

Debug output written to /var/log/leapp/leapp-preupgrade.log
=====
```

## REPORT

```
=====  
A report has been generated at /var/log/leapp/leapp-report.json  
A report has been generated at /var/log/leapp/leapp-report.txt
```

```
=====  
END OF REPORT  
=====
```

```
Answerfile has been generated at /var/log/leapp/answerfile
```

```
## Answerfile
```

```
# leapp answer --section remove_pam_pkcs11_module_check.confirm=True
```

```
## preupgrade
```

```
# leapp preupgrade --no-rhsm --enablerepo rhel-8-for-x86_64-baseos-rpms --  
enablerepo rhel-8-for-x86_64-appstream-rpms
```

```
Debug output written to /var/log/leapp/leapp-preupgrade.log
```

## REPORT

```
=====  
A report has been generated at /var/log/leapp/leapp-report.json  
A report has been generated at /var/log/leapp/leapp-report.txt
```

```
=====  
END OF REPORT  
=====
```

```
Answerfile has been generated at /var/log/leapp/answerfile
```

```
##
```

## 6. leapp upgrade

### leapp upgrade

```
# leapp upgrade --no-rhsm --enablerepo rhel-8-for-x86_64-appstream-rpms --  
enablerepo rhel-8-for-x86_64-baseos-rpms  
# sudo touch /.autorelabel  
# reboot
```

## 7. RHEL8

### RHEL8.4

```
# cat /etc/redhat-release
Red Hat Enterprise Linux release 8.4 (Ootpa)

# uname -r
4.18.0-305.el8.x86_64
```

### RHEL7

```
### RHEL7
# rpm -qa | grep -e '\.el[67]' | grep -vE '^(gpg-pubkey|libmodulemd|katello-
ca-consumer)' | sort
kernel-3.10.0-1160.36.2.el7.x86_64
kernel-3.10.0-1160.el7.x86_64
leapp-0.12.0-1.el7_9.noarch
leapp-repository-0.13.0-2.el7_9.noarch
python2-leapp-0.12.0-1.el7_9.noarch
python-passlib-1.6.5-2.el7.noarch
sshpas-1.06-2.el7.x86_64
ustr-1.0.4-16.el7.x86_64

## RHEL7
# cd /lib/modules && ls -d *.el7*
3.10.0-1160.36.2.el7.x86_64 3.10.0-1160.el7.x86_64

# [ -x /usr/sbin/weak-modules ] && /usr/sbin/weak-modules --remove-kernel
3.10.0-1160.36.2.el7.x86_64
# [ -x /usr/sbin/weak-modules ] && /usr/sbin/weak-modules --remove-kernel
3.10.0-1160.el7.x86_64

##
# /bin/kernel-install remove 3.10.0-1160.36.2.el7.x86_64
/lib/modules/3.10.0-1160.36.2.el7.x86_64/vmlinuz
```

- [https://access.redhat.com/documentation/ko-kr/red\\_hat\\_enterprise\\_linux/8/html-single/upgrading\\_from\\_rhel\\_7\\_to\\_rhel\\_8/index](https://access.redhat.com/documentation/ko-kr/red_hat_enterprise_linux/8/html-single/upgrading_from_rhel_7_to_rhel_8/index)

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