

# RedHat Certified System Administrator (RHEL 9)

## SUMMARY

### YUM/DNF Tasks

- Adding a repository:  
Method1: `dnf config-manager --add-repo=URL`  
**PS:** You will need to add the line `gpgcheck=0` in `/etc/yum.repos.d/YOUR_REPO.repo` with this method.  
Method2:  
Add the repo manually:  

```
sudo vim /etc/yum.repos.d/reponame.repo
[LABEL]
name = REPO NAME
baseurl = URL
gpgcheck = 0
#gpgkey = /path/to/gpgkey(may be remote)
```

  
Check if the repo is added by : `sudo yum repolist`
- DNF Commands:  
`dnf search package`  
`dnf install package`  
`dnf whatprovides */*file_in_the_package`  
`dnf remove package`  
`dnf update package`  
`dnf list [installed | all | package]`  
`dnf info [installed | all | package]`  
`dnf group [COMMANDS]`  
`dnf module [COMMANDS]`

## RPM Query commands

- You can query the rpm command about the installed packages:
  - `rpm -qf /etc/ssh/sshd_config` : which package does this file belong to.
  - `rpm -ql [package]`: list files of the package
  - `rpm -qi [package]`: info about the package
  - `rpm -qd [package]`: docs of the package
  - `rpm -qc [package]`: conf files
  - `rpm -qa` : Lists all packages in OS