.rpm is the package name and tools to manage the package is yum/dnf and rpm

Become root before doing this exercise

1. List all the installed rpm packages

    a. rpm -qa | more

    b. rpmquery -a | more

    c. rpm -qa | wc -l

    d. rpmquery -a | wc -l

    e. rpm -qa --last

2. Check whether acl ,shadow-utils,passwd,firewalld package is installed

    a. rpm -qa acl

    b. rpm -qa | grep acl

    c. rpmquery acl

    d. rpmquery -a | grep acl

    e. rpm -q acl

3. Repeat the 2.a –e for shadow-utils,passwd and firewalld

4. Install vsftpd package

    a. Download the package from internet (vsftpd-3.0.3-49.el9.x86_64.rpm CentOS 9 Stream Download (pkgs.org))

    b. Install using rpm -ivh vsftpd…..rpm

5. Download Apache server – httpd package and before installing

    a. Check for dependencies using – rpm -qRp packagename

    b. Get info abt the package using – rpm -qip packagename

    c. Get the config files using – rpm -qcp packagename

    d. Get the docs using -rpm -qdp packagename

6. Install httpd package

7. List all files of the package using – rpm -ql vsftpd

8. Upgrade an rpm package using – rpm -Uvh packagename

9. Get info about the installed rpm package using rpm -qi packagename

10. Query the files that belongs to which rpm package

    a. rpm -qf /usr/sbin/useradd

    b. rpm -qf /etc/vsftpd

    c. rpm -qf /usr/bin/passwd

    d. rpm -qf /usr/bin/getfacl

11. List the doc and config files of the installed packages

    a. rpm -qcf /usr/bin/passwd

    b. rpm -qdf /usr/bin/passwd

    c. rpm -qcf or -qdf /etc/vsftpd

12. Remove the package using – rpm -evv or -evh packagename

13. Remove the package without checking for dependencies

    a. rpm -ev --nodeps packagename (nodeps option should be used very carefully as it will remove the package even if it is a dependency for other packages)

14. Query Format – display columns

    a. rpm -qa --queryformat '%{name}---%{release}---%{version}\n' | more

    b. rpm -qa --queryformat '%{name}---%{size}---%{release}\n' | more

    c. rpm -qa passwd --queryformat '%{name}---%{size}---%{release}\n'

    d. rpm -qa acl --queryformat '%{name}---%{size}---%{release}\n'