Ganpat University (2CSE204) Basics of Operating System and Shell Scripting

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Sem - 2

Branch: CS

Class: B

Batch: 25

Practical-11

Using RPM, perform the following tasks:

1. List the configurations files related to openssh-clients and openssh-server Command - rpm -qc openssh-clients , rpm -qc openssh-server

2. List all the information related to gedit package. Command – rpm -qi gedit

```
[sentinel@thunderbolt ~]$ rpm -qi gedit
Name : gedit
Epoch : 2
Version : 3.28.1
Release : 3.el8
Architecture: x86_64
Install Date: Mon 29 Jan 2024 02:53:00 PM EST
Group : Unspecified
Size : 14596119
License : GPLV2+ and GFDL
Signature : RSA/SHA256, Mon 01 Jul 2019 05:41:03 PM EDT, Key ID 05b555b38483c65d
Source RPM : gedit-3.28.1-3.el8.src.rpm
Build Date : Tue 14 May 2019 06:19:39 PM EDT
Build Host : x86-02.mbox.centos.org
Relocations : (not relocatable)
Packager : CentOS Buildsys <br/>Vendor : CentOS
URL : https://wiki.gnome.org/Apps/Gedit
Summary : Text editor for the GNOME desktop
Description :
gedit is a small, but powerful text editor designed specifically for
the GNOME desktop. It has most standard text editor functions and fully
supports international text in Unicode. Advanced features include syntax
highlighting and automatic indentation of source code, printing and editing
of multiple documents in one window.

gedit is extensible through a plugin system, which currently includes
support for spell checking, comparing files, viewing CVS ChangeLogs, and
adjusting indentation levels. Further plugins can be found in the
gedit-plugins package.
[sentinel@thunderbolt ~]$ S
```

3. List all the packages installed on your system. Command - rpm -qa

```
[sentinel@thunderbolt ~]$ rpm -qa
flatpak-session-helper-1.10.7-1.el8.x86_64
boost-chrono-1.66.0-13.el8.x86 64
gnome-session-wayland-session-3.28.1-19.el8.x86_64
parted-3.2-39.el8.x86 64
cyrus-sasl-plain-2.1.27-6.el8_5.x86_64
gnu-free-fonts-common-20120503-18.el8.0.1.noarch
qpdf-libs-7.1.1-10.el8.x86_64
libXxf86misc-1.0.4-1.el8.x86 64
gvfs-fuse-1.36.2-14.el8.x86_{\overline{6}4}
selinux-policy-3.14.3-117.el8.noarch
nano-2.9.8-1.el8.x86 64
mozilla-filesystem-1.9-19.el8.x86_64
totem-pl-parser-3.26.1-2.el8.x86\overline{64}
libnl3-cli-3.7.0-1.el8.x86 64
libreport-gtk-2.9.5-15.el8.x86_64
iproute-5.18.0-1.el8.x86 64
google-noto-sans-lisu-fonts-20161022-7.el8.1.noarch
dnf-data-4.7.0-15.el8.noarch
kmod-kvdo-6.2.8.7-90.el8.x86 64
```

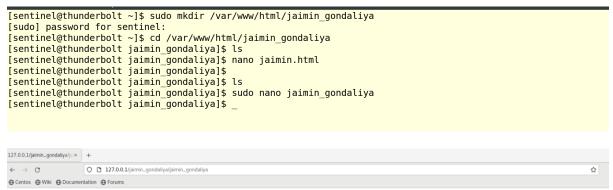
Using yum, perform the following tasks:

4. Install Apache server in your system and verify whether it is installed correctly or not. Command – sudo yum install httpd ,

[sentinel@thunderbolt ~]\$ suddicentOS Stream 8 - AppStream CentOS Stream 8 - BaseOS CentOS Stream 8 - BaseOS CentOS Stream 8 - Extras CentOS Stream 8 - Extras common CentOS Stream 8 - Extras CentOS Str	on packages		9.4 kB/s 4.4 kB 4.7 MB/s 28 MB 8.5 kB/s 3.9 kB 2.3 MB/s 10 MB 6.6 kB/s 2.9 kB 4.4 kB/s 3.0 kB 14 kB/s 7.7 kB	00:00 00:05 00:00 00:04 00:00 00:00 00:00
Package	Architecture	Version	Repository	Size
Installing: httpd Installing dependencies: apr apr-util centos-logos-httpd httpd-filesystem httpd-tools mod_http2 Installing weak dependencies: apr-util-bdb apr-util-openssl Enabling module streams: httpd	x86_64 x86_64 noarch noarch x86_64 x86_64 x86_64 x86_64	2.4.37-64.module_el8+965+1ad5c49d 1.6.3-12.el8 1.6.1-9.el8 85.8-2.el8 2.4.37-64.module_el8+965+1ad5c49d 2.4.37-64.module_el8+965+1ad5c49d 1.15.7-10.module_el8+1009+c203647a 1.6.1-9.el8 1.6.1-9.el8 2.4	appstream appstream appstream appstream appstream appstream appstream appstream appstream	1.6 M 129 k 106 k 75 k 44 k 112 k 156 k
Transaction Summary				
Install 9 Packages Total download size: 2.2 M				

Command – sudo systemctl start httpd, sudo systemctl status httpd

5. Create a directory with **your_name** at appropriate location and access the same from localhost.



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