

yActivity 2

- Install PostgreSQL Software

The screenshot shows a web browser window displaying the PostgreSQL YUM Repository website. The browser's address bar shows the URL <https://yum.postgresql.org/repopackages/>. The website content includes:

- QUICK LINKS**
 - Issue Tracker
 - Git Repo
 - Contact
- REPO RPMS**

FINDING OUT WHICH OS/ARCHITECTURE YOU ARE USING

If you do not know which OS/arch you are using, click [here to find your OS/architecture](#).

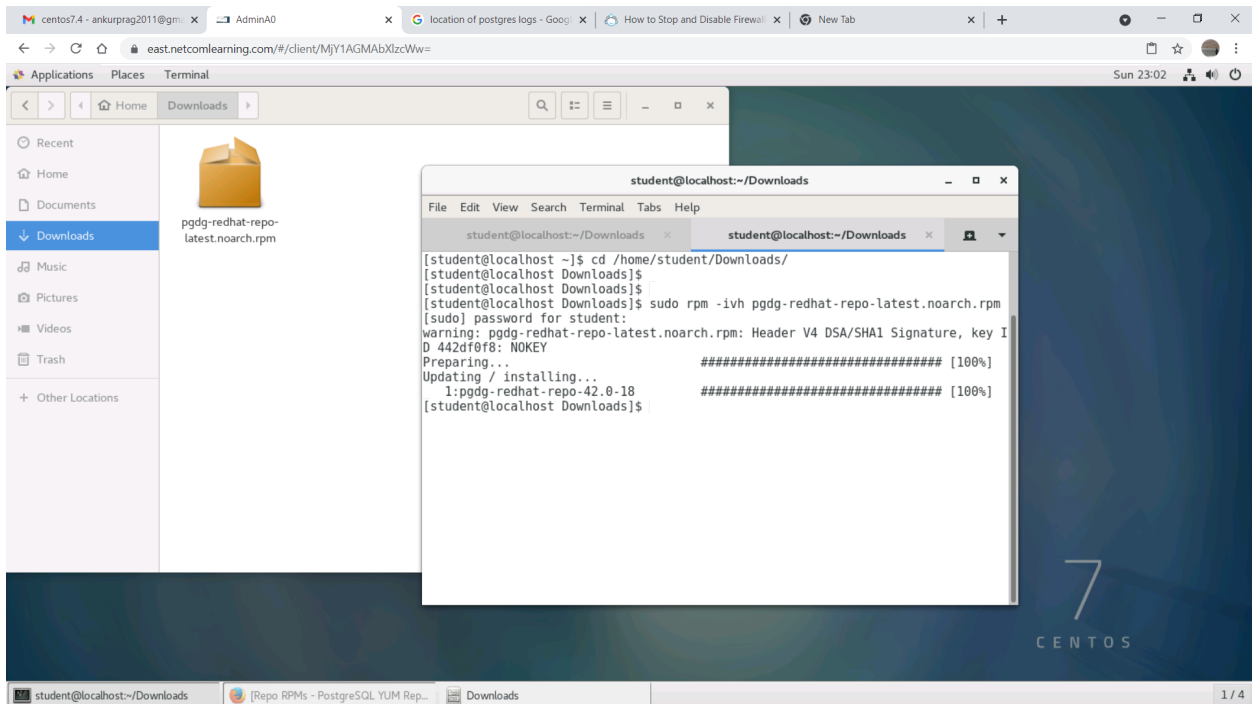
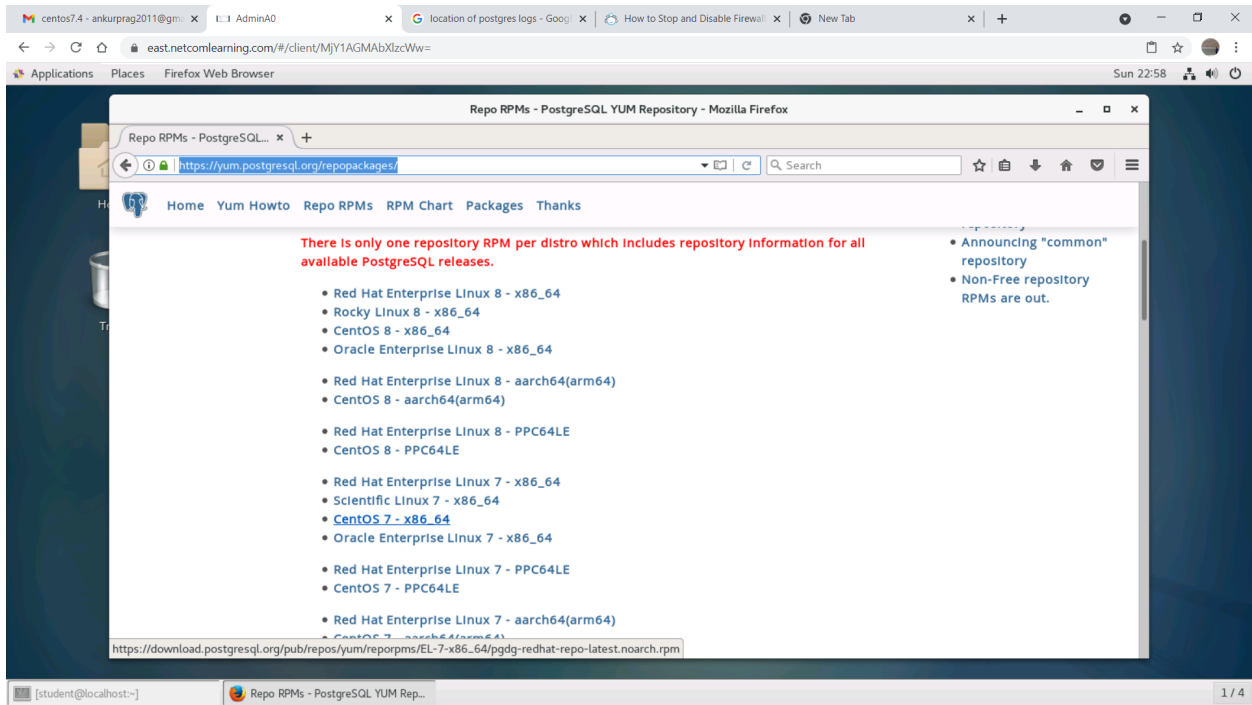
Please note that PostgreSQL YUM repository depends on the EPEL repository for some packages. RHEL/CentOS/etc. users should install the EPEL repo RPM along with PGDG repo RPMs to satisfy dependencies.

AVAILABLE REPO RPMS

There is only one repository RPM per distro which includes repository information for all available PostgreSQL releases.

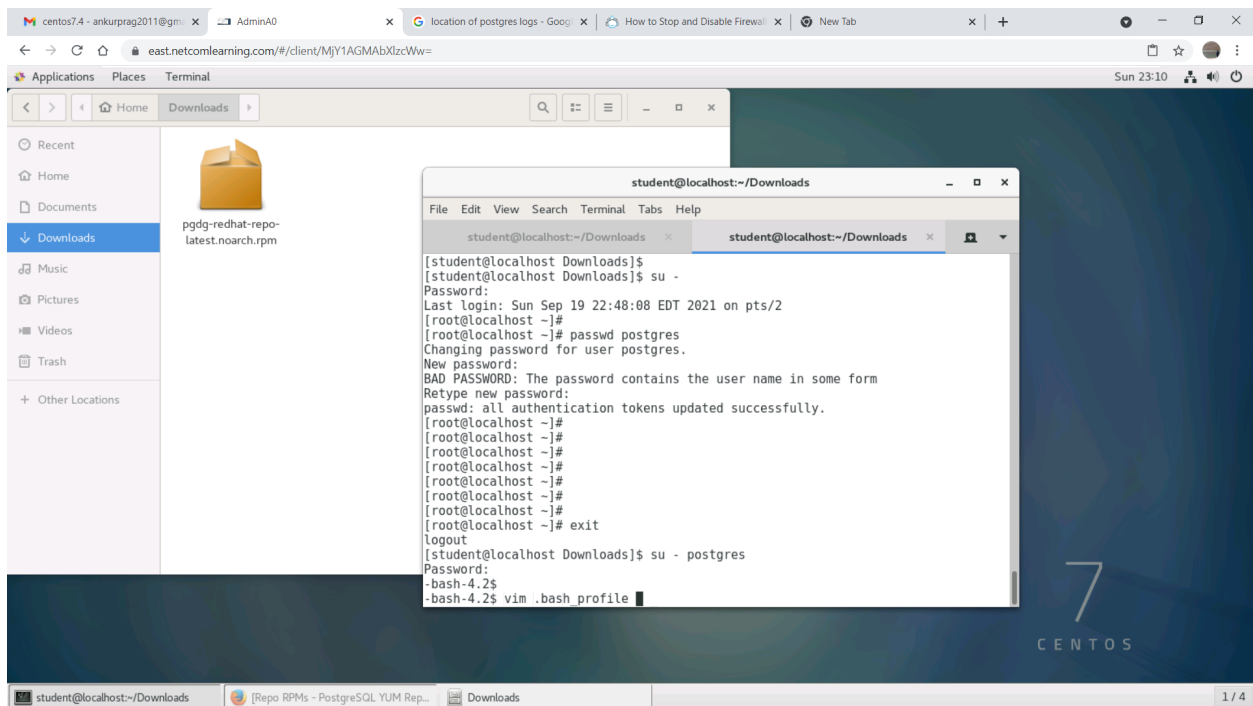
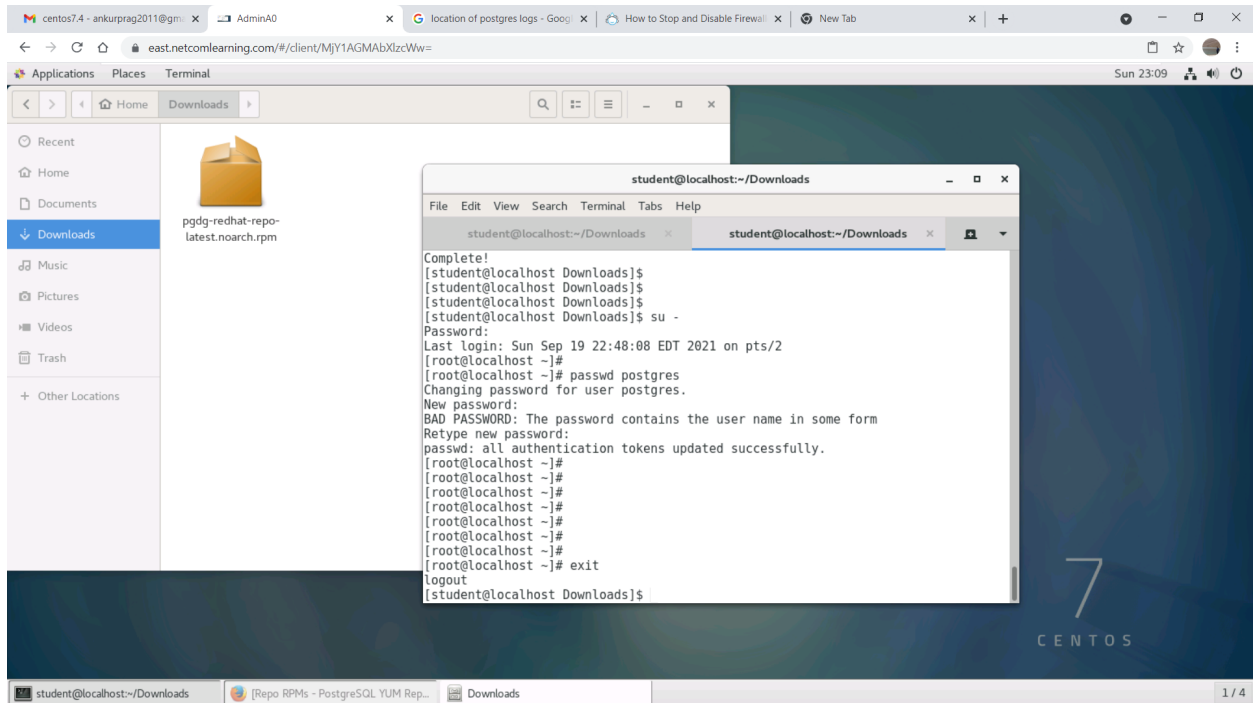
 - Red Hat Enterprise Linux 8 - x86_64
 - Rocky Linux 8 - x86_64
 - CentOS 8 - x86_64
 - Oracle Enterprise Linux 8 - x86_64
 - Red Hat Enterprise Linux 8 - aarch64 (arm64)
- NEWS**
 - Fedora 34 packages released.
 - RHEL 8 - ppc64le support
 - New repo for CentOS 8 + LLVM users
 - aarch64(arm64) support is now available
 - Some -devel RPMs require a new repository
 - Announcing "common" repository
 - Non-Free repository RPMs are out.

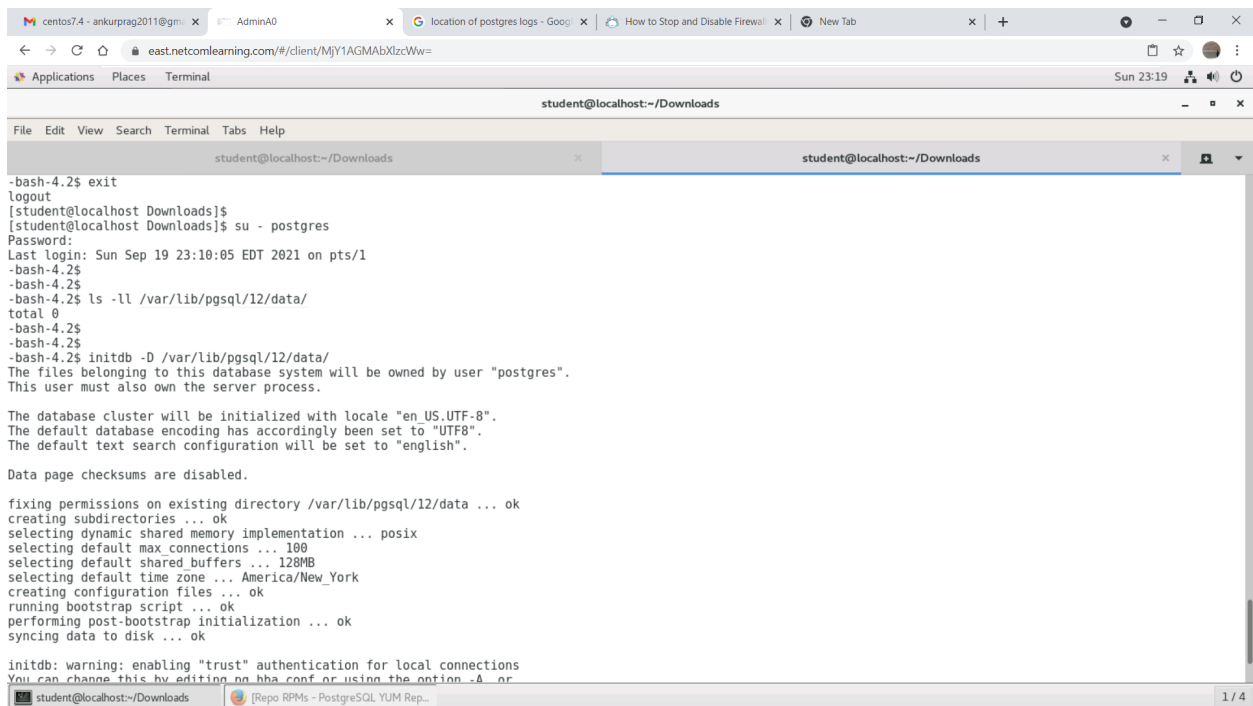
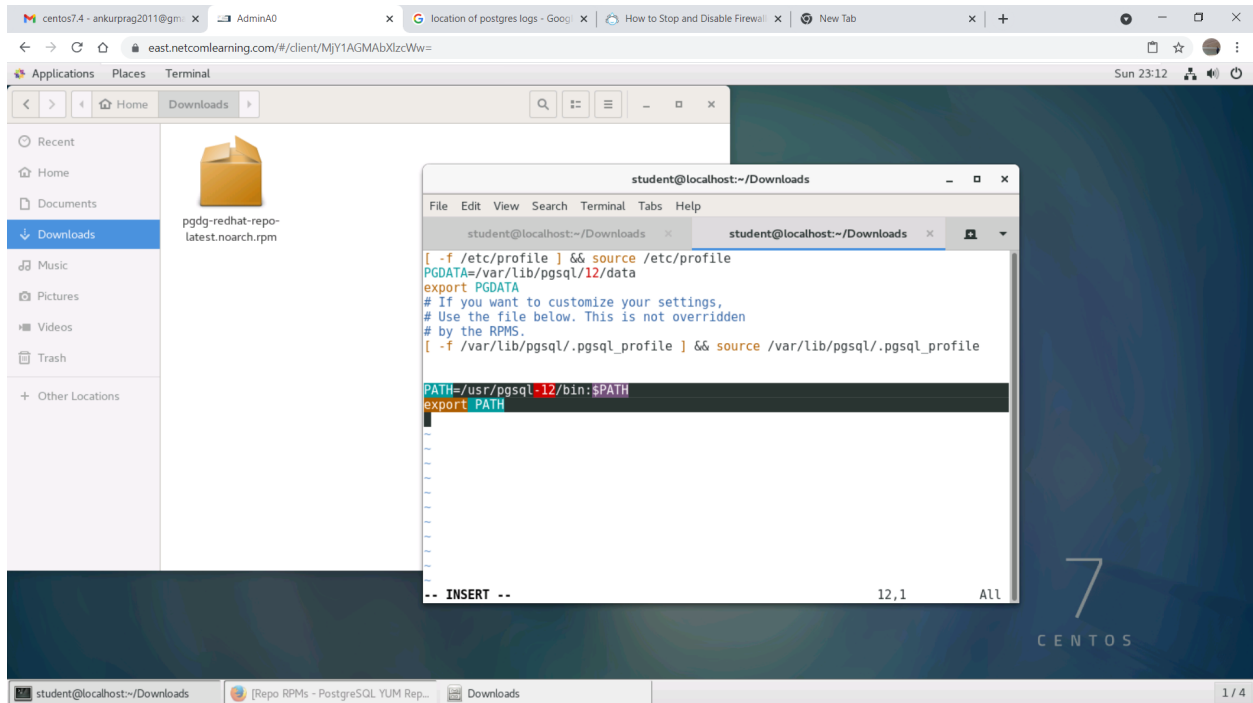
The browser's taskbar at the bottom shows the terminal window with the user `[student@localhost:~]` and the active browser window titled `Repo RPMS - PostgreSQL YUM Rep...`.



```
[student@localhost ~]$ cd /home/student/Downloads/
[student@localhost Downloads]$
[student@localhost Downloads]$ sudo rpm -ivh pgdg-redhat-repo-latest.noarch.rpm
[sudo] password for student:
warning: pgdg-redhat-repo-latest.noarch.rpm: Header V4 DSA/SHA1 Signature, key ID
D 442df0f8: NOKEY
Preparing... ##### [100%]
Updating / installing...
 1: pgdg-redhat-repo-42.0-18 ##### [100%]
[student@localhost Downloads]$
[student@localhost Downloads]$
[student@localhost Downloads]$ ls -l /etc/yum.repos.d/
total 40
-rw-r--r--. 1 root root 1664 Aug 30 2017 CentOS-Base.repo
-rw-r--r--. 1 root root 1309 Aug 30 2017 CentOS-CR.repo
-rw-r--r--. 1 root root 649 Aug 30 2017 CentOS-Debuginfo.repo
-rw-r--r--. 1 root root 314 Aug 30 2017 CentOS-fasttrack.repo
-rw-r--r--. 1 root root 630 Aug 30 2017 CentOS-Media.repo
-rw-r--r--. 1 root root 1331 Aug 30 2017 CentOS-Sources.repo
-rw-r--r--. 1 root root 3830 Aug 30 2017 CentOS-Vault.repo
-rw-r--r--. 1 root root 9792 Jun 29 08:36 pgdg-redhat-all.repo
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[student@localhost Downloads]$
[student@localhost Downloads]$
[student@localhost Downloads]$ sudo yum install postgresql12-server -y
```





```
centos7.4 - ankurprag2011@gm: x AdminA0 x location of postgres logs - Goo: x How to Stop and Disable Firewal: x New Tab x + Sun 23:21
east.netcomlearning.com/#/client/MjY1AGMabXizcWw=
Applications Places Terminal
student@localhost:~/Downloads
File Edit View Search Terminal Tabs Help
student@localhost:~/Downloads student@localhost:~/Downloads
running bootstrap script ... ok
performing post-bootstrap initialization ... ok
syncing data to disk ... ok
initdb: warning: enabling "trust" authentication for local connections
You can change this by editing pg_hba.conf or using the option -A, or
--auth-local and --auth-host, the next time you run initdb.
Success. You can now start the database server using:
    pg_ctl -D /var/lib/pgsql/12/data/ -l logfile start
-bash-4.2$
-bash-4.2$
-bash-4.2$ pg_ctl -D /var/lib/pgsql/12/data/ status
pg_ctl: no server running
-bash-4.2$
-bash-4.2$ pg_ctl -D /var/lib/pgsql/12/data/ -l start
pg_ctl: no operation specified
Try "pg_ctl --help" for more information.
-bash-4.2$
-bash-4.2$
-bash-4.2$ pg_ctl -D /var/lib/pgsql/12/data/ start
waiting for server to start....2021-09-19 23:21:43.362 EDT [3724] LOG:  starting PostgreSQL 12.8 on x86_64-pc-linux-gnu, compiled by gcc (GCC) 4.8.5 20150623 (Red Hat 4.
8.5-44), 64-bit
2021-09-19 23:21:43.362 EDT [3724] LOG:  listening on IPv6 address ":::1", port 5432
2021-09-19 23:21:43.362 EDT [3724] LOG:  listening on IPv4 address "127.0.0.1", port 5432
2021-09-19 23:21:43.377 EDT [3724] LOG:  listening on Unix socket "/var/run/postgresql/.s.PGSQL.5432"
2021-09-19 23:21:43.395 EDT [3724] LOG:  listening on Unix socket "/tmp/.s.PGSQL.5432"
2021-09-19 23:21:43.406 EDT [3724] LOG:  redirecting log output to logging collector process
2021-09-19 23:21:43.406 EDT [3724] HINT:  Future log output will appear in directory "log".
done
server started
-bash-4.2$
```

```
centos7.4 - ankurprag2011@gm: x AdminA0 x location of postgres logs - Goo: x How to Stop and Disable Firewal: x New Tab x + Sun 23:31
east.netcomlearning.com/#/client/MjY1AGMabXizcWw=
Applications Places Terminal
root@localhost:~
File Edit View Search Terminal Tabs Help
root@localhost:~ root@localhost:~
[root@localhost ~]# systemctl enable postgresql-12.service
Created symlink from /etc/systemd/system/multi-user.target.wants/postgresql-12.service to /usr/lib/systemd/system/postgresql-12.service.
[root@localhost ~]#
[root@localhost ~]#
```