refer :
https://mikesmithers.wordpress.com/2019/01/03/installing-and-configuring-oracle-18cxe-on-centos/

Step 0 :
   1. Change /etc/hosts
      127.0.0.1 localhost
      ::1   localhost
      192.168.56.4 CentOS-00

Step 1 : Downloading and installation
   1. Head over to the Downloads page(
   https://www.oracle.com/database/technologies/xe-downloads.html) and download the Oracle
   Database 18c Express Edition for Linux x64 version.

   2. If you're running a Red Hat compatible distro that's not Oracle Linux, you'll also need the Oracle
   Database Preinstall RPM for RHEL and CentOS. I'm running on CentOS7 so I'll get the Release 7
   version of this file.

   3. At this point, we should now have two rpm files :

      $ ls -l /Downloads
      -rw-rw-r--. 1 instructor   instructor   18244
      oracle-database-preinstall-18c-1.0-1.el7.x86_64.rpm
      -rw-rw-r--. 1 instructor   instructor   2574155124 oracle-database-xe-18c-1.0-1.x86_64.rpm

   4. Next, we need to become root for a bit.

      $ su

   5. Now we can install the RPMs. The preinstall first (note that you need to have an internet
   connection available when running this)…

      # yum localinstall oracle-database-preinstall-18c-1.0-1.el7.x86_64.rpm
         Loaded plugins: fastestmirror, langpacks
         Examining oracle-database-preinstall-18c-1.0-1.el7.x86_64.rpm:
         oracle-database-preinstall-18c-1.0-1.el7.x86_64
         Marking oracle-database-preinstall-18c-1.0-1.el7.x86_64.rpm to be installed
         Resolving Dependencies
         --> Running transaction check
         ---> Package oracle-database-preinstall-18c.x86_64 0:1.0-1.el7 will be installed
         --> Processing Dependency: compat-libcap1 for package:
         oracle-database-preinstall-18c-1.0-1.el7.x86_64
         Loading mirror speeds from cached hostfile
          * base: mirrors.vooservers.com
          * extras: mirror.sov.uk.goscomb.net
          * updates: mirrors.vooservers.com
         base | 3.6 kB 00:00:00
         extras | 3.4 kB 00:00:00
         updates | 3.4 kB 00:00:00
         --> Processing Dependency: compat-libstdc++-33 for package:
         oracle-database-preinstall-18c-1.0-1.el7.x86_64
         --> Processing Dependency: ksh for package: oracle-database-preinstall-18c-1.0-1.el7.x86_64
         --> Processing Dependency: libaio-devel for package:
         oracle-database-preinstall-18c-1.0-1.el7.x86_64
         --> Running transaction check
         ---> Package compat-libcap1.x86_64 0:1.10-7.el7 will be installed
         ---> Package compat-libstdc++-33.x86_64 0:3.2.3-72.el7 will be installed
         ---> Package ksh.x86_64 0:20120801-139.el7 will be installed
         ---> Package libaio-devel.x86_64 0:0.3.109-13.el7 will be installed
         --> Finished Dependency Resolution

         Dependencies Resolved

         ==
         ==

```
55    Package                    Arch   Version         Repository                  Size

56
      ================================================================
      ================================================
57    Installing:
58     oracle-database-preinstall-18c x86_64 1.0-1.el7
       /oracle-database-preinstall-18c-1.0-1.el7.x86_64  55 k
59    Installing for dependencies:
60     compat-libcap1            x86_64 1.10-7.el7       base                        19 k
61     compat-libstdc++-33       x86_64 3.2.3-72.el7     base
       191 k
62     ksh                       x86_64 20120801-139.el7  base                     885 k
63     libaio-devel              x86_64 0.3.109-13.el7   base                        13 k

64
65    Transaction Summary

66
      ================================================================
      ================================================
67    Install  1 Package (+4 Dependent packages)

68
69    Total size: 1.1 M
70    Total download size: 1.1 M
71    Installed size: 4.0 M
72    Is this ok [y/d/N]:

73
74  Enter 'y' and...
75    Downloading packages:
76    (1/4): compat-libcap1-1.10-7.el7.x86_64.rpm                  |  19 kB
      00:00:00
77    (2/4): compat-libstdc++-33-3.2.3-72.el7.x86_64.rpm          | 191 kB
      00:00:00
78    (3/4): libaio-devel-0.3.109-13.el7.x86_64.rpm               |  13 kB
      00:00:00
79    (4/4): ksh-20120801-139.el7.x86_64.rpm                      | 885 kB
      00:00:00

80
      --------------------------------------------------------------------------------------------------
      ------
81    Total                                          1.8 MB/s | 1.1 MB  00:00:00
82    Running transaction check
83    Running transaction test
84    Transaction test succeeded
85    Running transaction
86      Installing : compat-libstdc++-33-3.2.3-72.el7.x86_64
        1/5
87      Installing : libaio-devel-0.3.109-13.el7.x86_64                      2/5
88      Installing : compat-libcap1-1.10-7.el7.x86_64                        3/5
89      Installing : ksh-20120801-139.el7.x86_64                             4/5
90      Installing : oracle-database-preinstall-18c-1.0-1.el7.x86_64
        5/5
91      Verifying  : ksh-20120801-139.el7.x86_64                             1/5
92      Verifying  : compat-libcap1-1.10-7.el7.x86_64                        2/5
93      Verifying  : oracle-database-preinstall-18c-1.0-1.el7.x86_64
        3/5
94      Verifying  : libaio-devel-0.3.109-13.el7.x86_64                      4/5
95      Verifying  : compat-libstdc++-33-3.2.3-72.el7.x86_64
        5/5

96
97    Installed:
98     oracle-database-preinstall-18c.x86_64 0:1.0-1.el7

99
100   Dependency Installed:
101    compat-libcap1.x86_64 0:1.10-7.el7   compat-libstdc++-33.x86_64 0:3.2.3-72.el7
       ksh.x86_64 0:20120801-139.el7
102    libaio-devel.x86_64 0:0.3.109-13.el7

103
104   Complete!
```

```
105
106        Now for the main event…
107
108          # yum localinstall oracle-database-xe-18c-1.0-1.x86_64.rpm
109            Loaded plugins: fastestmirror, langpacks
110            Examining oracle-database-xe-18c-1.0-1.x86_64.rpm:
                 oracle-database-xe-18c-1.0-1.x86_64
111            Marking oracle-database-xe-18c-1.0-1.x86_64.rpm to be installed
112            Resolving Dependencies
113            --> Running transaction check
114            ---> Package oracle-database-xe-18c.x86_64 0:1.0-1 will be installed
115            --> Finished Dependency Resolution
116
117            Dependencies Resolved
118
119
                 ================================================================
                 ================================================================
120             Package                    Arch        Version    Repository                    Size
121
                 ================================================================
                 ================================================================
122            Installing:
123             oracle-database-xe-18c        x86_64          1.0-1
                /oracle-database-xe-18c-1.0-1.x86_64         5.2 G
124
125            Transaction Summary
126
                 ================================================================
                 ================================================================
127            Install  1 Package
128
129            Total size: 5.2 G
130            Installed size: 5.2 G
131            Is this ok [y/d/N]:
132
133          Once again, enter 'y'…
134            Downloading packages:
135            Running transaction check
136            Running transaction test
137            Transaction test succeeded
138            Running transaction
139             Installing : oracle-database-xe-18c-1.0-1.x86_64
                  1/1
140            [INFO] Executing post installation scripts...
141            [INFO] Oracle home installed successfully and ready to be configured.
142            To configure Oracle Database XE, optionally modify the parameters in
                 '/etc/sysconfig/oracle-xe-18c.conf' and then execute '/etc/init.d/oracle-xe-18c configure' as
                 root.
143             Verifying  : oracle-database-xe-18c-1.0-1.x86_64
                  1/1
144
145            Installed:
146             oracle-database-xe-18c.x86_64 0:1.0-1
147
148            Complete!
149
150          Finally, we need to run the configuration.
151
152          $ exit
153
154
155     6. Connecting to the database
156        1)First up, we need to make sure that the appropriate environment variables are set. So run the
              following, entering XE when prompted for the ORACLE_SID…
157
158          $ . oraenv
```

```
159
160         ORACLE_SID = [instructor] ? XE
161         ORACLE_BASE environment variable is not being set since this
162         information is not available for the current user ID gerald.
163         You can set ORACLE_BASE manually if it is required.
164         Resetting ORACLE_BASE to its previous value or ORACLE_HOME
165         The Oracle base has been set to /opt/oracle/product/18c/dbhomeXE
166
167    2)Now we should be able to connect to the database via sqlplus :
168
169       $ sqlplus system
170       sql>select instance_name, version, status
171         from v$instance;
172
173         INSTANCE_NAME   VERSION        STATUS
174         ---------------- ----------------- ------------
175         XE         18.0.0.0.0     OPEN
176
177    3)Checking the Listener
178       -For ongoing administration operations from the OS, you'll need to add your user to a couple
         of groups.
179
180          # usermod -a -G dba instructor
181          # usermod -a -G oinstall instructor
182
183       -Once you've added these groups to your user you need to log off and log on again for them
         to take effect.
184       -You should now be able to check the status of the Net Listener by means of the lsnrctl utility.
185
186       -Having first run oraenv as before to set your environment…
187
188          # lsnrctl status
189
190          LSNRCTL for Linux: Version 18.0.0.0.0 - Production on 26-DEC-2018 20:38:31
191
192          Copyright (c) 1991, 2018, Oracle.  All rights reserved.
193
194          Connecting to
             (DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=frea.virtualbox)(PORT=1522)))
195          STATUS of the LISTENER
196          ------------------------
197          Alias              LISTENER
198          Version             TNSLSNR for Linux: Version 18.0.0.0.0 - Production
199          Start Date           26-DEC-2018 19:24:54
200          Uptime             0 days 1 hr. 13 min. 37 sec
201          Trace Level           off
202          Security            ON: Local OS Authentication
203          SNMP              OFF
204          Default Service        XE
205          Listener Parameter File   /opt/oracle/product/18c/dbhomeXE/network/admin/listener.ora
206          Listener Log File       /opt/oracle/diag/tnslsnr/frea/listener/alert/log.xml
207          Listening Endpoints Summary...
208            (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=frea.virtualbox)(PORT=1522)))
209            (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=EXTPROC1522)))
210
             (DESCRIPTION=(ADDRESS=(PROTOCOL=tcps)(HOST=127.0.0.1)(PORT=5500))(Security=
             (my_wallet_directory=/opt/oracle/product/18c/dbhomeXE/admin/XE/xdb_wallet))(Present
             ation=HTTP)(Session=RAW))
211          Services Summary...
212          Service "7de2a3259d9c3747e0530f84f25ce87c" has 1 instance(s).
213            Instance "XE", status READY, has 1 handler(s) for this service...
214          Service "XE" has 1 instance(s).
215            Instance "XE", status READY, has 1 handler(s) for this service...
216          Service "XEXDB" has 1 instance(s).
217            Instance "XE", status READY, has 1 handler(s) for this service...
218          Service "xepdb1" has 1 instance(s).
219            Instance "XE", status READY, has 1 handler(s) for this service...
```

220	The command completed successfully
221	
222	4)Starting and Stopping Oracle
223	-The first time you restart the server after the installation, you will find that neither the database nor the TNS Listener are running.
224	-To start them up from the command line you can run :
225	
226	# /etc/init.d/oracle-xe-18c start
227	
228	-To shut them down, it's :
229	
230	# /etc/init.d/oracle-xe-18c stop
231	
232	-If, like me, you are configuring your server for the sole or main purpose of running Oracle, then you may want the database and listener to start when the server does.
233	-and set the oracle-xe-18c service to start on boot…
234	
235	# systemctl daemon-reload
236	# systemctl enable oracle-xe-18c
237	
238	oracle-xe-18c.service is not a native service, redirecting to /sbin/chkconfig.
239	Executing /sbin/chkconfig oracle-xe-18c on
240	[root@frea mike]# systemctl status oracle-xe-18c
241	oracle-xe-18c.service - SYSV: This script is responsible for taking care of configuring the RPM Oracle XE Database and its associated services.
242	Loaded: loaded (/etc/rc.d/init.d/oracle-xe-18c; bad; vendor preset: disabled)
243	Active: inactive (dead)
244	Docs: man:systemd-sysv-generator(8)
245	
246	-If you then reboot the server, you should be able to confirm that the service is up by running…
247	
248	# systemctl status -l oracle-xe-18c
249	
250	oracle-xe-18c.service - SYSV: This script is responsible for taking care of configuring the RPM Oracle XE Database and its associated services.
251	Loaded: loaded (/etc/rc.d/init.d/oracle-xe-18c; bad; vendor preset: disabled)
252	Active: active (exited) since Fri 2018-12-28 13:20:23 GMT; 1min 48s ago
253	Docs: man:systemd-sysv-generator(8)
254	Process: 3475 ExecStart=/etc/rc.d/init.d/oracle-xe-18c start (code=exited, status=0/SUCCESS)
255	Tasks: 0
256	
257	Dec 28 13:19:59 frea.virtualbox systemd[1]: Starting SYSV: This script is responsible for taking care of configuring the RPM Oracle XE Database and its associated services....
258	Dec 28 13:19:59 frea.virtualbox oracle-xe-18c[3475]: Starting Oracle Net Listener.
259	Dec 28 13:19:59 frea.virtualbox su[3510]: (to oracle) root on none
260	Dec 28 13:20:02 frea.virtualbox oracle-xe-18c[3475]: Oracle Net Listener started.
261	Dec 28 13:20:02 frea.virtualbox oracle-xe-18c[3475]: Starting Oracle Database instance XE.
262	Dec 28 13:20:02 frea.virtualbox su[3864]: (to oracle) root on none
263	Dec 28 13:20:23 frea.virtualbox oracle-xe-18c[3475]: Oracle Database instance XE started.
264	Dec 28 13:20:23 frea.virtualbox systemd[1]: Started SYSV: This script is responsible for taking care of configuring the RPM Oracle XE Database and its associated services..
265	
266	5)Setting Oracle Environment Variables
267	-If you want to dispense with the need to call the oraenv script altogether, you can simply add a script with a .sh extension to the /etc/profile.d directory…
268	
269	# nano /etc/profile.d/set_oraenv.sh
270	
271	export ORACLE_SID=XE
272	export ORACLE_HOME=/opt/oracle/product/18c/dbhomeXE
273	export ORACLE_BASE=/opt/oracle
274	export PATH=$PATH:/opt/oracle/product/18c/dbhomeXE/bin