**Oracle DB Auto Start Shut RHEL/OEL 8**

OEL 8

Once the instance is created, edit the "/etc/oratab" file setting the restart flag for each instance to 'Y'.

TSH1:/u01/app/oracle/product/19.0.0.0/db\_1:Y

Create a file called "/etc/init.d/dbora" as the root user, containing the following code. Adjust the paths to match your system.

|  |
| --- |
| cat > dbora <<EOF  #!/bin/bash  # chkconfig: 35 99 10  # description: Starts and Stops Oracle and Listener processes  ORACLE\_HOME=/oracle/app/oracle/product/19.3.0  ORA\_OWNER=oracle  PATH=${PATH}:$ORACLE\_HOME/bin  HOST='hostname'  PLATFORM='uname'  export ORACLE\_HOME PATH  case "$1" in  'start')  echo -n $"Starting Oracle DB: "  su - $ORA\_OWNER -c "$ORACLE\_HOME/bin/dbstart $ORACLE\_HOME" &  ;;  'stop')  echo -n $"Shutting down Oracle DB: "  su - $ORA\_OWNER -c "$ORACLE\_HOME/bin/dbshut $ORACLE\_HOME" &  ;;  'restart')  echo -n $"Shutting down Oracle DB: "  su - $ORA\_OWNER -c "$ORACLE\_HOME/bin/dbshut $ORACLE\_HOME" &  sleep 5  echo -n $"Starting Oracle DB: "  su - $ORA\_OWNER -c "$ORACLE\_HOME/bin/dbstart $ORACLE\_HOME" &  ;;  \*)  echo "usage: $0 {start|stop|restart}"  exit  ;;  esac  # End of script dbora  EOF |

Use the chmod command to set the privileges to 750.

chmod 750 /etc/init.d/dbora

Associate the "dbora" service with the appropriate run levels and set it to auto-start using the following command.

|  |
| --- |
| # cp /home/oracle/dbora /etc/init.d/dbora  # chmod 750 /etc/init.d/dbora  # /sbin/chkconfig --add dbora  # /sbin/chkconfig --list  Wait for my conformation for executing next steps <--- Sandeep.x.tomar@haleon.com  # systemctl stop dbora  # systemctl status dbora  # systemctl start dbora  # systemctl status dbora |

**OEL 7**

Once the instance is created, edit the "/etc/oratab" file setting the restart flag for each instance to 'Y'.

TSH1:/u01/app/oracle/product/19.0.0.0/db\_1:Y

Create a file called "/etc/init.d/dbora" as the root user, containing the following code. Adjust the paths to match your system.

|  |
| --- |
| cat dbora  #!/bin/bash  # chkconfig: 35 99 10  # description: Starts and Stops Oracle and Listener processes  ORACLE\_HOME=/oracle/app/oracle/product/19.0.0.0  ORA\_OWNER=oracle  PATH=${PATH}:$ORACLE\_HOME/bin  HOST='hostname'  PLATFORM='uname'  export ORACLE\_HOME PATH  case "$1" in  'start')  echo -n $"Starting Oracle DB: "  su - $ORA\_OWNER -c "/oracle/app/oracle/product/19.0.0.0/bin/dbstart /oracle/app/oracle/product/19.0.0.0/" &  ;;  'stop')  echo -n $"Shutting down Oracle DB: "  su - $ORA\_OWNER -c "/oracle/app/oracle/product/19.0.0.0/bin/dbshut /oracle/app/oracle/product/19.0.0.0/" &  ;;  'restart')  echo -n $"Shutting down Oracle DB: "  su - $ORA\_OWNER -c "/oracle/app/oracle/product/19.0.0.0/bin/dbshut /oracle/app/oracle/product/19.0.0.0/" &  sleep 5  echo -n $"Starting Oracle DB: "  su - $ORA\_OWNER -c "/oracle/app/oracle/product/19.0.0.0/bin/dbstart /oracle/app/oracle/product/19.0.0.0/" &  ;;  \*)  echo "usage: $0 {start|stop|restart}"  exit  ;;  esac  # End of script dbora |

Use the chmod command to set the privileges to 750.

chmod 750 /etc/init.d/dbora

Associate the "dbora" service with the appropriate run levels and set it to auto-start using the following command.

|  |
| --- |
| # cp /home/oracle/dbora /etc/init.d/dbora  # chmod 750 /etc/init.d/dbora  # /sbin/chkconfig --add dbora  # /sbin/chkconfig --list  Wait for my conformation for executing next steps <--- Sandeep.x.tomar@haleon.com  # systemctl stop dbora  # systemctl status dbora  # systemctl start dbora  # systemctl status dbora |

**ERROR:**

**/etc/rc.d/init.d/dbora: line 13: /usr/bin/su: Permission denied**

[root@ukslxdora0013 init.d]# ls -lZ /etc/rc.d/init.d/dbora

-rwxr-x---. 1 root root unconfined\_u:object\_r:etc\_t:s0 760 Jul 8 07:06 /etc/rc.d/init.d/dbora

[root@ukslxdora0013 init.d]#

# ls -lZ /etc/rc.d/init.d/dbora

-rwxr-x---. 1 root root unconfined\_u:object\_r:etc\_t:s0 2386 Mar 29 09:40 /etc/rc.d/init.d/dbora

**Solution:**

matchpathcon -V /etc/rc.d/init.d/dbora

semanage fcontext -a -t initrc\_exec\_t /etc/rc.d/init.d/dbora

restorecon -v /etc/rc.d/init.d/dbora

**ERROR: Since ORACLE\_HOME is not set, cannot auto-start Oracle Net Listener.**

dbstart generates "ORACLE\_HOME\_LISTNER is not SET, unable to auto-start Oracle Net Listener" error (Doc ID 336299.1)

Automatic Stop of Database (dbshut) not working in OL 7 with systemd (Doc ID 2229679.1)

How to Automate Startup/Shutdown of Oracle Database on Linux (Doc ID 222813.1)