**Oracle Gateway Setup for new ODCB connections:**

Server Name: VMOLDEVAP819

**Step 1) Make sure all ODBC connections enter in the following Location:**

Location: /home/oacle/.odbc.ini

For Example: If a new entry or service  called ‘DEV2\_SAMPLE’ in a database name ‘SAMPLEDB’  on a server instance  ‘vmwdev2db2202.dosdev.local\DEV2’  to be created,  Following entry to be added to the file

*[DEV2\_SAMPLE]*

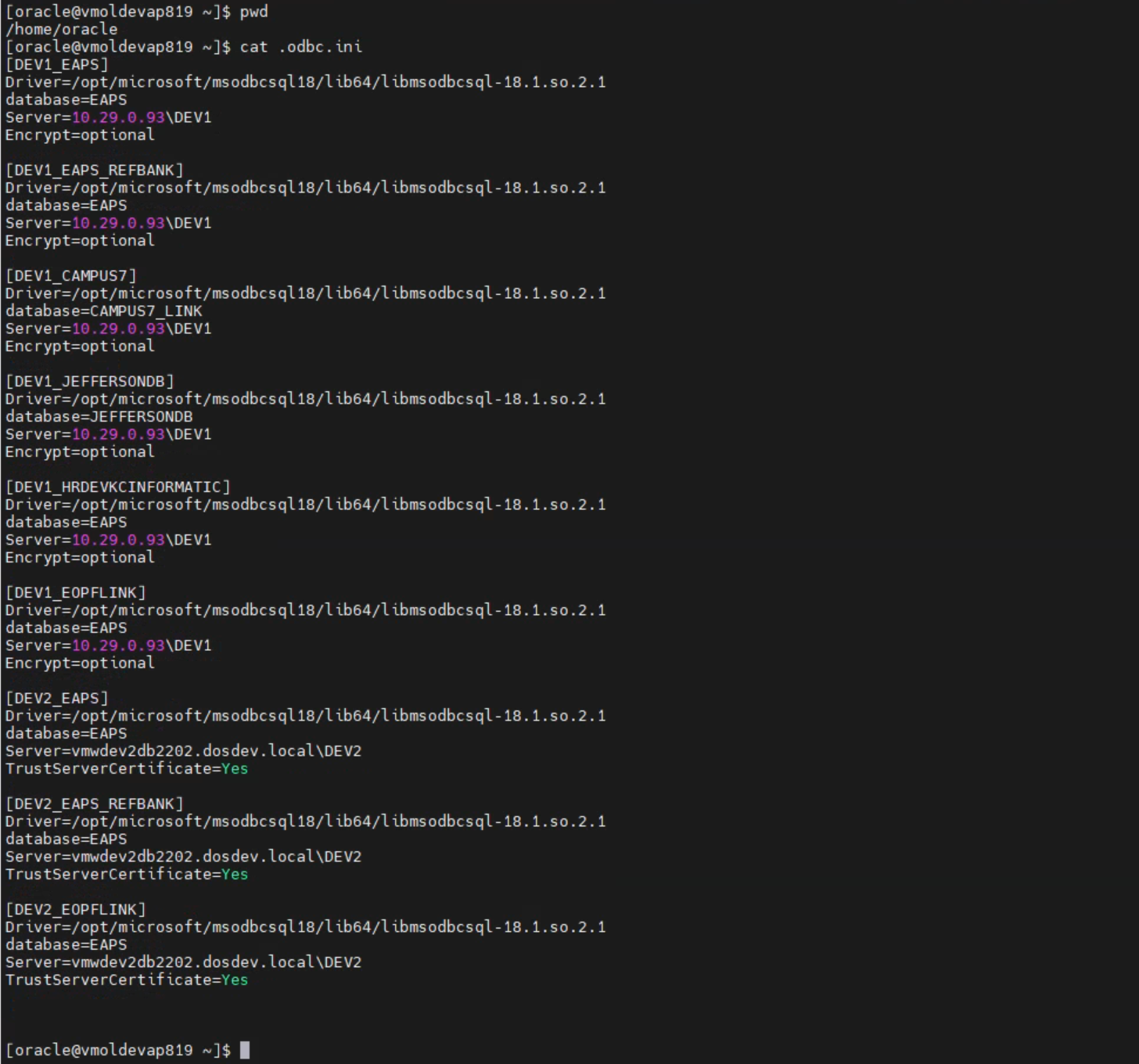
*Driver=/opt/microsoft/msodbcsql18/lib64/libmsodbcsql-18.1.so.2.1*

*database=SAMPLEDB*

*Server=vmwdev2db2202.dosdev.local\DEV2*

*TrustServerCertificate=Yes*

Here are the contents of existing services:



**Step 2) Add entry to Listener.ora :**

Location: /u02/app/oracle/product/19.3.0/gw\_1/network/admin/listener.ora

For Ex:

   (SID\_DESC =

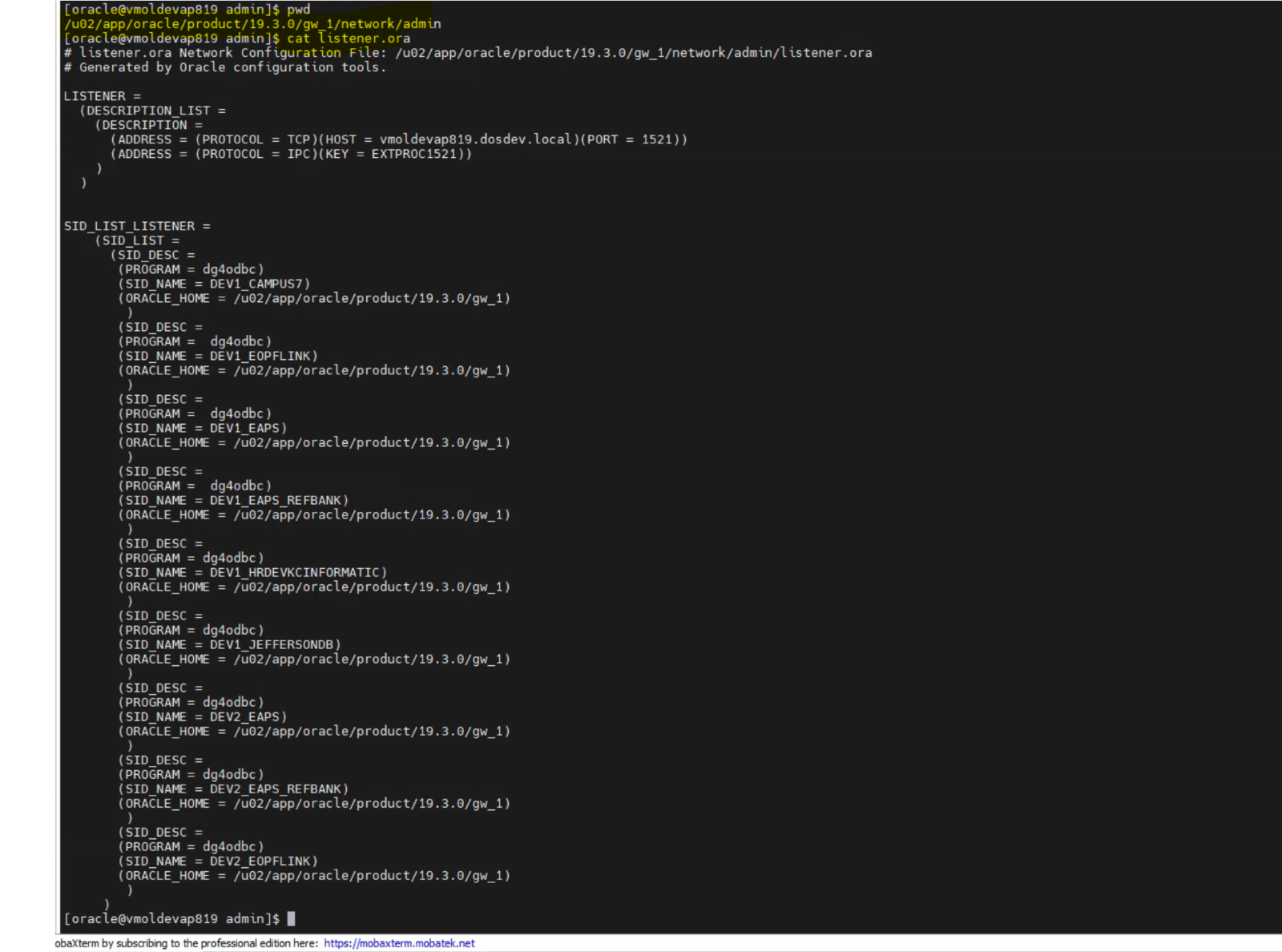
       (PROGRAM = dg4odbc)

       (SID\_NAME = DEV2\_SAMPLE)

       (ORACLE\_HOME = /u02/app/oracle/product/19.3.0/gw\_1)

        )

Existing entries are shown below:



**Step 3) Create a new file for the service :**

Location: /u02/app/oracle/product/19.3.0/gw\_1/hs/admin/

Create a File called ‘init*DEV2\_SAMPLE.ora’  with following entries in above location:*

# This is a sample agent init file that contains the HS parameters that are

# needed for the Database Gateway for ODBC

#

# HS init parameters

#

#HS\_FDS\_CONNECT\_INFO = <odbc data\_source\_name>

#HS\_FDS\_TRACE\_LEVEL = <trace\_level>

#HS\_FDS\_SHAREABLE\_NAME = <full path name of odbc driver manager or driver>

#

# ODBC specific environment variables

#

#set ODBCINI=<full path name of the odbc initilization file>

#

# Environment variables required for the non-Oracle system

#

#set <envvar>=<value>

HS\_LANGUAGE=AMERICAN\_AMERICA.WE8ISO8859P1

HS\_NLS\_NCHAR=UCS2

HS\_FDS\_CONNECT\_INFO= *DEV2\_SAMPLE*

##HS\_FDS\_TRACE\_LEVEL=DEBUG

HS\_FDS\_SHAREABLE\_NAME=/usr/lib64/libodbc.so

HS\_FDS\_FETCH\_ROWS=1

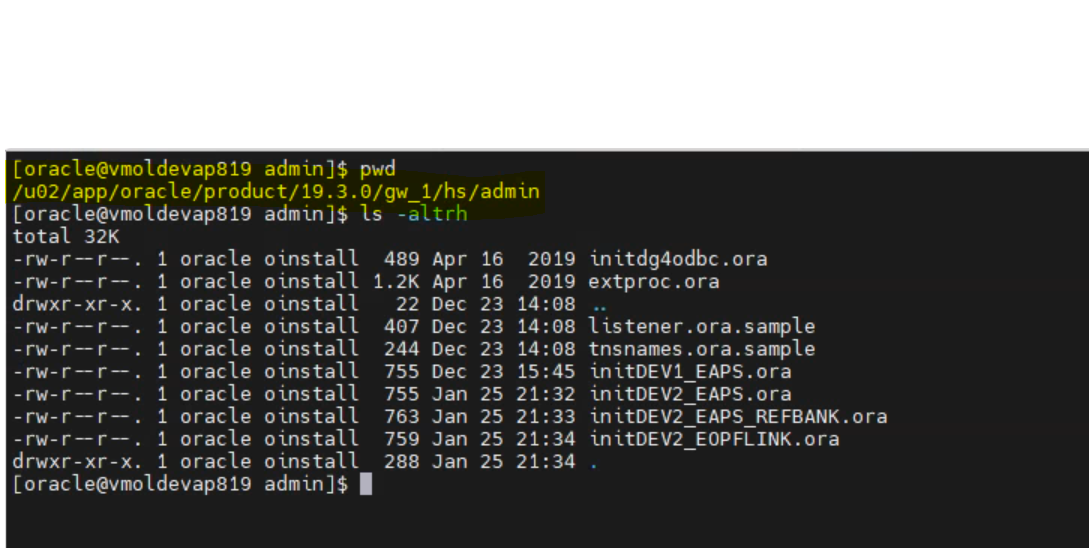
#

# ODBC specific environment variables

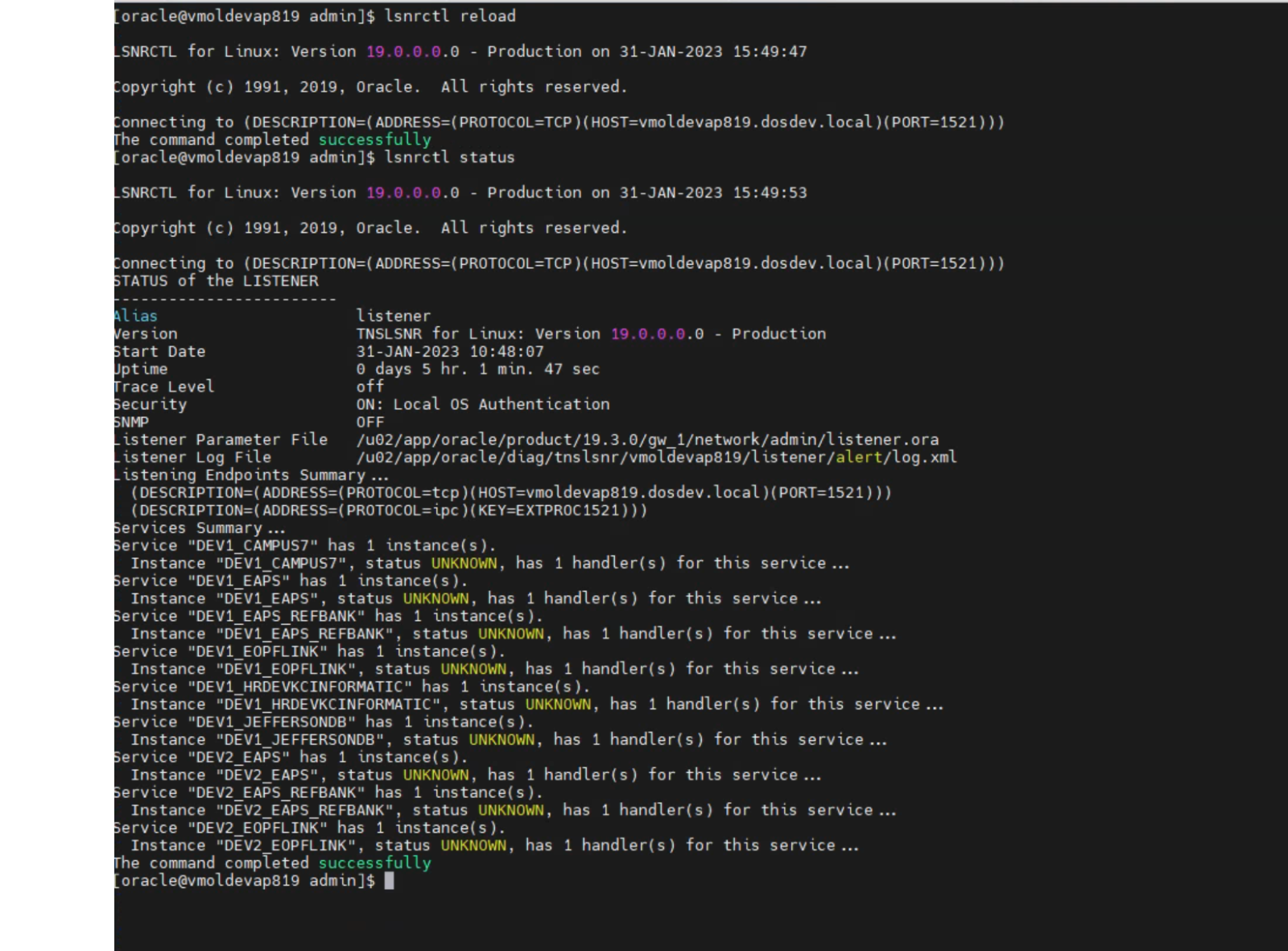
#

set ODBCINI=/home/oracle/.odbc.ini

Existing entries are shown below:



**Step 4: Reload the Gateway listener**



**Step 5: Setup Monitor job to monitor GateWay listener:**

Following Crontab monitor job is setup and scheduled to run every minute. Job checks listener status every minute. It starts the listener if it’s down for any reason*:*

