

## Handout A: eagle\_oracle.sh

Note: Some of the script lines as reprinted in this document have wrapped.

```
#!/bin/sh
#####
export ORACLE_BASE=/opt/oracle
export ORACLE_HOME=${ORACLE_BASE}/product/8.0.5
export SHLIB_PATH=${ORACLE_HOME}/lib

# Not reading /etc/oratab for the ORACLE_SIDS because not all instances are run in
# shared mode on all the systems. Instead, must explicitly set a list of SIDs here:
set -A ORACLE_SIDS epprod epiprod ediprod autosys

if [ $1 = "start" ]
then
for ORACLE_SID in ${ORACLE_SIDS[@]}
do

    export ORACLE_SID

    export PFILE=${ORACLE_HOME}/dbs/init${ORACLE_SID}.ora
    if [ -f $PFILE ]
    then
        if [ -f ${ORACLE_HOME}/dbs/sgadef${ORACLE_SID}.dbf -o -f
${ORACLE_HOME}/dbs/sgadef${ORACLE_SID}.ora ]
        then
            STATUS="-1"
        else
            STATUS=1
        fi

        case $STATUS in

            1)    print "\n\t## Starting Database ${ORACLE_SID} in Shared Mode ##"
                su oracle -c 'export ORACLE_SID=${ORACLE_SID};export
ORACLE_HOME=${ORACLE_HOME};export SHLIB_PATH=${SHLIB_PATH};${ORACLE_HOME}/bin/svrmgrl
lmode=y' <<EOF > /dev/null

                connect internal
                startup shared
                exit
                EOF

                ;;

            -1)   print "\n\t## WARNING: Database ${ORACLE_SID} possibly left running
when system went down (system crash?) ##"
                print "\t## Performing Shutdown Abort on ${ORACLE_SID} before
Starting in Shared Mode ##"
                su oracle -c 'export ORACLE_SID=${ORACLE_SID};export
ORACLE_HOME=${ORACLE_HOME};export SHLIB_PATH=${SHLIB_PATH};${ORACLE_HOME}/bin/svrmgrl
lmode=y' <<EOF > /dev/null

                connect internal
                shutdown abort
                startup shared
                exit
                EOF

                ;;

        esac

        if [[ $? != 0 ]]
        then
            print "\n\t## ERROR: Oracle Startup of Database ${ORACLE_SID}
Failed! ##"
        else
            print "\n\t## Oracle Startup of Database ${ORACLE_SID} Done! ##"
        fi
    fi
done
fi
```

```

        else
            print "\n\t## ERROR: Can't find init file ${PFILE} for Database
${ORACLE_SID}"
            print "\t## Database ${ORACLE_SID} NOT started."
        fi
done

    # Start the local listener called lsn_local
    su oracle -c 'export ORACLE_HOME=${ORACLE_HOME};export
SHLIB_PATH=${SHLIB_PATH};${ORACLE_HOME}/bin/lsnrctl start lsn_local' > /dev/null
    if [[ $? != 0 ]]
    then
        print "\n\t## ERROR: Oracle Startup of Local Listener lsn_local Failed!
##"
    else
        print "\n\t## Oracle Startup of Local Listener lsn_local Done! ##"
    fi

elif [ $1 = "stop" ]
then
    # Stop the local listener called lsn_local
    su oracle -c 'export ORACLE_HOME=${ORACLE_HOME};export
SHLIB_PATH=${SHLIB_PATH};${ORACLE_HOME}/bin/lsnrctl stop lsn_local' > /dev/null
    if [[ $? != 0 ]]
    then
        print "\n\t## ERROR: Oracle Shutdown of Local Listener lsn_local Failed!
##"
    else
        print "\n\t## Oracle Shutdown of Local Listener lsn_local Done! ##"
    fi

for ORACLE_SID in ${ORACLE_SIDS[@]}
do

export ORACLE_SID

    print "\n\t## Shutting Down Shared Mode Database ${ORACLE_SID} ##"
    su oracle -c 'export ORACLE_SID=${ORACLE_SID};export
ORACLE_HOME=${ORACLE_HOME};export SHLIB_PATH=${SHLIB_PATH};${ORACLE_HOME}/bin/svrmgrl
lmode=y' <<EOF > /dev/null

connect internal
shutdown immediate
exit
EOF

    if [[ $? != 0 ]]
    then
        print "\n\t## ERROR: Oracle Shutdown of Database ${ORACLE_SID} Failed! ##"
    else
        print "\n\t## Oracle Shutdown of Database ${ORACLE_SID} Done! ##"
    fi

done

fi
#####

```