/usr/sbin/groupadd -g 501 oinstall

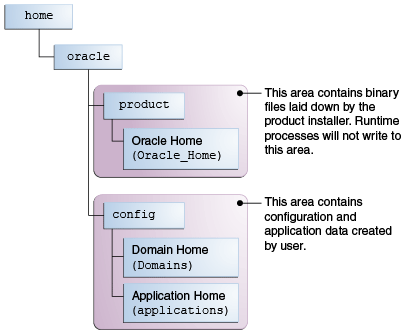
cut -d: -f1 /etc/group

/usr/sbin/useradd -u 502 -g oinstall –G adm,admin oracle

Passwd oracle

## File System

Create below file system for Oracle products and applications



|  |
| --- |
| mkdir -p /home/oracle/products/Oracle\_Home  chown oracle:oinstall /home/oracle/products/Oracle\_Home  chmod 775 /home/oracle/products/Oracle\_Home  mkdir –p /home/oracle/config/domains  chown oracle:oinstall /home/oracle/config/domains  chmod 775 /home/oracle/config/domains  mkdir –p /home/oracle/config/applications  chown oracle:oinstall /home/oracle/config/applications  chmod 775 /home/oracle/config/applications  mkdir –p /home/oracle/products/wlserver12.1.3  chown oracle:oinstall /home/oracle/products/wlserver12.1.3  chmod 775 /home/oracle/products/wlserver12.1.3 |

## Setup Environment variables for oracle user

|  |
| --- |
| vi /home/oracle/.bash\_profile  export JAVA\_HOME=/home/oracle/products/jdk1.8.0\_121  export JRE\_HOME=$JAVA\_HOME/jre  export CLASSPATH=$JAVA\_HOME/lib:$JRE\_HOME/lib:WL\_HOME%/server/lib:%WL\_HOME%/server/liblogic.jar  export WLS\_HOME=/home/oracle/products/wlserver12.1.3  export ORACLE\_HOME=/home/oracle/products/Oracle\_Home  export DOMAIN\_HOME=/home/oracle/config/domains  export WL\_HOME=$ORACLE\_HOME/wlserver  export PATH=$WL\_HOME/server/bin:$JAVA\_HOME/bin:$JRE\_HOME/bin:$HOME/bin:$PATH |

## Install JDK

|  |
| --- |
| tar -xvf /home/oracle/products/ jdk-8u121-linux-x64.tar.gz |

Start Oracle SOA Suite Quick Start Installer

|  |
| --- |
| java -jar fmw\_12.2.1.2.0\_soa\_quickstart\_generic.jar |

To check for entropy, run the following command:

cat /proc/sys/kernel/random/entropy\_avail

If you have less than 500, use the following command to replenish bytes to /dev/random using /dev/urandom as the source:

rngd -r /dev/urandom -o /dev/random -b

You can configure this command by editing /etc/sysconfig/rngd and add the following line:

EXTRAOPTIONS="-i -r /dev/urandom -o /dev/random -b -t 60 -W 2048"

t /proc/sys/kernel/random/entropy\_avail

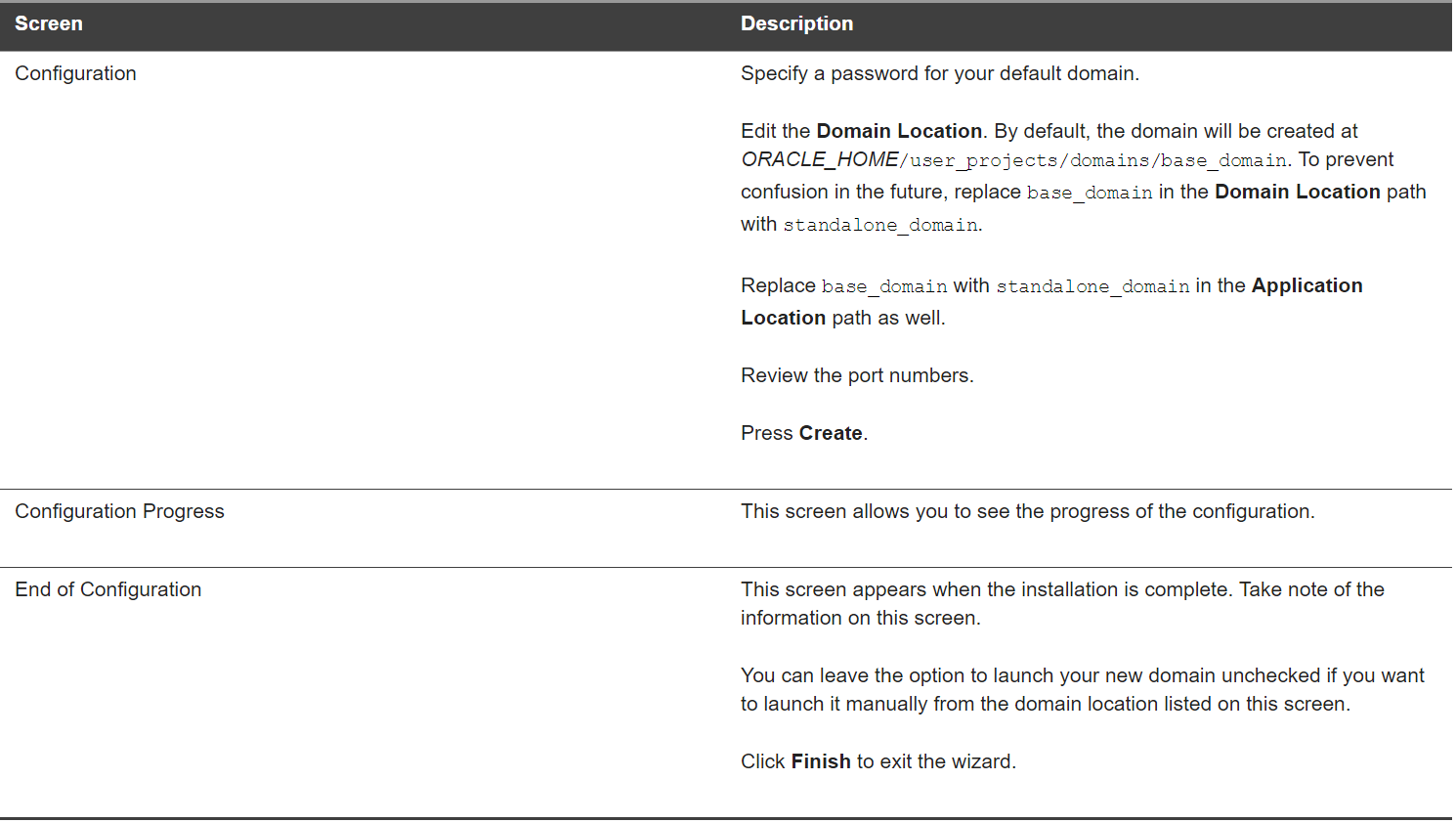
Setup Standalone Domain

cd *$ORACLE\_HOME*/soa/common/bin

QS\_TEMPLATES="*$ORACLE\_HOME*/soa/common/templates/wls/oracle.soa\_template.jar, *$ORACLE\_HOME*/osb/common/templates/wls/oracle.osb\_template.jar"

export QS\_TEMPLATES

./qs\_config.sh



cd *ORACLE\_HOME*/jdeveloper/jdev/bin

./jdev

cat /proc/sys/kernel/random/entropy\_avail

rngd -r /dev/urandom -o /dev/random -b

EXTRAOPTIONS="-i -r /dev/urandom -o /dev/random -b -t 60 -W 2048"

cd $ORACLE\_HOME/jdeveloper/jdev/bin

./jdev

RCU

cd $ORACLE\_HOME/oracle\_common/bin

./rcu

Compact Domain

cd $ORACLE\_HOME/oracle\_common/common/bin

setenv CONFIG\_JVM\_ARGS -Dcom.oracle.cie.config.showProfile=true

export CONFIG\_JVM\_ARGS

./config.sh