

Solaris Oracle 8i (8.1.7) Enterprise Edition – Client

Pre-installation Notes and Assumptions:

- All products and service packs must be run from the cdrom or copied to the /tmp folder and installed from that folder.
- If the media is copied to a local drive, the path to the installation must not contain any spaces, a space in the path name will prevent the installer from launching.
- If the initial Oracle install does not go successfully, do not attempt to reinstall the product on the server without restoring the server to a clean baseline. Unsuccessful or partial Oracle installs leave a variety of files and databases on the harddrive that may corrupt future installations.
- The following is based off of the NT oracle installation done in the UK. Please have a Solaris oracle DBA review database tuning information.

Dependencies and Prerequisites:

- Solaris 2.7 with all latest patches.
- install account has been created
- Access to the server host is available through ssh and Xwindows port forwarding is properly configured. If instructions are needed for configuring or installing ssh or client access key please see administrator. SSH must be operating in password mode or private keys must be installed for all accounts created

Installation Instructions:

Pre-Installation Tasks

- Login to database server (iptedbs) as *install*
- Ensure that all directories created will have the appropriate permissions, type **umask 022**
- Create the required users and groups
 - Create a group for oracle software **groupadd -g 5000 oinstall**
 - Create an Oracle owner with Oracle software group affiliation, type **useradd -c 'Oracle software owner' -d /home/oracle -g oinstall -m -u 5001 -s /bin/ksh dbadm**
 - Set the password for the database administrator, type **passwd dbadm**
 - Enter the password 'passwOrd' when prompted
 - Add the root account to the newly created group, type **usermod -G oinstall root**
- Set up the directory where the software will be installed
 - Make a directory to hold the Oracle software installation, type **mkdir /opt/oracle**
 - Assign ownership of this directory to the iplanet software owner and group, type **chown -R dbadm:oinstall /opt/oracle**

- Set up the environment for the Oracle software owner, edit /home/dbadm/.profile and add the following lines

```
TERM=vt100 ; export TERM ; stty erase ^H
set -o vi ; alias ls="/usr/bin/ls -F" ; PS1="`hostname` : '$PWD'> "
export ORACLE_BASE=/opt/oracle
export ORACLE_HOME=/opt/oracle/product/8.1.7
export PATH=$PATH:$ORACLE_HOME/bin
```

Install Oracle 8i (8.1.7) Client

- log into the machine as dbadm with the password 'passw0rd'
- Go to the directory containing the Oracle media, type cd [Media]
- Begin the Oracle Installation process, type **./runInstaller** (This will open an xWindow which will guide you through the installation)
- At the welcome screen click the "Next" button
- Enter the correct destination name and path locations on the file locations screen. Use <media>/stage/products.jar for source and change the destination path to /opt/oracle/product/8.1.7
- Click Next
- If prompted for the Unix Group name, type **oinstall**
- Click Next
- At this point, you will be prompted to execute the orainstRoot.sh script as root.
 - In another terminal log in as 'install'
 - Execute the script, type **/opt/oracle/product/8.1.7/orainstRoot.sh** (don't close this terminal as you will need it again)
- Return to the installer gui and click retry
- After the installer loads the product list, select "Oracle 8i Client 8.1.7.0.0" from the listed options, click next.
- Choose the "Application User" option and click next
- On the Summary screen, click 'Install'
- When prompted to execute the root.sh script as root, return to the 2nd terminal screen (logged in as install)
 - Execute the script, type **/opt/oracle/products/8.1.7/root.sh**
 - When prompted, accept the default pathname of /usr/local/bin for the local bin directory
- Return to the installer gui and click ok
- A dialogue box for the Net8 Configuration assistant will pop-up. Click Cancel.
 - Confirm by clicking Yes.
- When the Error dialogue box appears, click OK.
- On the Configuration Tools screen, click Next
- On the End Of Installation screen click Exit
- Confirm by clicking Yes

Post-Installation Tasks

- Copy the tnsnames.ora and sqlnet.ora (which were created in the Oracle Server install) locally. If you need assistance in this step, or identifying where the

appropriate share exists, contact your local system administrator
cp <share>/tnsnames.ora /opt/oracle/products/8.1.7/network/admin
cp <share>/sqlnet.ora /opt/oracle/products/8.1.7/network/admin

- Test to see if you are able to connect to the database by executing **tnsping iptewas**
- If everything was done correctly, it will return without error