

Installing the Solaris Oracle 8i (8.1.7) Enterprise Edition – Client

Overview

Pre-installation Notes and Assumptions

- All products and service packs to be installed must be run from the CD-ROM or copied to the /tmp folder and installed from that folder. It is not acceptable to install the products from a shared drive.
 - If the product files are copied to a local drive, the path to the installation must not contain any spaces because a space in the path name will prevent installer from launching.
 - If the initial Oracle installation 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 installations leave many files and databases on the hard drive that may corrupt future installations.
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Dependencies and Prerequisites

- Solaris 2.7 with all latest patches is installed.
 - A user named install exists and has been granted root privileges.
 - Access to the server host is available through SSH Secure Shell, and Xwindows port forwarding is properly configured. If instructions are needed for configuring or installing SSH or client access key, please see the administrator. SSH must be operating in password mode or private keys must be installed for all accounts created.
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Software to be Installed and Configured

- **Oracle 8i (8.1.7) Client**
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Pre-Installation Tasks

Procedure

Follow the steps below to complete the necessary pre-installation tasks.

| Step | Action |
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| 1 | Log in to the database server (i.e.: iptedbs) as install . |

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| 2 | In order to make sure that all directories created will have the appropriate permissions, type umask 022 at the command prompt, then press Enter key. |
| 3 | <p>Create the following required user and group:</p> <ol style="list-style-type: none"> To create a group for Oracle software installation, type groupadd -g 5000 oinstall at the command prompt, then press Enter key. To 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 at the command prompt, then press Enter key. To set the password for the database administrator, type passwd dbadm at the command prompt, then press Enter key. Enter the password passw0rd when prompted, then press Enter key. To confirm the password, enter the password passw0rd when prompted, then press Enter key. To add the root account to the newly created group, type usermod -G oinstall root at the command prompt, then press Enter key. |
| 4 | <p>Create these directories for the software installation:</p> <ol style="list-style-type: none"> Type mkdir /opt/oracle at the command prompt, then press Enter key. Assign ownership of this directory to the iPlanet software owner and group by typing chown -R dbadm:oinstall /opt/oracle, then press Enter key. |
| 5 | <p>To set up the environment for the Oracle software owner, edit /home/dbadm/.profile by adding the following lines:</p> <pre> 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 </pre> |

Installing the Oracle 8i (8.1.7) Client

Procedure

Follow the steps below to install the Oracle 8i (8.1.7) Client.

| Step | Action |
|------|--|
| 1 | Log in to the database server as dbadm using the password passw0rd . |

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| 2 | At the command prompt, change the directory to the directory where the Oracle media is located by typing cd /<Media> (where <Media> is the name of the directory where the Oracle media is located), then press Enter key. |
| 3 | At the command prompt, type ./runInstaller , then press Enter key. Note: This will open an xWindow that will guide you through the installation. |
| 4 | When the Welcome screen appears, click Next button. |
| 5 | When the File Locations screen appears, enter the correct destination name and path location. Use <Media>/stage/products.jar (where <Media> is the name of the directory where the Oracle media is located) for source and /opt/oracle/product/8.1.7 for destination. Then, click Next button. |
| 6 | If prompted for the Unix Group name, type oinstall , then click Next button. |
| 7 | At this point, you may be prompted to execute the orainstRoot.sh script as root. If so, execute the script by completing the following tasks: <ul style="list-style-type: none"> a. In another terminal, log in as install. b. Execute the script by typing /opt/oracle/product/8.1.7/orainstRoot.sh at the command prompt, then press Enter key. c. Return to the Installer graphic user interface, then click Retry button. Note: Don't close this terminal because you will need it again. |
| 8 | After the Installer loads the product list, select Oracle 8i Client 8.1.7.0.0 from the listed options. Then, click Next button. |
| 9 | Choose the Application User option, then click Next button. |
| 10 | When the Summary screen appears, click Install button. |
| 11 | When prompted to execute the root.sh script as root, return to the 2 nd terminal screen where you have logged in as install, then <ul style="list-style-type: none"> a. Execute the script by typing /opt/oracle/products/8.1.7/root.sh at the command prompt, then press Enter key. b. When prompted, accept the default pathname of /usr/local/bin for the local bin directory. |
| 12 | Return to the Installer graphic user interface, then click OK button. |
| 13 | When the Net8 Configuration Assistant dialog box appears, click Cancel button and confirm by clicking Yes button. |
| 14 | When the Error dialogue box appears, click OK button. |
| 15 | When the Configuration Tools screen appears, click Next button. |
| 16 | When the End of Installation screen appears, click Exit button, then confirm by clicking Yes button. |

Post-installation Tasks

Procedure Follow the steps below to perform the following post installation tasks.

| Step | Action |
|-------------|---|
| 1 | <p>Copy locally the sqlnet.ora and tnsnames.ora files that were created during the Oracle Server installation by completing the following tasks. (Note: If you need assistance in this step, or identifying where these files are located, contact your local system administrator.)</p> <p>Copy the sqlnet.ora file from the central file server by typing the following at the command prompt:</p> <pre>cp <share>/sqlnet.ora /opt/oracle/products/8.1.7/network/admin</pre> <p>(where <share> is the directory where the file is stored)</p> <p>Then, press Enter key.</p> <p>Next, copy the tnsnames.ora file from the central file server by typing the following at the command prompt:</p> <pre>cp <share>/tnsnames.ora /opt/oracle/products/8.1.7/network/admin</pre> <p>(where <share> is the directory where the file is stored)</p> <p>Then, press Enter key.</p> |
| 2 | <p>At the command prompt, type tnsping iptewas, then press Enter key.</p> <p>Note: This will test the database connectivity by pinging iptewas. The action should return successfully without error.</p> |
