
ORACLE Application Server 4.0.8.2 Installation Guide for HPUX 11

*Office of Information and Instructional Technology
Enterprise Applications Systems
Technical Services*

IMPORTANT NOTES RE INSTALLATION INSTRUCTIONS:

This is one of a set of documents needed to implement the Oracle upgrade needed for Banner 4.x5.x.


Before beginning your installation, you **MUST** read *Infrastructure Upgrade Plan for HP Operating System Environments*, which includes critical information about specifications, known issues, and bugs.

This document is current as of February 8, 2001. Warnings, changes, and tips from the workshops are being placed in the *Addenda from the Installation Workshops* as they take place. Please check the Addenda before you begin.

February 8, 2001

Install OAS 4.0.8.2

Step	Instructions	Successful?		Comments
		Yes	No	
Software requirements for HP90000 Series HP-UX				
1	HP-UX 11.0			
2	JDK 1.2.2 At the command line, enter java -version to verify the version.			
3	Netscape Communicator 4.51, 4.6, 4.7(JDK 1.1.6/1.1.7 Compliant browser) Do Not Use IE to Configure the OAS			
Verify database server environment				
4	Oracle 8.1.6 installed			
5	TCP/IP Protocol Adapter 8.0.5 has been installed			
Installation				
6	Mount the CD as root /usr/sbin/pfs_mount /dev/cdrom /SD_CDROM			
7	Unset ORACLE_BASE environment variable			
8	Set ORACLE_HOME THIS MUST BE A DIFFERENT ORACLE_HOME THAN YOUR ORACLE8.1.6 ORACLE_HOME VARIABLE			
9	Set TERM environment variable to vt220			
10	Unset ORACLE_TERM environment variable			
11	Set TNS_ADMIN to your typical environment			
12	Add \$ORACLE_HOME/jdbc/lib to the SHLIB_PATH			
13	Add C compiler executable location to PATH			
14	Set DISPLAY environment variable			



Step	Instructions	Successful?		Comments
		Yes	No	
	Setenv DISPLAY IP-HOST:0.0			
15	Make a copy of C shell: .login and .cshrc Posix or Korn .profile			
16	Make copies of your /oracle/local/bin/coraenv and oraenv files Also make copies of your \$ORACLE_HOME/network/admin listener.ora, sqlnet.ora, and tnsnames.ora files.			
17	Determine the port number to be used as the admin port number for your OAS Manager. To see used port numbers, view your etc/services file			
20	Cd to /SD_CDROM/hpux and start run the installer ./runInstaller			
18	Shut down all ORACLE services including databases, listeners, other application servers, etc.			
19	Start your X-Term session			
21	The buttons along the bottom of the installer screen are: <ul style="list-style-type: none"> • Exit - To quit the installation process and exit the installer • Help - To access detailed information about the functionality of each screen • Installed Products - To view currently installed products and de-install individual components or the entire product. • Previous - To return to the previous screen • Next - To move to the next screen 			
22	If necessary, choose Deinstall Products and follow the directions.			
23	Choose Next to continue with the installation			
24	File Locations: accept the default			

Step	Instructions	Successful?		Comments
		Yes	No	
25	UNIX Group - Choose DBA The UNIX Group Name screen appears the first time Oracle Universal Installer runs on your system.			
26	Installation Types - Choose Typical - This installs all components required to run the Oracle Application Server in primary node. This includes all runtimes, listeners, utilities, administrative tools, Oracle8i Client software, JDK1.2 and documentation			
27	Available Product Components allows you to select and deselect components.			
28	Component Locations <u>This screen appears only if the installer detects insufficient disk space in the ORACLE_HOME directory.</u> If you need to change a location, select the individual component to display and change destination location path. The installer enables you to change the destination location.			
29	Oracle Application Server Version - Choose the Enterprise edition			
30	Optional Flexible Architecture - Choose No - If you were to choose yes, the installer will add ORACLE_BASE to the BEGINNING of your ORACLE_HOME			
31	<p>Host/Domain Name Information -</p> <ul style="list-style-type: none"> Host Name - a character string that uniquely identifies your computer Within a Domain Name Service (DNS) Domain Name - Represents a group of computers uniquely identified on the Internet. <p>The Domain Name Service (DNS) translates the combination of the host and the domain into an Internet Protocol address (FQDN) which represents a specific computer on the Internet.</p> <p>DURING THE INSTALL THE FQDN CANNOT EXCEED 24 CHARACTERS.</p>			
32	<p>Site Management Information</p> <ul style="list-style-type: none"> Site Name - The Site name is your choice, website40 being the default. The site name can not be changed after installation. Boot Port- 2649 is the default. You MUST be certain that the port 			

Step	Instructions	Successful?		Comments
		Yes	No	
	number has not been used before, even in a previous unsuccessful install.			
33	<p>Site Security -</p> <p>There are five places to enter information re site security.</p> <ul style="list-style-type: none"> Site Administrator - OAS user who performs admin tasks using the OAS Manager. Default is admin Node Manager Port - Network port number on which the Node Manager listener runs. Default is 8888. Range is between 1 and 65535. Make sure to use a number > 1024 to avoid root requirements at startup. <p>If you change the default port number, be sure to choose a unique one.</p> <p>THE OAS WILL USE THE PORT NUMBER SELECTED HERE PLUS THE NEXT THREE NUMBERS IN SEQUENCE TO START THE COMPONENTS OF OAS. IT IS IMPORTANT THAT THE NUMBER SELECTED IS AT LEAST 3 UNUSED PORT NUMBERS FROM AND PREFERABLY 10 UNUSED PORT NUMBERS FROM ANY ALREADY USED PORT NUMBER.</p> <ul style="list-style-type: none"> Admin Listener Port - The network port on which the Administration Utilities listener runs. Default is 8889. Range is between 1 and 65535 and should be 1 number greater than the value selected for the node manager port number. User Name is for OAS administration manager. Password is for OAS administration manager. 			
34	<p>Oracle Web Listener Configuration -</p> <ul style="list-style-type: none"> Web Listener Name - The name of the web listener set up for general usage requests. Default Web Listener is www Site Listener Port - Port number on which the Web listener runs. Default is 80. <p>If you are running any other web server such as Apache on port 80</p>			

Step	Instructions	Successful?		Comments
		Yes	No	
	choose another port number			
35	Group Messaging - Choose default			
36	Information - Repeats the default Multicast information from the previous screen			
37	Additional Settings - To update .profile and .login files. This is optional. We chose Yes and edited the .login file after the install.			
38	Choose JDK Home Directory - Here you must put /opt/java1.2 if you are running the TSS-Release of HP-UX 11. If not, put the directory path of where you installed JAVA1.2.2			
39	Setting Summary - Displays the configuration values detected by the installer.			
40	Summary - The summary screen allows you to overview all the settings before the actual installation process begins. If you need to make a change, select the previous button until you get to the screen you need.			
41	Select INSTALL to start the installation process. Monitor the installation process and select NEXT. The installation screen displays the progress of the installation. It also displays the location of the log files being created during the install.			
42	<p>After the installation is complete, the installer prompts you to run the root.sh script as ROOT. It is run from \$ORACLE_HOME. The root.script detects the settings of the following:</p> <ul style="list-style-type: none"> • ORACLE_OWNER • ORACLE_HOME • ORACLE_SID environment variables • local bin directory. <p>You can accept the default of the local bin directory or change to a different local bin directory.</p> <p>\$/root.sh -</p>			

Step	Instructions	Successful?		Comments
		Yes	No	
43	After the root.shl runs, click OK to close the window. A new window will open to prompt you to configure Net8. Choose cancel because you will use tnsnames.ora and sqlnet.ora, which you will copy in a later step.			
44	<p>Configuration tools - Lists the configuration tools for all installed components. The status changes as each component is configured.</p> <p>Noted issue with the Jweb Cartridge part of the install This was corrected by creating a symbolic link pointing to the httpd_site name directory (webt being an alias for our site odysseus). Once the symbolic link is created you can return to the installer, highlight the error and select retry.</p> <p>In -s httpd_webt httpd_odysseus</p> <p>In -s httpd_webt httpd_WEBT</p> <p>In -s httpd_webt httpd_ODYSSEUS</p> <p>PLEASE SEE INFRASTRUCTURE UPGRADE PLAN FOR DETAILS</p>			
45	You need to comment out the last NEW line in your .login or .profile. Another alternative is to copy your original back in.			
46	Copy your tnsnames.ora and sqlnet.ora to your OAS4.0.8.2 ORACLE_HOME			
47	<p>You should try to connect to SQLPLUS. If you get a coredump, then apply Bugfix 1194937.</p> <p>Bugfix 1194937: The OAS4.0.8.2 software was written based on ORACLE 8.6.0.0 version of the RDBMS. This version of the RDBMS/Client software has a bug that causes SQLPLUS to coredump. This Bugfix MUST be applied ONLY to the sqlplus that is installed as a part of the OAS4.0.8.2 install. This fix is available on the ftp server in the banner/prod/oracle/hpux11 directory.</p>			
48	Start the OAS Node Manager and Application Server Components by executing the appropriate oasenv shell script as detailed by your OAS installation, and using the following commands.			

Step	Instructions	Successful?		Comments
		Yes	No	
	<ul style="list-style-type: none">• Owsctl start -nodemgr• Owsctl start			
49	This should complete the OAS4.0.8.2 install. Please go to your documentation for configuring the OAS.			