Oracle9*i* Application Server

Release Notes Addendum

Release 1.0.2.1 for Sun SPARC Solaris

March 2001

Part No. A88730-03

1.0 Purpose of this Addendum

This addendum notes information that is missing from the Oracle9*i* Application Server Release 1.0.2.1 for Sun SPARC Solaris Release Notes. It is intended to be used in conjunction with the Release Notes.

Oracle will periodically update these notes as new information becomes available. The latest version can be found at

```
http://otn.oracle.com/products/ias
```

The Rights and Restrictions included in the Release Notes also apply to the information in this Addendum.

2.0 Known Restrictions and Limitations

Before using Oracle9*i* Application Server, read through each item in this section to gain an understanding of the restrictions and limitations in this release that may require additional steps.

2.1 Oracle9*i*AS Database Cache Configuration Assistant Failure

The Oracle9iAS Database Cache Configuration Assistant fails when 'Updating User List' is 96% complete. The following error appears:

```
Updating User List
        Adding users to the cache
        Adding users to the cache failed.
        Reason: WTE-03501 Error updating list of users:
                Export failed on origin database.
        OCI error - ORA-06520: PL/SQL: Error loading external library
        ORA-06522: dlopen: cannot load /lib/libc.so
        ORA-06512: at "SYS.WTCSYS", line 11
        ORA-06512: at "SYS.WTCSYS", line 66
```

```
ORA-06512: at line 1
Processing failed.
```

A patch for all Oracle9*i* Application Server 1.0.2 releases is available to fix this problem. The patch is not specific to NT as reported, but fixes the problem on all Oracle9*i*AS Database Cache platforms that have an Oracle origin database running on the following UNIX operating systems:

- HP-UX

- Compaq Tru64

- IBM AIX

Follow these steps to apply the patch:

1. Complete the Oracle9*i* Application Server installation after the error described above occurs.

2. Copy `wtcsini.plb` to the following directory:

    Windows NT: <ORACLE_HOME>\icache\admin

    UNIX: <ORACLE_HOME>/icache/admin

3. Rerun the Oracle9*i*AS Database Cache Configuration Assistant from the bin directory.

    Windows NT:

    ```
    cd <ORACLE_HOME>\bin
    wtacca -create -typical "username=sys" "password=your_password"
    ```

    Unix:

    ```
    cd <ORACLE_HOME>/bin
    wtacca -create -typical "username=sys" "password=your_password"
    ```

    The Oracle9*i*AS Database Cache Configuration Assistant completes without errors.

2.2 Oracle Universal Installer Shows Incorrect Installation Status

The Oracle Universal Installer may display 'in progress' status after a component installation is in fact complete. This was observed during installation of the Database Cache and Portal configuration tools, and resolved after canceling the first attempt. On the second attempt, the completed installation was properly reflected in the status display.

2.3 OracleJSP Error

In HTTP Server and Standard Edition installations, the following OracleJSP error occurs when accessing Accessories from Browse Categories:

Error:

```
Request URI:/onlineorders_html/srch_results.jsp
```

Exception:

```
oracle.jsp.parse.JspParseException: Line # 7, Error: Unable to find
class for bean: parms defined by tag with class:
jspclient.processParms
```

To resolve the error, rename the JspClient directory to jspclient (all lower case). The directory is located in

$ORACLE_HOME/Apache/Apache/htdocs/onlineorders_html/

2.4 Configuration Guide for Response Files for Silent Install

For silent installation of each edition of Oracle9*i* Application Server, there is a response file located on Disk #1 in the /stage/Response directory:

- Minimal Edition: oracle.iappserver.iapptop.Minimal.rsp

- Standard Edition: oracle.iappserver.iapptop.Standard.rsp

- Enterprise Edition: oracle.iappserver.iapptop.Enterprise.rsp

To use a response file, you must copy it from the Oracle9*i* Application Server CD-ROM to a drive on your system, and edit it to include information specific to your system. Each file contains minimal instructions for properly configuring the response file. Below is a guide for editing and configuring your response file. It contains relevant sections from the above response files with sample values to proceed with silent installation. These sections are described below:

- All Install Types (Minimal, SE & EE)

- Minimal & SE Install Types Only

- SE Install Type Only

- EE Install Type Only

- For Portal Config Assistant Only (With All Install Types)

- Other Configuration tools

- Release 1.0.2.0 EE response file changes

Total changes needed:

- EE installation: 12 parameters, plus 7 Portal Configuration Assistant specific entries

- SE installation, 13 parameters, plus 7 Portal Configuration Assistant specific entries

- Minimal, 10 parameters plus, 7 Portal Configuration Assistant specific entries

> **Note:** The parameter UNIX_GROUP_NAME is "Unix group to be set for the inventory directory."
>
> The parameter FROM_LOCATION_CD_LABEL should only be used in multi-CD installations. Its value is "Oracle9i Application Server 1.0.2.1.0"

All Install Types (Minimal, SE & EE)   Total: 9

```
[SESSION]

#Parameter: UNIX_GROUP_NAME
#Type: String
#Description: Unix group to be set for the inventory directory. Valid
only in Unix platforms.
#Example : UNIX_GROUP_NAME = "install"
UNIX_GROUP_NAME=<Value Unspecified>


#Parameter: FROM_LOCATION
#Type: String
#Description: Complete path of the products.jar.
#Example : FROM_LOCATION = "/net/tools-nfs/inst_
ias/solaris/ias10210/production/Disk1/stage/products.jar"
FROM_LOCATION="/net/tools-nfs/inst_
ias/solaris/ias10210/production/Disk1/stage/products.jar"


#Parameter: FROM_LOCATION_CD_LABEL
#Type: String
#Description: This variable should only be used in multi-CD
installations. It includes the label of the Compact Disk where
the file "products.jar" exists. The label can be found in the file
"disk.label" in the same directory as products.jar.
#Example : FROM_LOCATION_CD_LABEL = "CD Label"
FROM_LOCATION_CD_LABEL=<Value Unspecified>


#Parameter: ORACLE_HOME
#Type: String
#Description: Complete Location of the Oracle Home.
#Example : ORACLE_HOME = "C:\OHOME1"
ORACLE_HOME="/private2/oracle/iasse2"


[oracle.webdb.apache_1.3.12.0.2b]
```

```
#Parameter: user_input2
#Type: StringList
#Description: This variable holds the input from dialog2.
user_input2={"portal30", "portal30", "t816.world"}

#Parameter: user_input1
#Type: StringList
#Description: This variable takes the input from the first dialog.
user_input1={"portal30_sso", "portal30_sso", "t816.world"}

[portaltogo.server_1.1.0.0.0]

#Parameter: SYSTEM_PASSWORD
#Type: String
#Description: This will hold the panama SYSTEM user password
SYSTEM_PASSWORD="manager"

#Parameter: SRV_USER
#Type: StringList
#Description: This will hold the Portal-to-Go User and Password
SRV_USER={"scott", "tiger"}

#Parameter: SRV_HOST
#Type: StringList
#Description: This will hold the Portal-to-Go host variables
SRV_HOST={"london.us.oracle.com", "2021", "l816"}
```

Minimal & SE Install Types Only   Total: 1

```
[oracle.iappserver.iapptop_1.0.2.1.0]

#Parameter: startupProcesses
#Type: StringList
#Description: StringList of processes to configure and start
automatically in iAS Installation.  This variable is used only in
Enterprise Edition installs (in other install types, all processes are
automatically started).  Possible values that can be
included in the StringList are the strings "Oracle HTTP Server in
Non-SSL mode (on port 7777)",  "Oracle9iAS Portal".
If the StringList is empty, no processes are started.  For example, the
#StringList {"Oracle HTTP Server in Non-SSL mode (on port 7777)",
"Oracle9iAS Portal"} would configure and start
up those products.
startupProcesses={"Oracle HTTP Server in Non-SSL mode (on port 7777)",
"Oracle 9iASPortal"}
```

SE Install Type Only   Total: 3

```
[oracle.assistants.dbca_8.1.7.0.0]

#Parameter: s_globalDBName
#Type: String
#Description: Global Database Name
s_globalDBName="m10ee2.world"

#Parameter: s_mountPoint
#Type: String
#Description: Database file location:  directory for datafiles, control
files, redo logs.
s_mountPoint="/private2/oracle/iasee2/dbs"

#Parameter: s_dbSid
#Type: String
#Description: Value that $ORACLE_SID will be set to.
s_dbSid="m10ee2"
```

EE Install Type Only   Total: 3

```
[oracle.iappserver.iapptop_1.0.2.1.0]

#Parameter: startupProcesses
#Type: StringList
#Description: StringList of processes to configure and start
automatically in iAS Installation.  This variable is used only in
Enterprise Edition installs (in other install types, all processes are
automatically started).  Possible values that can be
included in the StringList are the strings "Oracle9iAS Database Cache" ,
"Oracle9iAS Forms and Reports Services" ,
"Oracle HTTP Server in Non-SSL mode (on port 7777)" , "Oracle9iAS Web
Cache" , "Oracle9iAS Portal" ,
"Oracle9iAS Discoverer", "Oracle Management Server".  If the StringList
is empty, no processes are started.  For
example, the
#StringList {"Oracle HTTP Server in Non-SSL mode (on port 7777)",
"Oracle9iAS Portal"} would configure and start
up those products.
startupProcesses={"Oracle9iAS Database Cache" , "Oracle9iAS Forms and
Reports Services" , "Oracle HTTP Server in
Non-SSL mode (on port 7777)" , "Oracle9iAS Web Cache" , "Oracle9iAS
Portal", "Oracle9iAS Discoverer"}

[oracle.icache.icacheca_1.0.2.0.0]

#Parameter: sl_dbaReturn
#Type: StringList
#Description: Name and Password of SYSDBA user on origin DB.
sl_dbaReturn={"sys", "change_on_install"}
```

```
#Parameter: sl_connectStringReturn
#Type: StringList
#Description: Fields are: Name of origin DB machine, Port number of
listener on origin (often 1521), Service name of
origin DB.
sl_connectStringReturn={"london.us.oracle.com", "2021", "l816.world"}
```

For Portal Config Assistant Only (With All Install Types)   Total: 7

```
Note: OPCA takes default values for 4 tablespace name parameters, if not
specified with response file. Following are
their names and default values. If you match with your selection, you
need not specify them with your response files.
i.   tmp_tablespace="TEMP"
ii.  log_tablespace="USERS"
iii.doc_tablespace="USERS"
iv.def_tablespace="USERS"


[oracle.webdb_3.0.8.9.8]


#Parameter: silent
#Type: Boolean
#Description: This variable is true if silent mode is on.  It is passed
to the wwv component.
silent=true


[oracle.webdb.apache_1.3.12.0.2b]


#Parameter: opca_tnsconnect
#Type: String
#Description: tns connect string which is required by Oracle Portal
Config Assistant.  This should be in <machine
name>:<port>:<sid> format.
opca_tnsconnect="london.us.oracle.com:2021:l816"


[oracle.webdb.wwv_3.0.8.9.8]


#Parameter: sys_password
#Type: String
#Description: System Password for Portal's OPCA
sys_password="change_on_install"


#Parameter: tmp_tablespace
#Type: String
#Description: Temporary Tablespace for Portal's OPCA
tmp_tablespace="TEMP"


#Parameter: log_tablespace
```

```
#Type: String
#Description: Logging tablespace for Portal's OPCA
log_tablespace="USERS"

#Parameter: doc_tablespace
#Type: String
#Description: Document Tablespace for Portal's OPCA
doc_tablespace="USERS"

#Parameter: def_tablespace
#Type: String
#Description: Default Tablespace for Portal's OCPA
def_tablespace="USERS"
```

Other Configuration tools

<u>DBCA & Net Configuration Assistant</u>

These tools are run in typical mode while running Oracle9*i* Application Server silently, so no response files are required.

<u>Oracle9*i*AS Database Cache Configuration Assistant</u>

This tool's user input is specified with EE response file parameters `sl_dbaReturn` and `sl_connectStringReturn` as mentioned above with component [oracle.icache.icacheca_1.0.2.0.0]

<u>*i*FS Configuration Tool</u>

Use the file template `IfsConfig.properties` provided with the shiphome. This is a post Oracle9*i* Application Server installation task. This configuration tool is not run with Oracle9*i* Application Server installation.

<u>Oracle Management Server</u>

 Silent mode is not supported with Oracle9*i* Application Server 1.0.2 release (scheduled for Oracle9*i* Application Server 2.0).

Release 1.0.2.0 EE response file changes

```
[SESSION]

#Parameter: UNIX_GROUP_NAME
#Type: String
#Description: Unix group to be set for the inventory directory. Valid
only in Unix platforms.
#Example : UNIX_GROUP_NAME = "install"
UNIX_GROUP_NAME=<Value Unspecified>

#Parameter: FROM_LOCATION
#Type: String
#Description: Complete path of the products.jar.
```

```
#Example : FROM_LOCATION = "../stage/products.jar"
FROM_
LOCATION="/private1/balbert/dve/production/Disk1/stage/products.jar"

#Parameter: FROM_LOCATION_CD_LABEL
#Type: String
#Description: This variable should only be used in multi-CD
installations. It includes the label of the Compact Disk where
the file "products.jar" exists. The label can be found in the file
"disk.label" in the same directory as products.jar.
#Example : FROM_LOCATION_CD_LABEL = "CD Label"
FROM_LOCATION_CD_LABEL="9iAppServer"

#Parameter: ORACLE_HOME
#Type: String
#Description: Complete Location of the Oracle Home.
#Example : ORACLE_HOME = "C:\OHOME1"
ORACLE_HOME="/private1/oracle/iasee1"

#Parameter: TOPLEVEL_COMPONENT
#Type: StringList
#Description: The Toplevel component that has to be installed in the
current session.
#The following choices are available. The value should contain only one
of these choices.
#The choices are of the form Internal Name, Version : External name.
Please use the internal name and version while
specifying the value.
# oracle.iappserver.iapptop, 1.0.2.0.1 : Oracle9i Application Server
1.0.2.0.1
#Example : TOPLEVEL_COMPONENT =
{"oracle.iappserver.iapptop","1.0.2.0.0"}
TOPLEVEL_COMPONENT={"oracle.iappserver.iapptop","1.0.2.0.1"}

[oracle.iappserver.iapptop_1.0.2.0.1]

#Parameter: startupProcesses
#Type: StringList
#Description: StringList of processes to configure and start
automatically in iAS Installation. This variable is used only in
Enterprise Edition installs (in other install types, all processes are
automatically started). Possible values that can be
included in the StringList are the strings: "Oracle Database Cache" ,
"Forms and Reports Server" , "Oracle HTTP Server
(on port 7777)" , "Oracle Web Cache", "Oracle Discoverer 3i Viewer",
"Oracle Portal", "Oracle Management Server". If
the StringList is empty, no processes are started. For example, the
#StringList {"Oracle Database Cache","Forms and Reports Server"} would
configure and start up those products.
#Possible Values are { "Oracle Database Cache" , "Forms and Reports
```

```
Server" , "Oracle HTTP Server (on port 7777)" ,
"Oracle Web Cache" , "Oracle Discoverer 3i Viewer" , "Oracle Portal",
"Oracle Management Server" }
#But Following 4 config tools doesn't support silent modes:
#1. "Oracle Web Cache" , 2. "Oracle Portal", 3. "Oracle Database Cache"
, 4. "Oracle Management Server"

startupProcesses={"Forms and Reports Server" , "Oracle HTTP Server (on
port 7777)" , "Oracle Discoverer 3i Viewer"
}

[oracle.webdb.apache_1.3.12.0.0a]

#Parameter: user_input2
#Type: StringList
#Description: This variable holds the input from dialog2.
user_input2={"portal30", "portal30", "t816.world"}

#Parameter: user_input1
#Type: StringList
#Description: This variable takes the input from the first dialog.
user_input1={"portal30_sso", "portal30_sso", "t816.world"}

[portaltogo.server_1.0.2.2.0]

#Parameter: SYSTEM_PASSWORD
#Type: String
#Description: This will hold the panama SYSTEM user password
SYSTEM_PASSWORD="manager"

#Parameter: SRV_USER
#Type: StringList
#Description: This will hold the Portal-to-Go User and Password
SRV_USER={"scott", "tiger"}

#Parameter: SRV_HOST
#Type: StringList
#Description: This will hold the Portal-to-Go host variables
SRV_HOST={"toronto.us.oracle.com", "2021", "t816"}

[oracle.icache.icacheca_1.0.2.0.0]

#Parameter: sl_dbaReturn
#Type: StringList
#Description: Name and Password of SYSDBA user on origin DB.
sl_dbaReturn={"sys", "change_on_install"}

#Parameter: sl_connectStringReturn
#Type: StringList
#Description: Fields are: Name of origin DB machine, Port number of
```

```
listener on origin (often 1521), Service name of
origin DB.
sl_connectStringReturn={"toronto.us.oracle.com", "2021", "t816.world"}
```

2.5 startupProcesses Parameter Description Incorrect

The parameter "startupProcesses" in the response file templates has an incorrect Description. Use the Description below as a guide to editing the response files:

```
Description="StringList of processes to configure and start
automatically in iAS Installation. This variable is used in all install
types. For Enterprise Install possible values that can be included in
the StringList are the strings "Oracle9iAS Database Cache", "Oracle9iAS
Forms and Reports Services" , "Oracle HTTP Server in Non-SSL mode (on
port 7777)" , "Oracle9iAS Web Cache" , "Oracle9iAS Portal" , "Oracle9iAS
Discoverer", "Oracle Management Server". For Standard and Minimal
Installs, possible values are only "Oracle HTTP Server in Non-SSL mode
(on port  7777)" , "Oracle9iAS Portal". If the StringList is empty, no
processes are started. For example, the StringList {"Oracle HTTP Server
in Non-SSL mode (on port 7777)" , "Oracle9iAS Portal" }would configure
and start up those products.
```

2.6 Web Cache Configuration Assistant Appears When Not Selected

The Web Cache Configuration Assistant starts after installation even if it is not selected in the configuration window.

2.7 Discoverer 3i Viewer Server Fails on Non-Pseudocolor X11

There is an known issue with ORCA installer running on the X emulator. It happens in the Oracle9*i* Application Server Enterprise Edition install which launches the ORCA/orainst installer to install Discoverer. The orainst installer has a bug that prevents it from running against some types of X emulators. As a result, orainst does not launch and Discoverer scripts are not installed.

Exceed for Win32 X Server and Reflection X Server for Win32 will work, if you set the visual to PsuedoColor:

1. Start the Xconfig program and select "Screen Definition".

2. Set the "Visual" to PsuedoColor.

3. Reset the server.

Many VGS-based programs, such as the iDS designers - Forms Designer, Reports Designer and the ORCA installer, have the limitation that they must run in 8-bit color (called the PsuedoColor visual in X lingo). The X

server used to run the Discoverer 3i and 4i installs must be set to present the 8-bit PsuedoColor display to orainst; please consult your X server documentation.

2.8 Executing the owaload.sql script

To make the owaload.sql script run correctly, you must always execute it in <ORACLE_HOME>/assistants/opca/. An error occurs if you execute it in <ORACLE_HOME>/Apache/modplsql/owa/.

2.9 Variable Setting Required to Run Multiple Portal Instances on One Machine

The Oracle Portal installation sets a mod_plsql variable, `WV_GATEWAY_ CONF` in the WIndows NT/2000 registry. To run multiple Portal instances on the same machine, you must set this variable in a DOS window, and start the HTTP Listener from the DOS window.

On UNIX platforms, the `WV_GATEWAY_CONF` variable is set up in $IAS_ HOME/Apache/Apache/bin/httpdsctl.

On Windows NT/2000, the only way to start a second listener that uses mod_plsql is to start it from a console window with the command `apache -k start` after setting the `WV_GATEWAY_CONF` variable.

Beginning in Oracle9*i* Application Server version 2.0, this environment variable will not be used. Instead, the configuration file will be accessed from a hard-coded location of $IAS_HOME/Apache/modplsql.cfg.

2.10 Root User Login for Installation

When installing Oracle9*i* Application Server, do not use this command to log in as root user:

```
$ su
```

The `su` command does not set the environment properly, and because of this the installation may fail. Instead, log in as root in a separate session, or use this command:

```
$ su -root
```