U-PASS SETUP

A major function of U-PASS is to validate requests to create, change, and delete userIDs in Oracle and Sybase databases. Oracle databases managed by U-PASS include databases residing at the two processing centers and databases at local sites. *This document will refer to all databases managed by U-PASS as remote databases.*

Requests for Oracle validation are handled in the following manner:

- Additions - When a request to add a userID is validated through U-PASS, the userID is created on the remote database and granted the CONNECT privilege as default. See Oracle Application Profile section below for additional details about creating Oracle users.

- Changes - When a request to change a userID is validated through U-PASS, the password in the database is updated. Change requests involve changes to user passwords only. For an ORACLE database, the SQL*PLUS command issued is 'ALTER USER *userID* IDENTIFIED BY *password*'.

- Deletions - When a request to delete a userID is validated through U-PASS, the userID and all objects owned by that userID are deleted from the Oracle database. For an ORACLE database, the SQL*PLUS command issued is 'DROP USER userID CASCADE'.

The following steps describe how to prepare the Oracle database for validations through U-PASS. Steps 1, 3, 4, and 5 are performed by the U-PASS Administrator, Step 2 depends on where the database is located. Step 6 is performed by both the Processing Center and the U-PASS Administrator.

Setting up an Oracle Application Profile for U-PASS managed databases.

The Oracle Application Profile (OAP) is used to maintain information about how Oracle userIDs should be created. Specifically, this information consists of the Oracle userID and password that will perform the validation on the remote database, the default role, default tablespace, default temp space, default quota, default profile, and the application role that will be set up for each userID in that Oracle database.

U-PASS administrators are responsible for maintaining this information. The validate userID and password are required. This userID and password must always be a valid account that can be logged into on the remote database, and must have sufficient privilege to create users, etc. (see list of privileges to be granted, below). U-PASS uses this userID and password to log in to the remote database. If there is no entry for other parameters on the OAP page, userIDs will be created using the defaults assigned by the remote Oracle database and CONNECT will be the only role granted.

The Oracle Application Profile is accessible by clicking the link from the Utilities Menu. An Oracle Application Profile page will be loaded displaying the Oracle applications for which the U-PASS administrator is responsible. Two lists may exist on this page. The first list will contain a link to all the Oracle applications for which a profile exists. The second list will display Oracle applications which do not have a profile but are owned by the U-PASS administrator.

Create an Oracle Application Profile:

To create an Oracle application profile, the administrator should click on the application name. The Create Oracle Application Profile page will be displayed. Required fields are the Validate ID and Validate Password fields. All other fields are optional. If there is any question about the recommended values for these fields, please check with the D.B.A. for that database, or contact U-PASS Support.

A summary of the data entry fields are:

Validate ID:	The userID used to create userIDs on the database should be entered into this field.
Validate Password:	Enter the password of the Validate ID.
Default Role:	RMS_USER or leave blank.
Default Tablespace:	RMS_DATA or leave blank.
Default Temp Tablespace:	Temporary tablespace defined for the remote Oracle database. Normally this is TEMP. But some databases are setup with other names. An example of the field entry is TEMPSPACE.
Default Quota:	Not used for RMS leave blank.
Default Profile:	Not used for RMS leave blank.

NOTE: U-PASS administrators must create an Oracle application profile for each database for which they validate. U-PASS WILL NOT PROCESS TRANSACTIONS UNTIL PROFILES ARE CORRECTLY CREATED.

Update an Oracle Application Profile:

Oracle application profiles can be modified by clicking on the application name of the existing profile. Make changes and click **update**. This will submit a job to run on the host system, so wait a few minutes before validating any requests.

Verify that the init.ora **does not** set global_name to true.

The processing centers will do this for databases at each center. The init.ora for databases at local sites will be checked by the U-PASS administrator.
The default value is false, and is required to ensure no checking is performed and to ensure that the database link name is the same name as the database.

Set up a RMS database:

Unlike some of the other Oracle databases supported by U-PASS, downloading and compiling the remote_valid procedure is not needed for U-PASS support of RMS. A modified version of remote_valid has been compiled into each RMS database and is executable to U-PASS administrators that have been granted the RMS_USER role.

To begin processing requests for RMS, create the Oracle Application profile within U-PASS. Under Utilities, Oracle Application Profile Screen, choose the RMS database which needs to be set up from the list.

Note: *If you do not see a list, then your userID may not have been designated a U-PASS "owner" of the application. Your userID will need to be a designated owner before you can continue with the setup steps. Check the "owners" link from the main page of U-PASS and query for the RMS database to see who the designated owners are. Any of these people, as owners of the database, can add or delete owners to applications that they own in U-PASS.*

On the Oracle Application Profile Screen, enter the following values (This is not case sensitive):

> The **validate userID** must exist in the RMS database and have the RMS_USER role. This gives the permissions to execute the remote_valid.sql procedure. The userID may have been created through U-PASS by another owner of the RMS database, or (if this is the initial setup of the U-PASS interface), the validate userID must be set up manually and given the RMS_USER role.

> The **validate password** is the database password for the userID specified in the step above. Note that it is not the U-PASS password.

> **Default Role**, RMS_USER or leave blank

> **Application Role**, leave blank

> **Tablespace**, RMS_DATA or leave blank

> **Temporary Tablespace**, TEMPSPACE or TEMP. This value is different for different RMS databases. If the database is located at Western Processing Center (WPC) then it will be TEMPSPACE. All other locations should use TEMP.

> **Quota**, leave blank

> **Profile**, leave blank