Oracle dSource in 'UNKNOWN' State Due to db_unique_name Mismatch (KBA1172)

KBA

KBA# 1172

Applicable Delphix Versions

Click here to view the versions of the Delphix engine to which this article applies

How to Task

If the db_unique_name is changed on the source database, then this will cause the status of the dSource to go into "UNKNOWN" state:

![Image of Delphix UI showing SnapSync, LogSync, Environment, OS]

To Resolve the Unknown State

Complete the following procedure to resolve the Unknown state issue:

1. Prior to Delphix Release 5.2, the parameter "Database Unique Name" can be found in the UI by selecting the dSource and flipping the card.
Starting with Delphix release 5.2 and later, the database "Unique Name" can be located in the UI by selecting the "configuration" tab after selecting the dSource.

2. On the database on the source, check the setting by executing the following SQL statement

```
SQL> select db_unique_name from v$database;
DB_UNIQUE_NAME
-----------------------------
db12creg_standby
```

Resolving Mismatched Unique Names

If the database unique names do not match then either change the parameter on the database back to the original one so it matches the Delphix parameter, or, if the parameter needs to be changed on the Delphix side, then the dSource will need to be detached/attached by following the procedure. Ensure you have completed the prerequisites found in Detaching and Attaching a dSource.

1. Select the dSource.

   ```
delphix> database "dexample"
   ```

2. Run the detachSource command, specifying the currently active source. This step can be skipped if the dSource has already been detached through the GUI.

   ```
delphix database "dexample"> detachSource
   delphix database "dexample" detachSource *> set source=dexample
   delphix database "dexample" detachSource *> commit
   ```

3. Run the attachSource command.

   ```
delphix database "dexample"> attachSource
   ```
4. Set the config to point to an unlinked source.

The following is an example to attach to an Oracle data source:

```
delphix database "dexample" attachSource *> set source.name=dexamplePrimary
delphix database "dexample" attachSource *> set source.config=example2
delphix database "dexample" attachSource *> set environmentUser="environment/myuser"
delphix database "dexample" attachSource *> set dbUser=orauser
delphix database "dexample" attachSource *> set dbCredentials.password=orauserpwd
```

The following is an example to attach to a SQL Server data source:

```
delphix database "dexample" attachSource *> set source.config=SQLSERVER/dexample
delphix database "dexample" attachSource *> set source.sharedBackupLocation=\SERVER1\Backups
delphix database "dexample" attachSource *> set pptRepository=SQL2008R2
delphix database "dexample" attachSource *> set dbUser=dbuser
delphix database "dexample" attachSource *> set dbCredentials.password=dbuserpwd
```

5. Commit the operation.

```
delphix database "dexample" attachSource *> commit
```

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**Related Articles**

The following articles may provide more information or related information to this article:

- [CLI Cookbook: Detaching and Attaching an Oracle dSource](#)