

## Upgrading or patching Oracle with Dbvisit

Dbvisit Standby has been developed so that Dbvisit iStandby is compatible with all versions of Oracle (from Oracle 8i).

When Oracle is upgraded or patched to a new version, Dbvisit will not have to be upgraded.

When upgrading or patching Oracle we recommend the following approach\*:

1. Stop the Dbvisit schedule for the database being upgraded on both the primary and standby servers.
2. Shutdown the primary database on the primary server using command:

```
% dbv_oraStartStop stop database_name
```

3. Shutdown the standby database on the standby server using command:

```
% dbv_oraStartStop stop database_name
```

4. Stop all listeners and agents on primary and standby servers.
5. Patch or upgrade the Oracle software on the primary server as specified by Oracle in the accompanied release notes. This is normally done by running the installer:

```
% ./runInstaller
```

If this is an interim patch, run opatch per the patch README.

6. Patch or upgrade the Oracle software on the standby server as specified by Oracle in the accompanied release notes. This is normally done by running the installer:

```
% ./runInstaller
```

If this is an interim patch, run opatch per the patch README.

7. Startup the primary instance on the primary host.

```
% sqlplus "/ as sysdba"  
SQL> startup migrate
```

8. On the primary instance run the following script:

```
SQL> @?/rdbms/admin/catpatch.sql
```

For the interim patch, run any scripts as outlined in the accompanied README.

9. On the primary instance run the following command:

```
SQL> alter system disable restricted session;
```

10. Complete the remainder of the "Post Install Actions" from the Patch Set readme on the primary host.

11. **Only** if ORACLE\_HOME is changed:

If the ORACLE\_HOME is set in the Dbvisit Database Configuration (DDC) file, then update the DDC file to the new ORACLE\_HOME. If the ORACLE\_HOME is not set in the DDC file, then Dbvisit will automatically pick up the new ORACLE\_HOME.

12. Run Dbvisit manually on the primary server. This will force a log switch and will verify if archiving is working successfully:

```
% dbvisit database_name
```

13. Start all listeners and agents on primary and standby servers.

14. Verify that the patch or upgrade has been successful on the primary server.

15. Start the standby database on the standby server with command:

```
% dbv_oraStartStop start database_name
```

16. Run Dbvisit manually on the standby server. This will apply the log and changes from the primary database:

```
% dbvisit database_name
```

17. Restart the Dbvisit schedule on both the primary and standby servers.

\*This approach has been taken from Metalink document 187242.1.