Use Case: Provisioning a New VDB

Description

The traditional approach to creating copies of databases involves the restoration of backups or a dump to physical environments. This approach requires the full amount of storage for each copy. In addition, the copy process can tax already busy networks and overwork operations staff.

Delphix allows for the rapid provisioning and refreshing of virtual databases (VDBs) without all the copying of redundant data and additional storage it requires.

The following steps show the simplicity of the Delphix approach to creating database copies:

1. Select the database on which the VDB will be based. For refreshes this step is unnecessary, as the source will be the same as the original VDB.
2. Choose the point-in-time from the TimeFlow of that database.
3. Select the Target Environment on which the VDB will be provisioned and associate any Pre/Post Provisioning Scripts desired.
4. Add the VDB Characteristics.
5. Assign the VDB to a Group and apply the SnapShot policy.
6. Review the input data and start provisioning.
7. In addition, VDBs can be created from VDBs in a similar fashion. Just use the VDB TimeFlow for the source of the new VDB.

Delphix fully orchestrates the provisioning/refresh process. Each VDB is a fully functional database, and is completely isolated from every other environment. All changes made to a VDB are only visible to that database.

The entire refresh process can be automated using the Delphix policy engine.

Related Links

- Database Provisioning Overview
- Managing VDBs
- Provisioning Oracle VDBs: An Overview
- Provisioning an Oracle VDB