Task 6

Oracle vs Postgres

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| Oracle | Postgres |
| 1. Oracle is a closed database system. which is a licensed commercial relational database management system | 1. PostgreSQL is an open-source database which is a free relational object-oriented database management system that is developed by volunteer developers worldwide. |
| 2.DataGuard provides high availability | 2.Streaming Replication provides high availability |
| 3.Data recovery process can be complicated | 3.Data recovery process is simple, as it replaces directories, sub directories and associated WAL files. |
| 4. For the Oracle database, the acquisition and product support cost is considerable, and we must also pay extra for any additional features we require, each of which has a high cost. The Oracle database’s TCO is, therefore, high. | 4. Due to PostgreSQL’s open-source nature, there are no costs associated with its acquisition or its complimentary customer support. PostgreSQL is an open-source database, so we can use all of its capabilities without paying a dime. |
| 5. Oracle is more secure than PostgreSQL. | 5. PostgreSQL provide good security but it is not secure as Oracle. |
| 6. RMAN provides an efficient and straightforward database backup | 6. PGdump and pgbasebackup are simple and straightforward database backup solutions |