DATABASE LINK’S

1. private db link

2. Public db link

• Private db link is recommended to create.

To create db link : required

• Source user id and password

• listener ip address and port number

• Source ip adress,port and target ip address and port number should be same.

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# private db link:

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User mouli creating private db link.

Only created user can use the private link .

• we can perform only DML operations.through database links.

[ insert , update, delete]

• mouli wants to view the data in u1.

• We need source user id and password .

• Source ( listener ) ip address and Port should same in target ( tnsnames) also.

• Mouli and u1 are from different servers.

• Mouli should have . create database link privilege. ( from sys user )

[ grant create database link to mouli;]

Conn mouli/mouli

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[ create database link LINK\_1 connect to u1 identified by u1 using ‘tns\_hyd’;]

Db link created

To check link is working or not :

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• select \* from dual @LINK\_1;

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To view source data :

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• select \* from t1@LINK\_1;

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# To insert data in u1 from mouli:

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desc t1@ LINK\_1

• insert into t1LINK\_1 values (1,’mouli’,’kkd’);

after insert commit . This data is inserted in source table .

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# To update data in u1 from mouli:

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desc t1@LINK\_1

• update t1@LINK\_1 set emloc=‘samalkot’ where eno=3;

after update commit . This data is updated in source table.

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# To delete data in u1 from mouli:

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• delete from t1@LINK\_1 where eno=3;

After delete commit. Data in source table will be deleted.

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# public db link :

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Any user can create public db link.

Any user in the database can use this link.

User mouli creating public db link.

• user mouli should have (public link creating grant).

[ grant create public database link to mouli;]

Conn mouli/mouli

• create public database link LINK\_1 connect to u1 identified by u1 using ‘tns\_hyd’;

# To check db link is working or not :

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• select \* from dual@ LINK\_1;

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To view source data :

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• select \* from t1@LINK\_1;

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# TO CHECK HOW MANY DB\_LINKS in DB:

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Connect as sys user in same server in which u want to know.

• desc dba\_db\_links

• select OWNER,DB\_LINK,USERNAME,HOST,CREATED from dba\_db\_links;

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# To drop database links:

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Private link :

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• private db link can drop who created it.

• drop database link link\_1;

Public link:

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• any user can drop public link .

• drop public database link link\_1.