

# Create a database link

## Syntax:

```
– CREATE [SHARED][PUBLIC] DATABASE LINK link_name  
  [CONNECT TO user IDENTIFIED BY password]  
  [AUTHENTICATED BY user IDENTIFIED BY password]  
  [USING 'connect_string']  
  – DROP DATABASE LINK
```

## Examples Using DB Links

Choose one of the following SQL statement to create a Database link:

```
1- CREATE DATABASE LINK link_name  
  CONNECT TO user IDENTIFIED BY password USING  
  '(DESCRIPTION=(ADDRESS_LIST=(ADDRESS=(PROTOCOL=TCP)  
  (HOST=prodserver)(PORT=1521)))  
  (CONNECT_DATA=(SERVICE_NAME=prod_db)))'
```

```
2- CREATE DATABASE LINK link_name CONNECT TO user identified by  
password USING 'SID serverice_name';
```

You can also use the following SQL command to verify that your database links are set up:

```
SELECT sysdate FROM DUAL@link_name;
```