**DB Link Creation**

**Overview**

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| **Trigger:** | Oracle to Oracle Database Link Creation | | |
| **Special Permissions:** | SYS Admin | **Responsible Team:** | DB Team |
| **Config. Item:** | Database | **KB Reference:** | KB# |

**Instructions**

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| **Step #** | **Information** |
| 1. | * Invoke SQL\*Plus and connect to database user that has CREATE SESSION and CREATE DATABSE LINK privileges. |
| 2. | * Before creating DB link ensure to add TNS entries (tnsnames.ora file) of Remote Database in the source DB like below:   orcl =  (DESCRIPTION =  (ADDRESS = (PROTOCOL = TCP) (HOST = hostname) (PORT = 1521))  (CONNECT\_DATA =  (SERVER = DEDICATED)  (SERVICE\_NAME = orcl) (UR = A)  )  ) |
| 3. | * Execute the below create statement to create DB link   Syntax: CREATE DATABASE LINK "db\_link\_name" CONNECT TO "user\_name" IDENTIFIED BY "password" USING 'connect\_string;  E.g : CREATE DATABASE LINK "ORCL\_DBLINK" CONNECT TO "ODB" IDENTIFIED BY "password" USING 'orcl'; |
| 4. | * Test the DB Link using SQL Developer or verify by accessing the remote objects through DB link like below   Syntax: select ‘columns’ from object\_name@db\_link\_name; |

**Document Control**

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| Revision History | | | | |
| Version | **Date** | **Author** | **Title & Company** | **Description** |
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| Document Approval | | | | |
| Version | **Name** | **Title & Company** | **Date** | **Signature** |
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