--01.[Primary]Parameter 확인 변경

$ sqlplus / as sysdba

SQL*Plus: Release 19.0.0.0.0 - Production on Mon Feb 24 05:51:47 2020 Version 19.4.0.0.0

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Connected to:

Oracle Database 19c EE Extreme Perf Release 19.0.0.0.0 – Production Version 19.4.0.0.0

SQL> select log_mode,open_mode , database_role from v$database;

```
LOG_MODE        OPEN_MODE              DATABASE_ROLE
------------    -------------------    ----------------
ARCHIVELOG    READ WRITE              PRIMARY
```

SQL> show parameter adg_redirect_dml;

```
NAME                                 TYPE        VALUE
------------------------------------ ----------- -----------------------------
adg_redirect_dml                     boolean     FALSE
```

SQL> alter system set adg_redirect_dml=true   scope=both;

System altered.

--02.[Standby]Parameter 확인 변경

$ sqlplus / as sysdba

SQL*Plus: Release 19.0.0.0.0 - Production on Mon Feb 24 05:11:39 2020 Version 19.4.0.0.0

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Oracle Database 19c EE Extreme Perf Release 19.0.0.0.0 – Production Version 19.4.0.0.0

SQL> select log_mode,open_mode , database_role from v$database;

```
LOG_MODE        OPEN_MODE              DATABASE_ROLE
------------    -------------------    ----------------
ARCHIVELOG    READ ONLY WITH         APPLY PHYSICAL STANDBY
```

SQL> alter system set adg_redirect_dml=false scope=both;

System altered.

SQL> show parameter adg_redirect_dml;

```
NAME                                 TYPE        VALUE
------------------------------------ ----------- -----------------------------
adg_redirect_dml                     boolean     FALSE
```

SQL> alter system set adg_redirect_dml=true   scope=both;

--03.[Primary]테이블 생성

sqlplus adgtest/Orclewelcome1#@pri_pdb3

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Last Successful login time: Mon Feb 24 2020 05:00:33 +00:00

Connected to:

Oracle Database 19c EE Extreme Perf Release 19.0.0.0.0 – Production Version 19.4.0.0.0

SQL> create table dml_test as select level col1, 'A'||to_char(rownum) col2   from dual connect by level <=5;

Table created.

SQL> select * from dml_test;

```
      COL1 COL2
---------- ----------------------------------------
         1 A1
         2 A2
         3 A3
         4 A4
         5 A5
```

--04.[Standby]테이블 확인

sqlplus adgtest/Orclewelcome1#@stby_pdb3

SQL*Plus: Release 19.0.0.0.0 - Production on Mon Feb 24 05:05:35 2020 Version 19.4.0.0.0

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Last Successful login time: Mon Feb 24 2020 04:51:56 +00:00

Connected to:

Oracle Database 19c EE Extreme Perf Release 19.0.0.0.0 – Production Version 19.4.0.0.0

SQL> select * from dml_test;

```
      COL1 COL2
---------- ----------------------------------------
         1 A1
         2 A2
         3 A3
         4 A4
         5 A5
```


--05.[Standby]DML 수행

sqlplus adgtest/Orclewelcome1#@stby_pdb3

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Connected to:

Oracle Database 19c EE Extreme Perf Release 19.0.0.0.0 – Production Version 19.4.0.0.0

SQL> delete from dml_test where col1=5;

1 row deleted.

SQL> commit;

Commit complete.

SQL> select * from dml_test;

```
      COL1 COL2
---------- ----------------------------------------
         1 A1
         2 A2
         3 A3
         4 A4
```

--06.[Primary] standby에서 삭제된 데이터 확인

[oracle@ora1 ~]$ sqlplus adgtest/Orclewelcome1#@pri_pdb3

SQL*Plus: Release 19.0.0.0.0 - Production on Mon Feb 24 07:41:46 2020 Version 19.4.0.0.0

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Last Successful login time: Mon Feb 24 2020 07:39:20 +00:00

Connected to:

Oracle Database 19c EE Extreme Perf Release 19.0.0.0.0 – Production Version 19.4.0.0.0

SQL> select * from dml_test;


```
      COL1 COL2
---------- ----------------------------------------
         1 A1
         2 A2
         3 A3
         4 A4
```