# Commands to Stop/Start Streams:

1.Bring down the Streams

a.check the status with status.sql and capture the screenshot of the output

b. Bring down the Capture (run stop\_capture.sql)

c. Bring down the Propagation (run stop\_propagation.sql)

d. Stop apply (run stop\_apply.sql)

2. Bring down the databases (For RAC Refer [Stopping Starting nodes.docx](Stopping%20Starting%20nodes.docx))

3. Apply the CPU/PSU patches

4.Bring up Streams

a. start apply (run start\_apply.sql)

b. Bring up the Propagation (run start\_propagation.sql)

c. Bring up the Capture (run start\_capture.sql)

d. check the status by running status.sql and ensure the output matches with step 1a.

5. Bring up the Databases (For RAC Refer [Stopping Starting nodes.docx](Stopping%20Starting%20nodes.docx))

**Status.sql**

Create a script status.sql with below contents and save it as status.sql

=============================================================================

column streams\_type heading 'Type'

column error\_message format A50 heading 'Error Message'

column dbname format A30 heading 'Local system'

set linesize 120 pagesize 60

set feedback off

SELECT 'This is database '||value dbname

FROM v$parameter

WHERE name = 'db\_name'

/

SELECT 'Capture' streams\_type,

capture\_name streams\_name,

status,

error\_number,

error\_message

FROM DBA\_capture

UNION

SELECT 'Propagate' streams\_type,

propagation\_name streams\_name,

status,

NULL,

error\_message

FROM DBA\_propagation

UNION

SELECT 'Apply' streams\_type,

apply\_name streams\_name,

status,

error\_number,

error\_message

FROM DBA\_APPLY

/

select apply\_name,

local\_transaction\_id,

error\_message

from dba\_apply\_error

/

column state format A50

SELECT CAPTURE\_NAME, STATE FROM V$STREAMS\_CAPTURE;

-- To see what is needed for capture restart, query DBA\_CAPTURE.REQUIRED\_CHECKPOINT\_SCN

=============================================================================

**Stop\_capture.sql**

Create a script stop\_capture.sql with below contents and save it as stop\_capture.sql

================================================================================

set serveroutput on

set feedback off

accept vInstallation char prompt 'Which installation, LCTXN or MISC (for both just hit enter) ? '

execute MaintainRSCStreams.stop\_capture('&vInstallation');

================================================================================

**Stop\_apply.sql**

Create a script stop\_apply.sql with below contents and save it as stop\_apply.sql

================================================================================

set serveroutput on

set feedback off

accept vInstallation char prompt 'Which installation, LCTXN or MISC (for both just hit enter) ? '

accept vDbLink char prompt 'Which remote database (for all just hit enter) ? '

execute MaintainRSCStreams.stop\_apply('&vInstallation','&vDbLink');

================================================================================

**Stop\_propagation.sql**

Create a script stop\_propagation.sql with below contents and save it as stop\_propagation.sql

================================================================================

set serveroutput on

set feedback off

accept vInstallation char prompt 'Which installation, LCTXN or MISC (for both just hit enter) ? '

accept vDbLink char prompt 'Which remote database (for all just hit enter) ? '

execute MaintainRSCStreams.stop\_propagation('&vInstallation','&vDbLink');

================================================================================

**Start\_capture.sql**

Create a script start\_capture.sql with below contents and save it as start\_capture.sql

================================================================================

set serveroutput on

set feedback off

accept vInstallation char prompt 'Which installation, LCTXN or MISC (for both just hit enter) ? '

execute MaintainRSCStreams.start\_capture('&vInstallation');

**Start\_apply.sql**

Create a start\_apply.sql with below contents and save it as start\_apply.sql

================================================================================

set serveroutput on

set feedback off

accept vInstallation char prompt 'Which installation, LCTXN or MISC (for both just hit enter) ? '

accept vDbLink char prompt 'Which remote database (for all just hit enter) ? '

execute MaintainRSCStreams.start\_apply('&vInstallation','&vDbLink');

================================================================================

**Start\_propagation.sql**

Create a start\_propagation.sql with below contents and save it as start\_propagation.sql

================================================================================

set serveroutput on

set feedback off

accept vInstallation char prompt 'Which installation, LCTXN or MISC (for both just hit enter) ? '

accept vDbLink char prompt 'Which remote database (for all just hit enter) ? '

execute MaintainRSCStreams.start\_propagation('&vInstallation','&vDbLink');

================================================================================