Source –*http://appsdba.info*

Concurrent Program Tracing in R12

CASE 1 : Concurrent Program Tracing without bind variables

1) Follow the following navigation to enable logging for conc prog
Goto Sysadmin > Concurrent > Program > Define
Query the concurrent program
Check the trace box to enable trace
2) Execute the concurrent program and note down the request id

CASE 2: Concurrent Program Tracing with bind variables and waits

1) Note down the following values

```
SELECT value FROM v$parameter WHERE name = 'max_dump_file_size';
SELECT value FROM v$parameter WHERE name = 'timed_statistics';
```

2) Execute the following commands as sysdba

```
ALTER SYSTEM SET max_dump_file_size = unlimited;
ALTER SYSTEM SET timed_statistics = true;
ALTER SYSTEM SET EVENTS '10046 trace name context forever, level 12';
```

3) Execute the concurrent program and note down the request id
4) Turn off tracing the reset the values

```
ALTER SYSTEM SET EVENTS '10046 trace name context off';
ALTER SYSTEM SET max_dump_file_size = <value from step 1>;
ALTER SYSTEM SET timed_statistics = <value from step 1>;
```

Source –*http://appsdba.info*

CASE 3: Enabling the trace for a concurrent request for which you donot have privileges to run the concurrent Request.

1) Ask the person who is privileged to run the concurrent program and get the request id 'xxxxx'
2) Get the oracle_process_id for that concurrent request.

```
SQL>select request_id,oracle_process_id from fnd_concurrent_requests where
request_id in ('xxxxxxx');
```

3) Now get the session details (SID and Serial) using value obtained from step 2

```
col "SID/SERIAL" format a10
col username format a15
col osuser format a15
col program format a40
select s.sid || ',' || s.serial# "SID/SERIAL"
, s.username
, s.osuser
, s.status
, p.spid "OS PID"
, s.inst_id
, s.module
from sys.gv_$session s
, sys.gv_$process p
Where s.paddr = p.addr
and s.inst_id = p.inst_id
and p.spid=&value_from_step2
order by to_number(p.spid);
```

4) Execute the following command to enable the trace :

```
SQL> EXECUTE dbms_support.start_trace_in_session
(&SID,&SERIAL,binds=>true,waits=>true);
```

5) Collect the trace from udump location and investigate the issue.

We can follow the Metalink Note: 296559.1 to know more about tracing.