

1. How to find out sessions that are inactive?

```
select
    username,
    sid,
    serial#
from
    v$session
    where username is not null
    and
    status = 'INACTIVE'
    and
    username not in ('SYS','SYSTEM','SYSMAN','DBSNMP','OUTLN','OLAPSYS','MDSYS','ORDPLUGINS','XDB','DMSYS');
```

2. How to kill all inactive session?

```
DECLARE
    CURSOR c1 IS
        select username, sid, serial# from v$session where username is not null and status = 'INACTIVE' and username not in
('SYS','SYSTEM','SYSMAN','DBSNMP','OUTLN','OLAPSYS','MDSYS','ORDPLUGINS','XDB','DMSYS');
    kill_it c1%ROWTYPE;
BEGIN
    OPEN c1;
    LOOP
        FETCH c1 INTO kill_it;
        EXIT WHEN c1%NOTFOUND;
        BEGIN
            EXECUTE IMMEDIATE 'alter system kill session "'||
                kill_it.sid||', '||kill_it.serial#||'";'
        END;
    END LOOP;
    CLOSE c1;
END;
/
```

3. How many connections are connected to each instance group by machine?

```
set linesize 200
set pagesize 200
col machine format a50
select inst_id, machine, count(*) from gv$session group by inst_id, machine
order by 3;
```

4.

```
set linesize 200
set pagesize 200
col machine format a50
select inst_id, machine, status, count(*) from gv$session
group by inst_id, machine, status
order by 3, 4 desc;
```

5.

```
select username, UPPER(program), to_char(logon_time, 'DD-MON-YY HH24:MI:SS') as logon_time,
    floor(last_call_et / 60) "Minutes since active", status
from v$session
where username is not null
```

```
order by last_call_et;
```

6.

```
select
    s.sid,
    n.name,
    s.value
from
    v$sesstat s,
    v$statname n,
    v$session sess
where
    n.statistic# = s.statistic#
    and
    s.sid = sess.sid
    and
    sess.status = 'INACTIVE'
    and
    n.name like '%memory%'
    and
    n.name not like 'sorts (memory)'
order by s.sid;
```

7. How to find any inactive sessions who are using memory?

```
SET LINESIZE 100
COLUMN spid FORMAT A10
COLUMN username FORMAT A10
COLUMN program FORMAT A45
SELECT s.inst_id,
s.sid,
s.serial#,
s.status,
p.spid,
s.username,
s.program
FROM gv$session s
JOIN gv$process p ON p.addr = s.paddr AND p.inst_id = s.inst_id
WHERE s.type != 'BACKGROUND';
```

8. How to Find out the status of the session and process associated with the session?

```
SET LINESIZE 100
COLUMN spid FORMAT A10
COLUMN username FORMAT A10
COLUMN program FORMAT A45
SELECT s.inst_id,
s.sid,
```

```
s.serial#,  
s.status,  
p.spid,  
s.username,  
s.program  
FROM gv$session s  
JOIN gv$process p ON p.addr = s.paddr AND p.inst_id = s.inst_id  
WHERE s.type != 'BACKGROUND';
```

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