How to generate AWR report from Oracle Database?

1) Login to DB Server as oracle

2) export ORACLE_SID=PrimeDG

3) cd $ORACLE_HOME/rdbms/admin

4) sqlplus / as sysdba

5)   @awrrpt.sql
        (or)
        @?/admin/awrrpt.sql

Depending on what you like, following are some other awr reports related to RAC.

@?/rdbms/admin/awrrpt.sql	basic AWR report
@?/rdbms/admin/awrsqrpt.sql	Standard SQL statement Report
@?/rdbms/admin/awrddrpt.sql	Period diff on current instance
@?/rdbms/admin/awrrpti.sql	Workload Repository Report Instance (RAC)
@?/rdbms/admin/awrgrpt.sql	AWR Global Report (RAC)
@?/rdbms/admin/awrgdrpt.sql	AWR Global Diff Report (RAC)
@?/rdbms/admin/awrinfo.sql	Script to output general AWR information

6) Enter value for report_type: html
Note: Since, we want to open the file in nicely formatted way, we pick html format.

7) Enter value for num_days: 1
Note: you can go back upto 7 days.

```
Enter value for num_days: 1 ←

Listing the last day's Completed Snapshots

                                           Snap
Instance      DB Name      Snap Id    Snap Started      Level
------------  ------------  ---------  -----------------  -----
PrimeDG       PRIMEDG          4691 25 Feb 2013 00:00       1
                              4692 25 Feb 2013 01:00       1
                              4693 25 Feb 2013 02:00       1
                              4694 25 Feb 2013 03:00       1
                              4695 25 Feb 2013 04:00       1
                              4696 25 Feb 2013 05:00       1
                          →   4697 25 Feb 2013 06:00       1
                              4698 25 Feb 2013 07:00       1
                              4699 25 Feb 2013 08:00       1
                              4700 25 Feb 2013 09:00       1
                              4701 25 Feb 2013 10:00       1
                              4702 25 Feb 2013 11:00       1
                              4703 25 Feb 2013 12:00       1
                          →   4704 25 Feb 2013 13:00       1
                              4705 25 Feb 2013 14:00       1
                              4706 25 Feb 2013 15:00       1
                              4707 25 Feb 2013 16:00       1


Specify the Begin and End Snapshot Ids
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Enter value for begin_snap: 4697
Begin Snapshot Id specified: 4697 ←

Enter value for end_snap: 4704 ←
```

8) Enter value for begin_snap: 4697

9) Enter value for end_snap: 4704

10) Enter value for report_name: Moid_AWR_Report.html

To pull the report, use WinSCP and pull the html file to you laptop. If you do not have WinSCP, then you can download it for free. At the moment of writing this page, WinSCP 5.1.4 was the latest version and can be download from www.download.com or by by clicking here.

10) Start WinSCP and configure it connect to server 223 with "oracle" username. If you do not know how to WinSCP, see this document as an example.

11) Copy the file form UNIX (right side) to Windows (left side).

12) Double click the file to open the report in browser

Others:

Query to check the snapshot ID in last 24 hours.

```
set linesize 200
set pagesize 200
col Begin_interval_time format a30
col end_interval_time format a30
select
      snap_ID,
      Begin_interval_time,
      end_interval_time
from
      dba_hist_snapshot
```

```
where
    begin_interval_time > sysdate-1
order by
    Begin_interval_time;
```

```
   SNAP_ID BEGIN_INTERVAL_TIME                      END_INTERVAL_TIME
---------- ---------------------------------------- -----------------------------
      2487 18-JUN-15 02.00.36.770 AM                18-JUN-15 03.00.43.998 AM
      2488 18-JUN-15 03.00.43.998 AM                18-JUN-15 04.00.51.200 AM
      2489 18-JUN-15 04.00.51.200 AM                18-JUN-15 05.00.58.457 AM
      2477 17-JUN-15 04.00.24.371 PM                17-JUN-15 05.00.31.633 PM
      2478 17-JUN-15 05.00.31.633 PM                17-JUN-15 06.00.38.801 PM
      2479 17-JUN-15 06.00.38.801 PM                17-JUN-15 07.00.46.002 PM
      2480 17-JUN-15 07.00.46.002 PM                17-JUN-15 08.00.53.200 PM
      2481 17-JUN-15 08.00.53.200 PM                17-JUN-15 09.01.00.367 PM
      2486 18-JUN-15 01.00.29.547 AM                18-JUN-15 02.00.36.770 AM
      2491 18-JUN-15 06.00.05.546 AM                18-JUN-15 07.00.12.739 AM
      2492 18-JUN-15 07.00.12.739 AM                18-JUN-15 08.00.19.970 AM
      2493 18-JUN-15 08.00.19.970 AM                18-JUN-15 09.00.27.142 AM
      2494 18-JUN-15 09.00.27.142 AM                18-JUN-15 10.00.34.398 AM
      2497 18-JUN-15 12.00.48.654 PM                18-JUN-15 01.00.55.824 PM
      2498 18-JUN-15 01.00.55.824 PM                18-JUN-15 02.00.02.898 PM
      2499 18-JUN-15 02.00.02.898 PM                18-JUN-15 03.00.10.119 PM
      2483 17-JUN-15 10.00.07.756 PM                17-JUN-15 11.00.15.052 PM
      2484 17-JUN-15 11.00.15.052 PM                18-JUN-15 12.00.22.333 AM
      2485 18-JUN-15 12.00.22.333 AM                18-JUN-15 01.00.29.547 AM
      2495 18-JUN-15 10.00.34.398 AM                18-JUN-15 11.00.41.538 AM
      2496 18-JUN-15 11.00.41.538 AM                18-JUN-15 12.00.48.654 PM
      2482 17-JUN-15 09.01.00.367 PM                17-JUN-15 10.00.07.756 PM
      2490 18-JUN-15 05.00.58.457 AM                18-JUN-15 06.00.05.546 AM

23 rows selected.
```

--Moid Muhammad