# Database Health Check Data Collection

## Overview:

* Put all the tools in one base directory with ample space (at least 2GB)
* Execute the scripts
* Zip the base directory after running all the tools and send through Sharepoint, SFTP, Dropbox or Box

## Collection Steps:

1. **run\_awr (please run on PROD database)**

* Set of scripts used for Performance Tuning, Capacity Planning and Sizing, this tool captures more detail about the historical time series SQL performance and workload statistics.
* Download at <https://github.com/karlarao/run_awr-quickextract/archive/master.zip>

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| -- on the database server or desktop with SQL\*Plus and TNS connection  $ unzip run\_awr-quickextract-master.zip  $ cd run\_awr-quickextract-master    $ sqlplus / as sysdba  SQL> @run\_all.sql |

1. **EDB360 (please run on PROD database)**

* This tool gives the full configuration details of a database.
* Download at <https://github.com/carlos-sierra/edb360>
  + You can also use a modified version of edb360 <https://github.com/karlarao/edb360_express>

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| -- on the database server or desktop with SQL\*Plus and TNS connection  $ unzip edb360-master.zip  $ cd edb360-master    -- run the edb360 by section (NOTE the **space** between T and the sequence number)  -- you can also run two collections at a time, session1 (runs #1) and on another window session2 (runs #2)  $ sqlplus / as sysdba  SQL> @edb360.sql T 1  SQL> @edb360.sql T 2  SQL> @edb360.sql T 3  SQL> @edb360.sql T 4  SQL> @edb360.sql T 5  SQL> @edb360.sql T 6  SQL> @edb360.sql T 7 |

1. **orachk (execute just on one node of the database cluster)**

* This Oracle tool is documented and provided at My Oracle Support (MOS) under note number: 1268927.2
* It works for systems hosting 10g to 12c databases

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| Steps:   1. Download orachk\_version.zip from MOS: 1268927.2. 2. Copy to server (into any directory) where it will be executed, and unzip there. 3. Review readme.txt and execute orachk as “root” passing parameter “-a”. Do not confuse with raccheck. 4. Provide complete output (html and zip) to requestor (email or ftp).   Note: Execute orachk just once on a server hosting the database(s) to be analyzed. If database(s) are RAC and Oracle Clusterware is used, then execute this tool in only one node. |

1. **SAR files and CPU info (on each of the ORMB application and batch servers)**

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| Steps:   1. On each node copy the SAR files from /var/log/sa 2. Download the script <https://raw.githubusercontent.com/karlarao/run_awr-quickextract/master/utl/cpu_topology.sh> and run as root   # ./cpu\_topology > cpu\_$HOSTNAME.txt |