Working with the DB Dumps

To work with DB dumps you should use the special script `dump.sh` which can be typically found at **/opt/hydra/oracle/scripts/dump.sh**. It is necessary to access this script under the **oracle** user within an initialized environment. You can initialize environment for **oracle** user with *sudo* utility by using the following command:

```
sudo -u oracle -i
```

The script for DB dumps has the following starting options:

- **export** — for exporting the dump. The dump is exported to the dump directory specified in the DB (typically, `/var/oradata/dumps`).
- **drop** — for dropping of DB contents. Before dropping please make sure that the DB is not a production one.
- **import** — for importing dump into the DB. Before importing the dump it is necessary to drop its contents. The dump imports from the dump directory specified in the DB (typically, `/var/oradata/dumps`). After the import is completed, the production mode is disabled.

Additional parameters of the script:

- **-i** — the DB name
- **-o** — the scheme name
- **-p** — the *AIS_NET* user password
- **-f** — the dump (dump file) name
- **-s** — prevent displaying of DB drop warning

See below an example of using the script for dump transfer from DB *hydra* to *hydra2*:

1. Export dump from *hydra*:

    ```
    /opt/hydra/oracle/scripts/dump.sh -i hydra -p password -f hydra_dump export
    ```

2. Drop hydra*2*:

    ```
    /opt/hydra/oracle/scripts/dump.sh -i hydra2 -p password drop
    ```

3. Import dump at hydra*2*:

    ```
    /opt/hydra/oracle/scripts/dump.sh -i hydra2 -p password -f hydra_dump import
    ```

    During the import of the dump to a new DB there may be some errors of the following kind:

    ```
    Failing sql is:
    GRANT SELECT ON "AIS_NET"."SR_V_GOOD_SERVS" TO "NET_GOODS"
    ORA-39083: Object type OBJECT_GRANT failed to create with error:
    ORA-01917: user or role 'NET_GOODS' does not exist
    ```

    Such errors are not critical as the export script imports only the AIS_NET scheme. The missing roles are created within the DB with a separate script at the end of import procedure.

⚠️ The backup procedure with the *expdp* utility (the `dump.sh` script) is highly resource-intensive. It is recommend to backup DB at time with the lowest server load (typically, from 2 am till 4 am).

You can cancel the unfinished export/import process by `CTRL-C` and with `kill_job` command:

```
...
. . exported "AIS_NET"."SS_JOB_LOGS"                     635.2 MB 1550063 rows
. . exported "AIS_NET"."SD_PROCESSING_REQUESTS_T"        563.8 MB    7204 rows
. . exported "AIS_NET"."SD_MV_DOCUMENTS"                 479.7 MB 3247473 rows
^C
Export> kill_job
Are you sure you wish to stop this job ([yes]/no): yes
```