

02 - Setup Data Quality DB

1- Setup the Environment:

The Data Quality team needs their own database with the write access.

The below script creates a special allows to create a new role & setup the access to the users

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USE ROLE HRDP_PD_DOMAIN_ADMIN;

CREATE OR REPLACE ROLE HRDP_PD_DATAQUALITY_ADMIN;
GRANT ROLE HRDP_PD_DATAQUALITY_ADMIN TO ROLE HRDP_PD_DOMAIN_ADMIN;

USE ROLE SYSADMIN;
CREATE OR REPLACE WAREHOUSE HRDP_DATAQUALITY_WH WAREHOUSE_SIZE = 'X-SMALL', INITIALLY_SUSPENDED = TRUE;
ALTER USER "FREDERIC.WOJNAROWSKI@LOREAL.COM"
SET     DEFAULT_WAREHOUSE = HRDP_DATAQUALITY_WH;

ALTER USER "LAURENT.REICH@LOREAL.COM"
SET DEFAULT_WAREHOUSE = HRDP_DATAQUALITY_WH;

ALTER USER "SIMON.PECHINOT@LOREAL.COM"
SET  DEFAULT_WAREHOUSE = HRDP_DATAQUALITY_WH;

USE ROLE HRDP_PD_DOMAIN_ADMIN;

CREATE OR REPLACE DATABASE HRDP_DATAQUALITY_PD_DB;

GRANT OWNERSHIP ON DATABASE HRDP_DATAQUALITY_PD_DB TO ROLE HRDP_PD_DATAQUALITY_ADMIN;
GRANT ROLE HRDP_PD_DATAQUALITY_ADMIN TO USER "LAURENT.REICH@LOREAL.COM";
GRANT ROLE HRDP_PD_DATAQUALITY_ADMIN TO USER "FREDERIC.WOJNAROWSKI@LOREAL.COM";
GRANT ROLE HRDP_PD_DATAQUALITY_ADMIN TO USER "SIMON.PECHINOT@LOREAL.COM";
GRANT USAGE ON WAREHOUSE HRDP_DATAQUALITY_WH TO ROLE HRDP_PD_DATAQUALITY_ADMIN;

grant usage on database HRDP_CORE_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on all schemas in database HRDP_CORE_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on future schemas in database HRDP_CORE_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future tables in database HRDP_CORE_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all tables in database HRDP_CORE_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future views in database HRDP_CORE_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all views in database HRDP_CORE_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;

grant usage on database HRDP_STG_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on all schemas in database HRDP_STG_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on future schemas in database HRDP_STG_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future tables in database HRDP_STG_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all tables in database HRDP_STG_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future views in database HRDP_STG_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all views in database HRDP_STG_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;

grant usage on database HRDP_LND_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on all schemas in database HRDP_LND_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on future schemas in database HRDP_LND_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future tables in database HRDP_LND_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all tables in database HRDP_LND_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future views in database HRDP_LND_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all views in database HRDP_LND_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;

grant usage on database HRDP_PUB_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on all schemas in database HRDP_PUB_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on future schemas in database HRDP_PUB_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future tables in database HRDP_PUB_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all tables in database HRDP_PUB_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future views in database HRDP_PUB_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all views in database HRDP_PUB_PD_DB to role HRDP_PD_DATAQUALITY_ADMIN;
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grant usage on database HRDP_CORE_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on all schemas in database HRDP_CORE_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on future schemas in database HRDP_CORE_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future tables in database HRDP_CORE_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all tables in database HRDP_CORE_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future views in database HRDP_CORE_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all views in database HRDP_CORE_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;

grant usage on database HRDP_STG_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on all schemas in database HRDP_STG_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on future schemas in database HRDP_STG_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all tables in database HRDP_STG_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future tables in database HRDP_STG_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all views in database HRDP_STG_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future views in database HRDP_STG_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;

grant usage on database HRDP_LND_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on all schemas in database HRDP_LND_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on future schemas in database HRDP_LND_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all tables in database HRDP_LND_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future tables in database HRDP_LND_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all views in database HRDP_LND_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future views in database HRDP_LND_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;

grant usage on database HRDP_PUB_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on all schemas in database HRDP_PUB_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant usage on future schemas in database HRDP_PUB_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all tables in database HRDP_PUB_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future tables in database HRDP_PUB_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on all views in database HRDP_PUB_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;
grant select on future views in database HRDP_PUB_NP_DB to role HRDP_PD_DATAQUALITY_ADMIN;

GRANT EXECUTE TASK ON ACCOUNT TO ROLE HRDP_PD_DATAQUALITY_ADMIN;

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2- Add Users

In order to add new access for a user to the DATAQUALITY DB

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ALTER USER "XXXXX@LOREAL.COM" SET DEFAULT_WAREHOUSE = HRDP_DATAQUALITY_WH;
GRANT ROLE HRDP_PD_DATAQUALITY_ADMIN TO USER "XXXX@LOREAL.COM";

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