

How to use RLS, Masking Policies

How to:

1. Impersonate

It is one stored procedure that needs to be executed to impersonate a user who has a snowflake account.

The Stored procedures called is : **impersonate_sp** and it takes 2 arguments:

- **FROM :** To User UPN to whom you want to copy access of From User
- **TO :** To User UPN to whom you want to copy access of From User

If impersonate is successfully completed, the message returned is as follows:

Success: Impersonate of "UPN_FROM@LOREAL.COM" to "UPN_TO@LOREAL.COM" is completed.

Example :

L'UPN **ABDERAOUF.MOUSSAOUI@LOREAL.COM** wants to impersonate the user **NAN.MOHABIR@LOREAL.COM**

impersonate_sp

```
use database hrdp_core_pd_db;

use role HRDP_SECURITY_REPLICATION;

CALL cmn_core_sch.impersonate_sp('NAN.MOHABIR@LOREAL.COM', 'ABDERAOUF.MOUSSAOUI@LOREAL.COM');
```

The result of executing this code is as follows:

	IMPERSONATE_SP
1	Success: Impersonate of NAN.MOHABIR@LOREAL.COM to ABDERAOUF.MOUSSAOUI@LOREAL.COM is completed.

The following table contains information on the last action performed:

param_table

```
use database hrdp_core_pd_db;

select * from cmn_core_sch.dim_param_security_replication;
```

2. Disable Impersonation

To disable impersonation, you need to run the same stored procedure, by setting the user's UPN in both parameters (From & To) :

Example :

Disable impersonate

```
use database hrdp_core_pd_db;  
  
use role HRDP_SECURITY_REPLICATION;  
  
CALL cmn_core_sch.impersonate_sp('ABDERAOUF.MOUSSAOUI@LOREAL.COM', 'ABDERAOUF.MOUSSAOUI@LOREAL.COM');
```

On the following page, we will detail the RLS & Data Masking logic we used: