



TARGET Instant Payment Settlement

Reference Data Guide

R2023.NOV

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1. Introduction

This brief guide is intended as an additional aid for the CRDM GUI user starting to configure the data under their responsibility, but its purpose is not, in any way, to substitute for the CRDM UHB, where you will find all the needed information to use the GUI screens (e.g. needed privileges, types of users, business rules, etc.).

The document is divided into two main parts: the first is devoted to the reference data under the responsibility of the Central Bank; the second details the reference data that can be created directly by the TIPS Participants or Ancillary Systems. Please consider that all the data maintained by TIPS Participants or Ancillary Systems can be maintained by the relevant Central Bank.

In order to be able to instruct successfully in TIPS **all the reference data has to be configured correctly**, unless the relevant object is explicitly mentioned as optional.

In summary, the following actions have to be performed by a Central Bank:

1. Create a **Party**
2. Add the **Technical Address Network Service Links**
3. Create a **Party Service Link** to define the Party as a TIPS participant, Reachable party or Ancillary System
4. Create a new **Administrator User** for the TIPS Actor¹
5. Create the **Certificate DN** for the TIPS Actor user
6. Create the **User-Certificate DN link** for the Administrator user
7. Create **Predefined Roles** for Administrator Users and TIPS Actors
8. Grant the Administrator User with the “Administer Party” role
9. Create a non-administrator User for the Central Bank (only if additional CB users are needed)
10. Grant the CB non-administrator user with the relevant roles (only if additional CB users are needed)
11. Create the **Certificate DN** for the CB non-administrator user (only if additional CB users are needed))
12. Create the **User-Certificate DN link** for the CB non-administrator user (only if additional CB users are needed)
13. Create a **Cash Account** owned by a TIPS participant or Ancillary System
14. Define an **Authorised Account User** for the cash account (this step can also be performed by the Payment Bank or Ancillary System)
15. Define a **DN-BIC routing** configuration (this step can also be performed by the Payment Bank or Ancillary System)
16. Define a **Billing** configuration

While the following steps can be performed by a Payment Bank:

1. Grant the Administrator user with the relevant roles
2. Create a non-administrator User

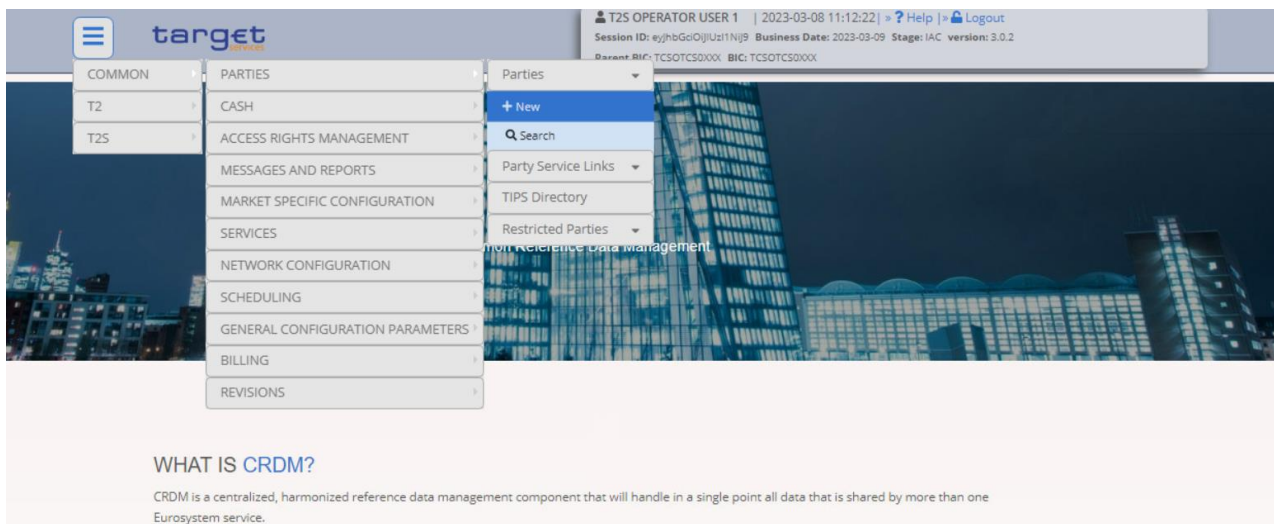
¹ A TIPS Actor can be of type Central Bank, TIPS Participant, Reachable Party and Ancillary System.

3. Create the **Certificate DN** for the non-administrator user
4. Create the **User-Certificate DN link** for the non-administrator user
5. Grant the non-administrator user with the relevant roles
6. Define an **Authorised Account User** for the Cash Account
7. Define a **DN-BIC routing** configuration
8. Define a **CMB** on Cash Account (optional)
9. Define a **Limit** on the CMB (mandatory only if the CMB has been created)
10. Define the Reachable Party as Authorised Account User for the CMB (mandatory only if the CMB has been created)
11. Define a **Report Configuration** for the TIPS Participant or Ancillary System (optional)
12. Define a **Message Subscription Rule Set** for the TIPS Participant or Ancillary System (optional)
13. Define a **Routing** configuration for the TIPS Participant or Ancillary System (optional)

1.1 Reference Data under Central Bank responsibility

1.1.1 Create Party²

- Go to the Common / Parties / Parties / New path and click on the **New** option. As an alternative path, go to the Common / Parties / Parties / Search screen and click on the **New** button. Then insert the requested data as shown in the screenshot below.
- Please note that you have to insert all the *Party Technical Addresses* that will be used by the created party for A2A communication.



² In case the Party already exists it is possible to Edit it directly and add the needed TANSL configuration.

PARTY NEW

System Entity:

Parent BIC:

Party Type:

Opening Date:

LEI:

Closing Date:

-
- Submit
- Reset
- Cancel

Codes

BIC:

Max number of operation allowed reached

Valid From	BIC	Status
2023-03-07	PBBKSKMM016	Active

Total rows: 1

Names

Long Name: Short Name:

Max number of operation allowed reached

Valid From	Long Name	Short Name
2023-03-07	Payment Bank PBBKSKMM016	PBBK SK 016

Total rows: 1

Addresses

Street: House Number:

Postal Code: City:

State or Province: Country Code:

Max number of operation allowed reached

Valid From	Street	House Number	Postal Code	City	Country Code
2023-03-07	Main Street	10	10100	Bratislava	SK

Total rows: 1

Technical Addresses

Technical Address:

Technical Address
dn-originator-pbbk16sk

Total rows: 1

Restrictions

Restriction Type:

Valid From:

Valid To:

Restriction Type	Valid From	Valid To
No Rows To Show		

- Party NCBXSKMMXXX/PBBKSKMM016 has been successfully created.

target T25 OPERATOR USER 1 | 2023-03-08 09:41:44 | [Help](#) | [Logout](#)
 Session ID: ej/hbGc/OjUz11Nj9 Business Date: 2023-03-07 Stage: IAC version: 3.0.2
 Parent BIC: TCSOTCS0XXX BIC: TCSOTCS0XXX

Request completed!
 Your request with id <950000000000780270> has been successfully submitted!

PARTY NEW

System Entity:

Parent BIC:

Party Type:

Opening Date: Closing Date:

LEI:

Codes

BIC:

Max number of operation allowed reached

Valid From	BIC	Status
2023-03-07	PBBKSKMM016	Active

Total rows: 1

- Search the newly created party and then click on the **Edit** button.

target

T2S OPERATOR USER 1 | 2023-03-08 09:43:56 | Help | Logout
 Session ID: eYjhbGc0JlUz1Nj9 Business Date: 2023-03-07 Stage: IAC version: 3.0.2
 Parent BIC: TCSOTCS000X BIC: TCSOTCS000X

Common Parties Parties Search Details

PARTY DETAILS

Status: Active

System Entity: N95K Parent BIC: NCBXSKMM000X

Opening Date: 2023-03-08 Closing Date: 9999-12-31

Party Type: Payment Bank LEI: 1234567899PBBKSKMM16

Party Code

Valid From	BIC	Status
2023-03-07	PBBKSKMM016	Active

Total rows: 1

Party Name

Valid From	Long Name	Short Name
2023-03-07	Payment Bank PBBKSKMM016	PBBK SK 016

Total rows: 1

Party Address

Valid From	Street	House Number	Postal Code	City	State or Province	Country Code
2023-03-07	Main Street	10	10100	Bratislava	SK	SK

Edit
 Delete
 Restore
 Revisions
 Securities Accounts
 Cash Accounts
 Technical Address Network Services Links

- Click on the **Technical Address Network Service Links** button and choose the Technical Address and the Network Service from the drop down menu. Then click on the **Submit row** button.

target

T2S OPERATOR USER 1 | 2023-03-08 09:44:53 | Help | Logout
 Session ID: eYjhbGc0JlUz1Nj9 Business Date: 2023-03-07 Stage: IAC version: 3.0.2
 Parent BIC: TCSOTCS000X BIC: TCSOTCS000X

Common Parties Parties Search Details Edit

PARTY UPDATE

Parent BIC: NCBXSKMM000X

Party Type: Payment Bank

Opening Date: 2023-03-08 Closing Date: 9999-12-31

LEI: 1234567899PBBKSKMM16

Codes

BIC: Valid From: 2023-03-07

Valid From	BIC	Status
2023-03-07	PBBKSKMM016	Active

Total rows: 1

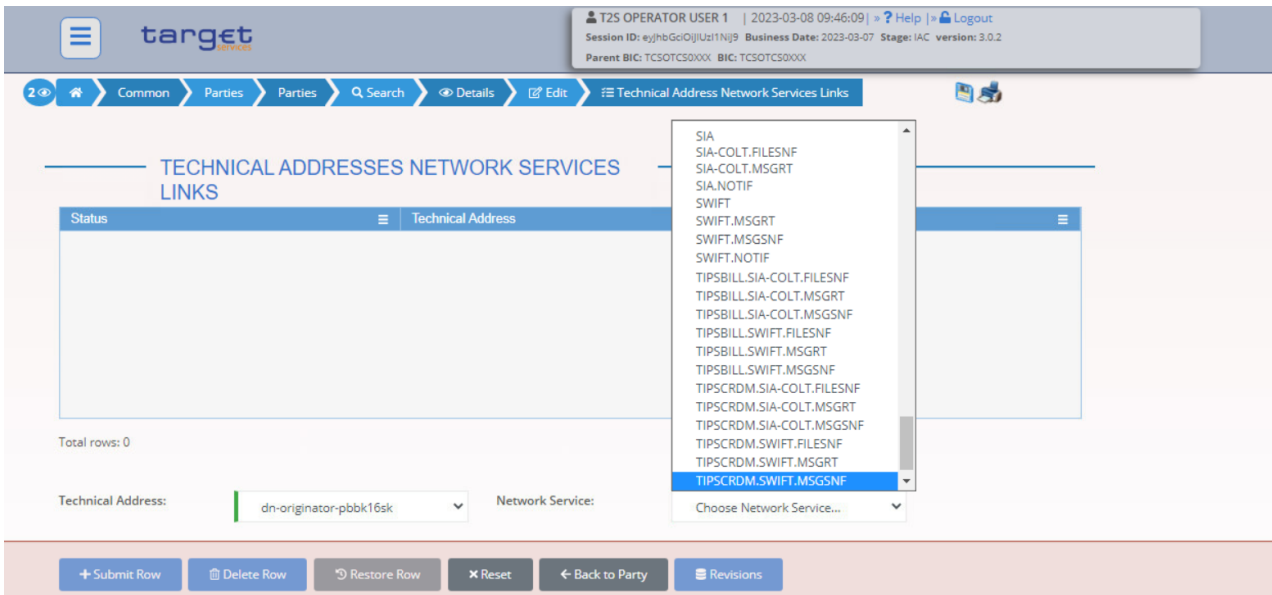
Names

Long Name: Short Name:

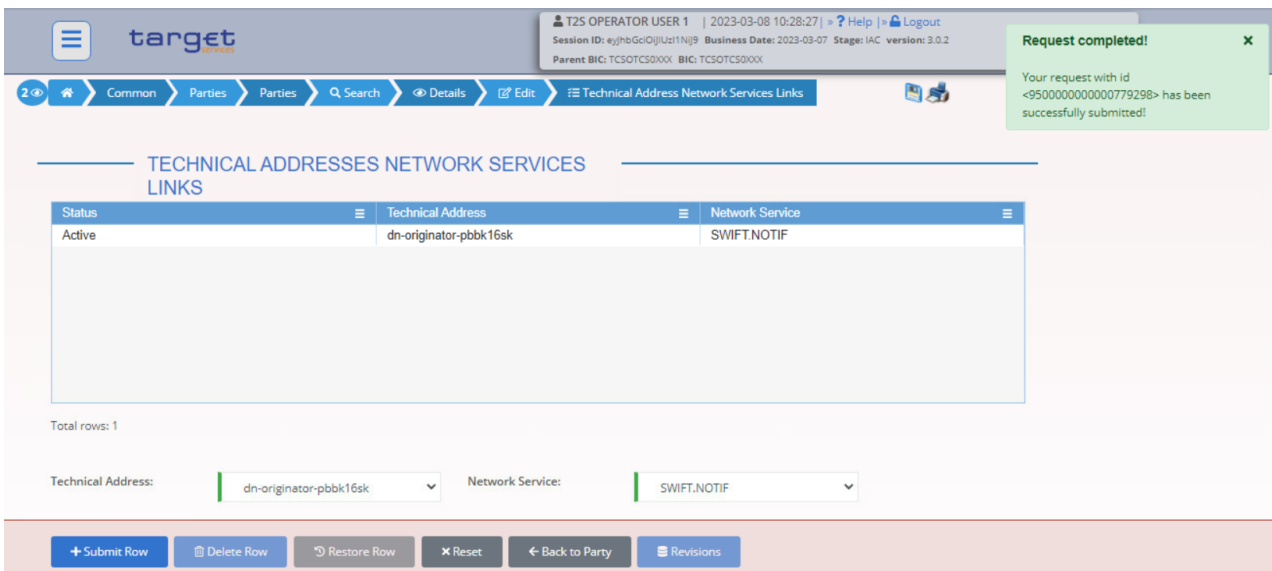
Valid From: 2023-03-07

Valid From	Long Name	Short Name
2023-03-07	Payment Bank PBBKSKMM016	PBBK SK 016

Submit
 Reset
 Cancel
 Technical Address Network Services Links



- The first TANSL has been successfully created.
- **Please note that if the Network Service used by that Party is SWIFT or SIA, the correct technical Network Service name to select for the configuration of reports and notifications will be "SWIFT.NOTIF" or "SIA.NOTIF" respectively.**
- **A Party cannot have more than one TANSL to a "*.NOTIF" Network Service**
- If the "*.NOTIF" Network Service is used also for sending Instant Payments and Liquidity Transfers no other Network Service is needed.



- The two TANSL are now in place.

target

T2S OPERATOR USER 1 | 2023-03-08 11:06:56 | Help | Logout
 Session ID: eyJhbGciOiJIUzI1NiJ9 Business Date: 2023-03-09 Stage: IAC version: 3.0.2
 Parent BIC: TCSOTCS0XXX BIC: TCSOTCS0XXX

Request completed! X
 Your request with id <950000000000779304> has been successfully submitted!

Common Parties Parties Search Details Edit Technical Address Network Services Links

TECHNICAL ADDRESSES NETWORK SERVICES LINKS

Status	Technical Address	Network Service
Active	dn-originator-pbbk16sk	SWIFT NOTIF
Active	dn-originator-pbbk16sk	SWIFT

Total rows: 2

Technical Address: dn-originator-pbbk16sk Network Service: SWIFT

+ Submit Row Delete Row Restore Row Reset Back to Party Revisions

1.1.2 Define the Party as a TIPS Participant, Reachable party or Ancillary System

For TIPS Participant:

- Go to the Common / Parties / Party Service Links / New path and click on the **New** option. As an alternative path, go to the Common / Parties / Party Service Links / Search screen and click on the **New** button. Then create the Party Service link for party NCBXSKMMXXX/PBBKSKMM016. Please note that the *Valid from* of the link cannot be earlier than the *Valid from* of the relating party. Similarly, the *Valid to* cannot be later than the *Valid to* of the corresponding party.

target

T2S OPERATOR USER 1 | 2023-03-08 11:25:37 | Help | Logout
 Session ID: eyJhbGciOiJIUzI1NiJ9 Business Date: 2023-03-09 Stage: IAC version: 3.0.2
 Parent BIC: TCSOTCS0XXX BIC: TCSOTCS0XXX

COMMON PARTIES Parties Party Service Links + New Search TIPS Directory Restricted Parties Non Reference Data Management

ACCESS RIGHTS MANAGEMENT MESSAGES AND REPORTS MARKET SPECIFIC CONFIGURATION SERVICES NETWORK CONFIGURATION SCHEDULING GENERAL CONFIGURATION PARAMETERS BILLING REVISIONS

WHAT IS CRDM?

CRDM is a centralized, harmonized reference data management component that will handle in a single point all data that is shared by more than one Eurosystem service.

target T25 OPERATOR USER 1 | 2023-03-08 11:31:01 | ? Help | Logout
 Session ID: eyJhbGciOiJIUzI1Ni99 Business Date: 2023-03-09 Stage: IAC version: 3.0.2
 Parent BIC: TCSOTCS0XXX BIC: TCSOTCS0XXX

Common Parties Party Service Links + New

PARTY SERVICE LINK NEW

Parent BIC: NCBXSKMMXXX Party BIC: PBBKSKMM016 Q Party

Service: TIPS SERVICE Party Type for service: TIPS Participant

Valid From: 2023-03-09 Valid To: yyyy-mm-dd

Submit Reset Cancel

- The Party service link has been created.

target T25 OPERATOR USER 1 | 2023-03-08 11:33:29 | ? Help | Logout
 Session ID: eyJhbGciOiJIUzI1Ni99 Business Date: 2023-03-09 Stage: IAC version: 3.0.2
 Parent BIC: TCSOTCS0XXX BIC: TCSOTCS0XXX

Common Parties Party Service Links + New

Request completed!

Your request with id <950000000000779316> has been successfully submitted!

PARTY SERVICE LINK NEW

Parent BIC: NCBXSKMMXXX Party BIC: PBBKSKMM016 Q Party

Service: TIPS SERVICE Party Type for service: TIPS Participant

Valid From: 2023-03-09 Valid To: yyyy-mm-dd

Submit Reset Cancel

For Reachable Parties:

- Party NCBXSKMMXXX/PBBKSKMM017 has been created

target T25 OPERATOR USER 1 | 2023-03-08 11:40:22 | ? Help | Logout
 Session ID: eyJhbGciOiJIUzI1Ni99 Business Date: 2023-03-09 Stage: IAC version: 3.0.2
 Parent BIC: TCSOTCS0XXX BIC: TCSOTCS0XXX

Common Parties Parties Search + New

Request completed!

Your request with id <950000000000779321> has been successfully submitted!

PARTY NEW

System Entity: N9SK

Parent BIC: NCBXSKMMXXX

Party Type: Payment Bank

Opening Date: 2023-03-09 Closing Date: yyyy-mm-dd

LEI: 1234567899PBBKSKMM17

Submit Reset Cancel

Codes

BIC:

Max number of operation allowed reached

x +

Valid From	BIC	Status
2023-03-09	PBBKSKMM017	Active

Total rows: 1

- Go to the Common / Parties / Party Service Links / New path and click on the **New** option. As an alternative path, go to the Common / Parties / Party Service Links / Search screen and click on the **New** button. Insert the data as shown in the screenshot below (Party type is TIPS Reachable Party) and click on the **Submit** button.

- The Party service Links has been created. NCBXSMMXXX/PBBKSKMM017 has been established as a Reachable Party, **therefore it cannot hold TIPS Accounts.**

For Ancillary System Parties:

- Party NCBXSMMXXX/ANSYSKMM004 has been created

target services

T2S OPERATOR USER 1 | 2023-03-08 12:11:54 | Help | Logout
 Session ID: eyJhbGciOiJIUzI1NiJ9 | Business Date: 2023-03-09 | Stage: IAC | version: 3.0.2
 Parent BIC: TCSOTCS0XXX | BIC: TCSOTCS0XXX

Request completed! X
 Your request with id <95000000000779342> has been successfully submitted!

PARTY NEW

System Entity: N9SK
 Parent BIC: NCBXSMMMXX
 Party Type: Ancillary System
 Opening Date: 2023-03-09 | Closing Date: yyyy-mm-dd
 LEI:

Codes

BIC: [Empty field]
 Max number of operation allowed reached

Valid From	BIC	Status
2023-03-09	ANSYSKMM004	Active

Total rows: 1

Submit, Reset, Cancel buttons

- Go to the Common / Parties / Party Service Links / New path and click on the **New** option. As an alternative path, go to the Common / Parties / Party Service Links / Search screen and click on the **New** button. Insert the data as shown in the screenshot below (Party type is TIPS Ancillary System) and click on the **Submit** button.

target services

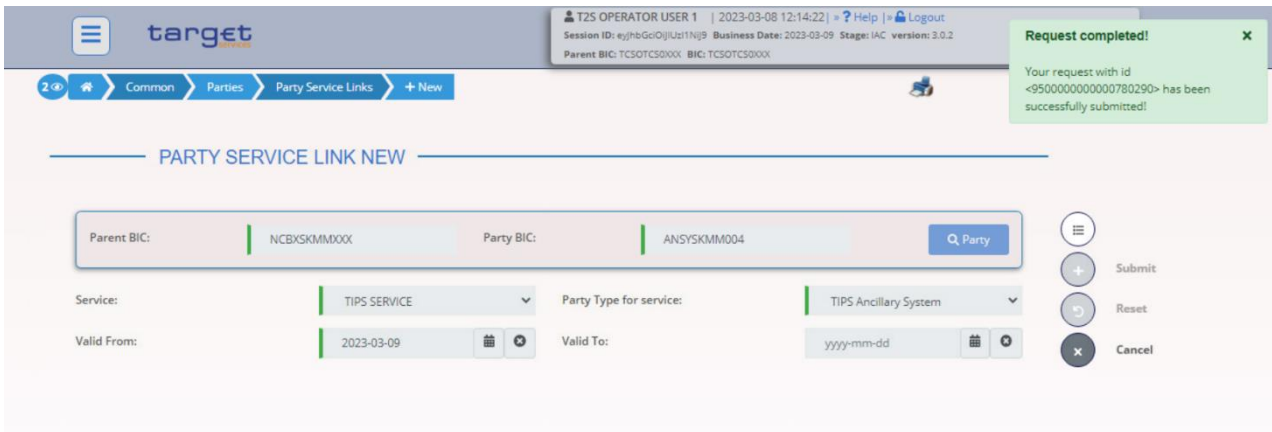
T2S OPERATOR USER 1 | 2023-03-08 12:13:00 | Help | Logout
 Session ID: eyJhbGciOiJIUzI1NiJ9 | Business Date: 2023-03-09 | Stage: IAC | version: 3.0.2
 Parent BIC: TCSOTCS0XXX | BIC: TCSOTCS0XXX

PARTY SERVICE LINK NEW

Parent BIC: NCBXSMMMXX | Party BIC: ANSYSKMM004 | Q Party
 Service: TIPS SERVICE | Party Type for service: TIPS Ancillary System
 Valid From: 2023-03-09 | Valid To: yyyy-mm-dd

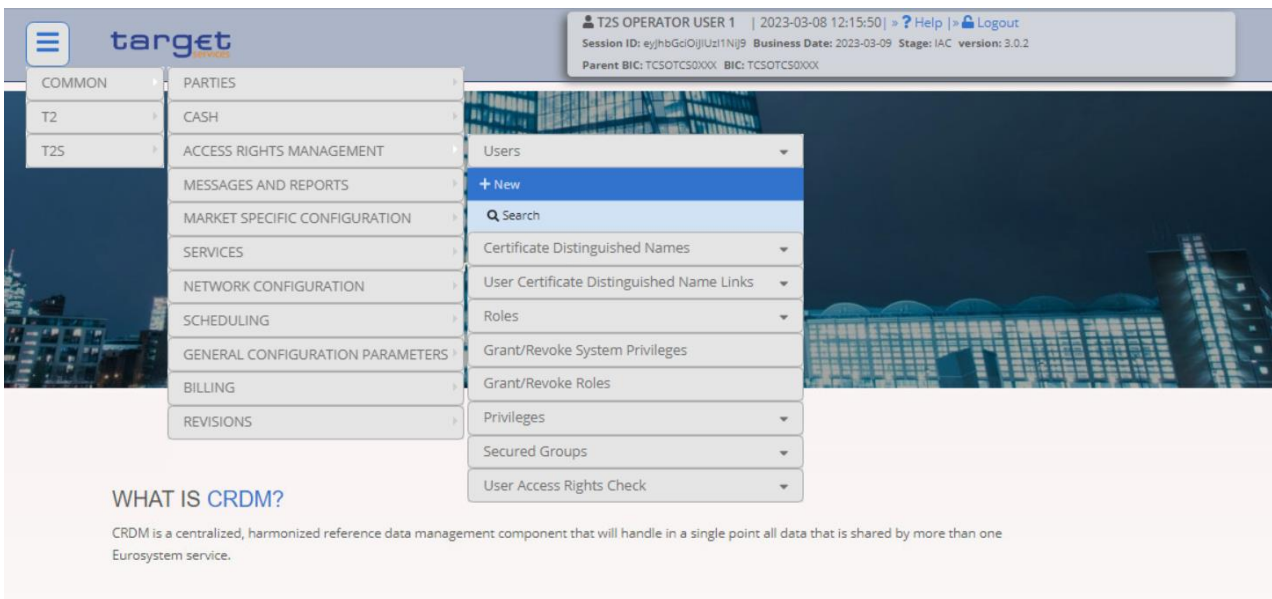
Submit, Reset, Cancel buttons

- The Party service Links has been created. NCBXSMMMXXX/ANSYSKMM004 has been established as an Ancillary System, **therefore it can only hold TIPS Ancillary System Technical Account (ASTA).**



1.1.3 Create an Administrator user for the TIPS Actor

- Go to the Common / Access Rights Management / Users / New path and click on the **New** option. As an alternative path, go to the Common / Access Rights Management / Users / Search screen and click on the **New** button.



- Then insert the data as shown in the screenshot below.

- The User has been created

1.1.4 Create a new Certificate Distinguished Name

- Go to the Common / Access Rights Management / Certificate Distinguished Names / New path and click on the **New** option. As an alternative path, go to the Common / Access Rights Management / Certificate Distinguished Names / Search screen and click on the **New** button.

- Insert the Certificate Distinguished Name data and click on the **Submit** button.

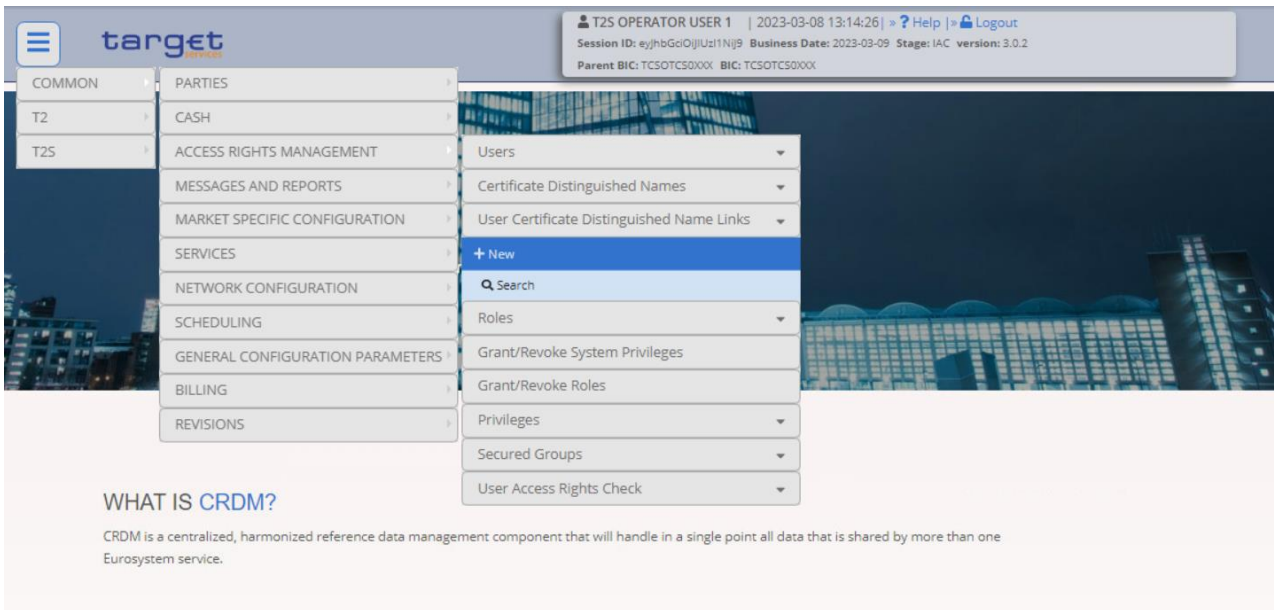
The screenshot shows the 'Certificate Distinguished Name NEW' form in the Target Access Rights Management system. The breadcrumb navigation is 'Common > Access Rights Management > Certificate Distinguished Names > + New'. The user is logged in as 'T25 OPERATOR USER 1' on 2023-03-08 at 13:12:43. The 'Certificate Distinguished Name' field is populated with 'CN=u2a-user16, OU=test, OU=tips, O=trgpxetg, O=swift'. To the right of the form are three buttons: 'Submit' (green with a plus sign), 'Reset' (blue with a circular arrow), and 'Cancel' (grey with an X).

- The Certificate Distinguished Name has been created

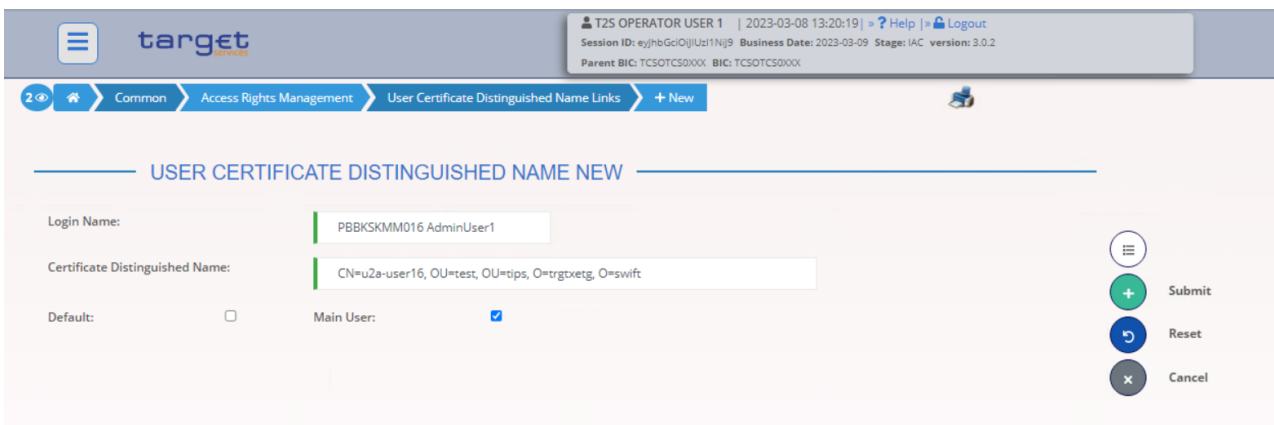
This screenshot is similar to the previous one but includes a green notification box in the top right corner that says 'Request completed!' with a close button (X). The notification text reads: 'Your request with id <950000000000779356> has been successfully submitted!'. The form content remains the same, showing the 'Certificate Distinguished Name' field with the same text and the 'Submit', 'Reset', and 'Cancel' buttons.

1.1.5 Create a User-Certificate Distinguished Name Link for the new User

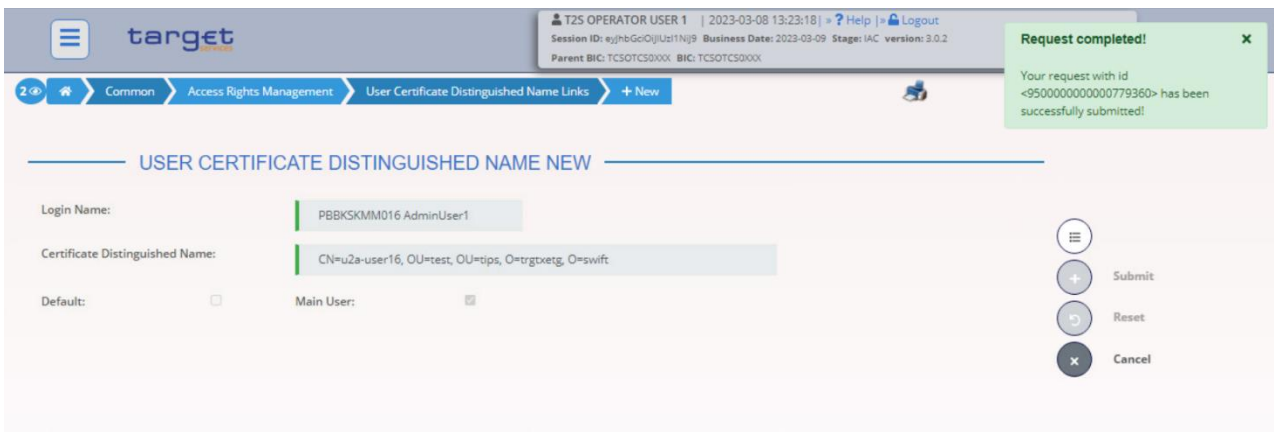
- Go to the Common / Access Rights Management / User Certificate Distinguished Name Links / New path and click on the **New** option. As an alternative path, go to the Common / Access Rights Management / User Certificate Distinguished Name Links / Search screen and click on the **New** button.



- Then insert the Login name of the User and the Certificate Distinguished Name you have created, then click on the **Submit** button³.
- **If the DN is not configured with Main User flag ticked to yes, the user won't be able to see TIPS GUI menu**



- The link between the User and the Certificate Distinguished Name has been created



³ DNs can be linked, via User-Certificate DN Links with Main User flag set to TRUE, to multiple Users. These Users can belong to different Payment Bank parties, but there can be only one User for each Payment Bank that is the Main User for a specific DN.

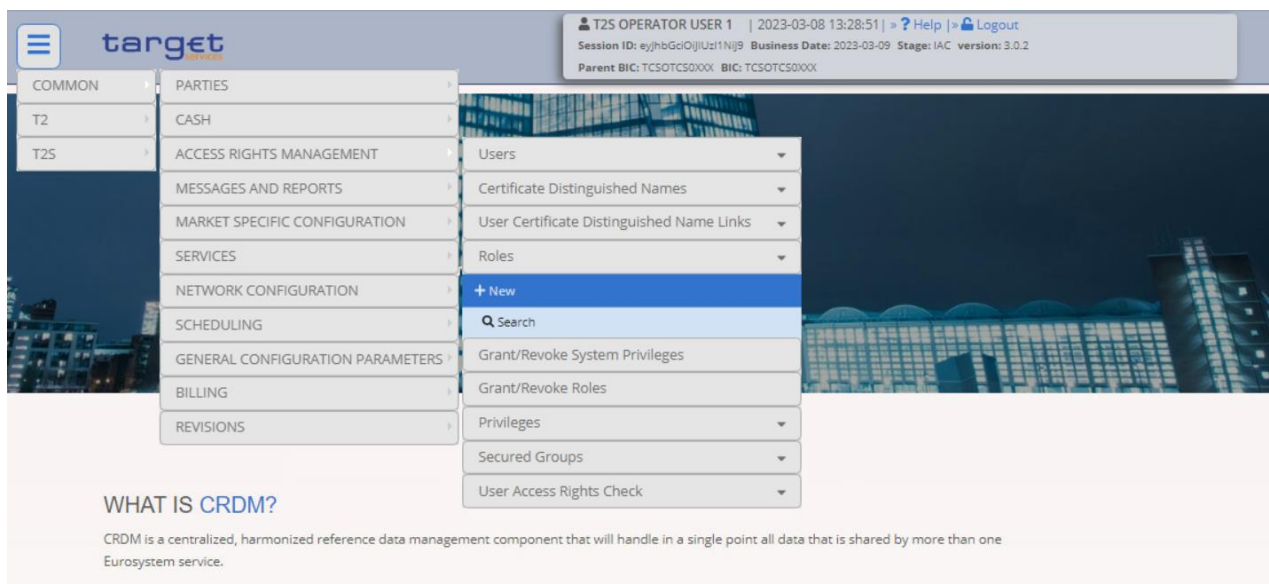
1.1.6 Create Roles for the TIPS Actor

The TIPS Operator has already granted to the Central Bank Party all the needed privileges through the agreed predefined roles for CBs (see Annex I).

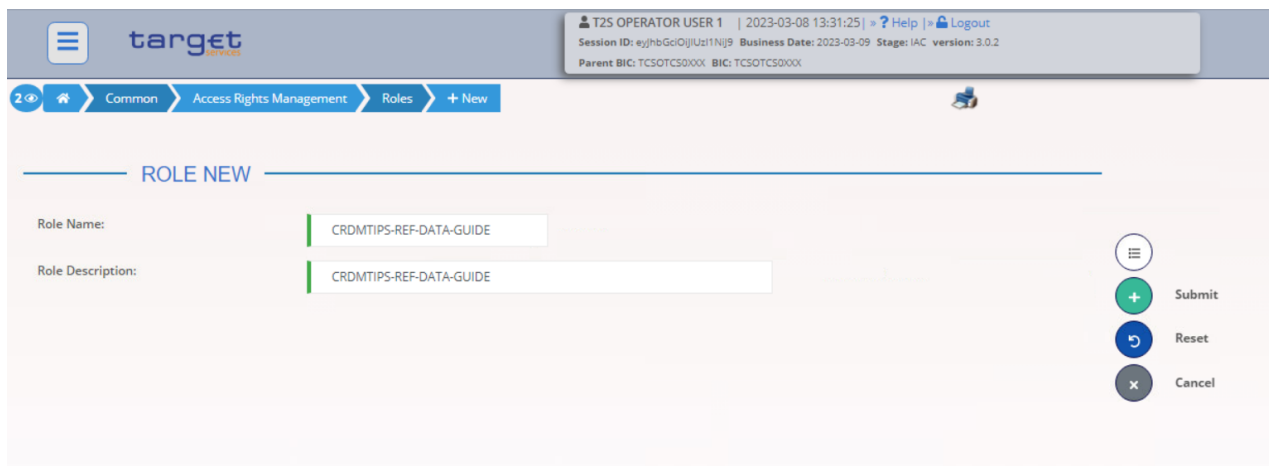
The Central bank must create the TIPS roles as laid out in the List of Roles and Privileges for CBs and Account holders. Central Banks should not grant single privileges to any users but rather always create and grant the MTRSG-defined TIPS roles.

To create the predefined roles for a TIPS Actor execute the following steps:

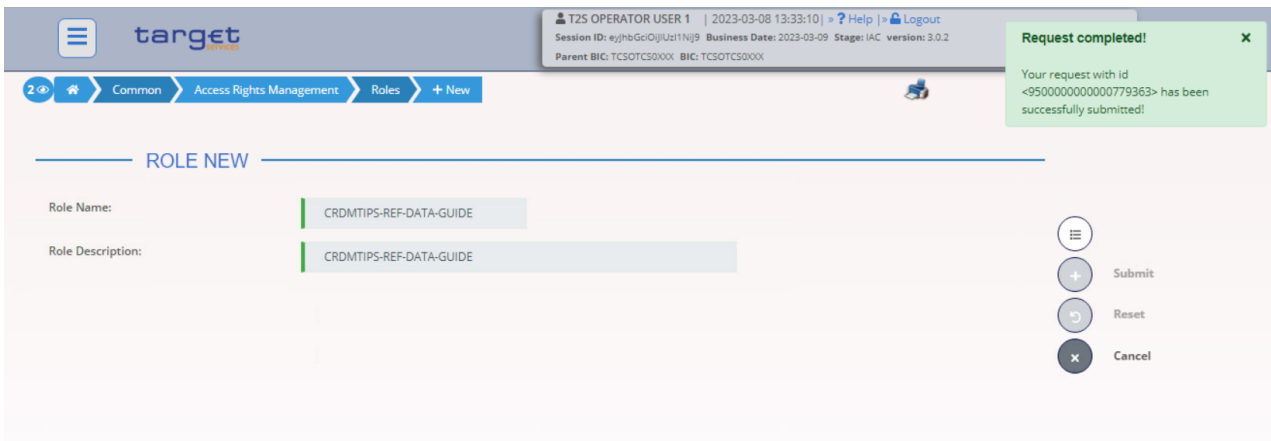
- go to the Common / Access Rights Management / Roles / New screen and click on the **New** option. As an alternative path, go to the Common / Access Rights Management / Roles / Search screen and click on the **New** button.



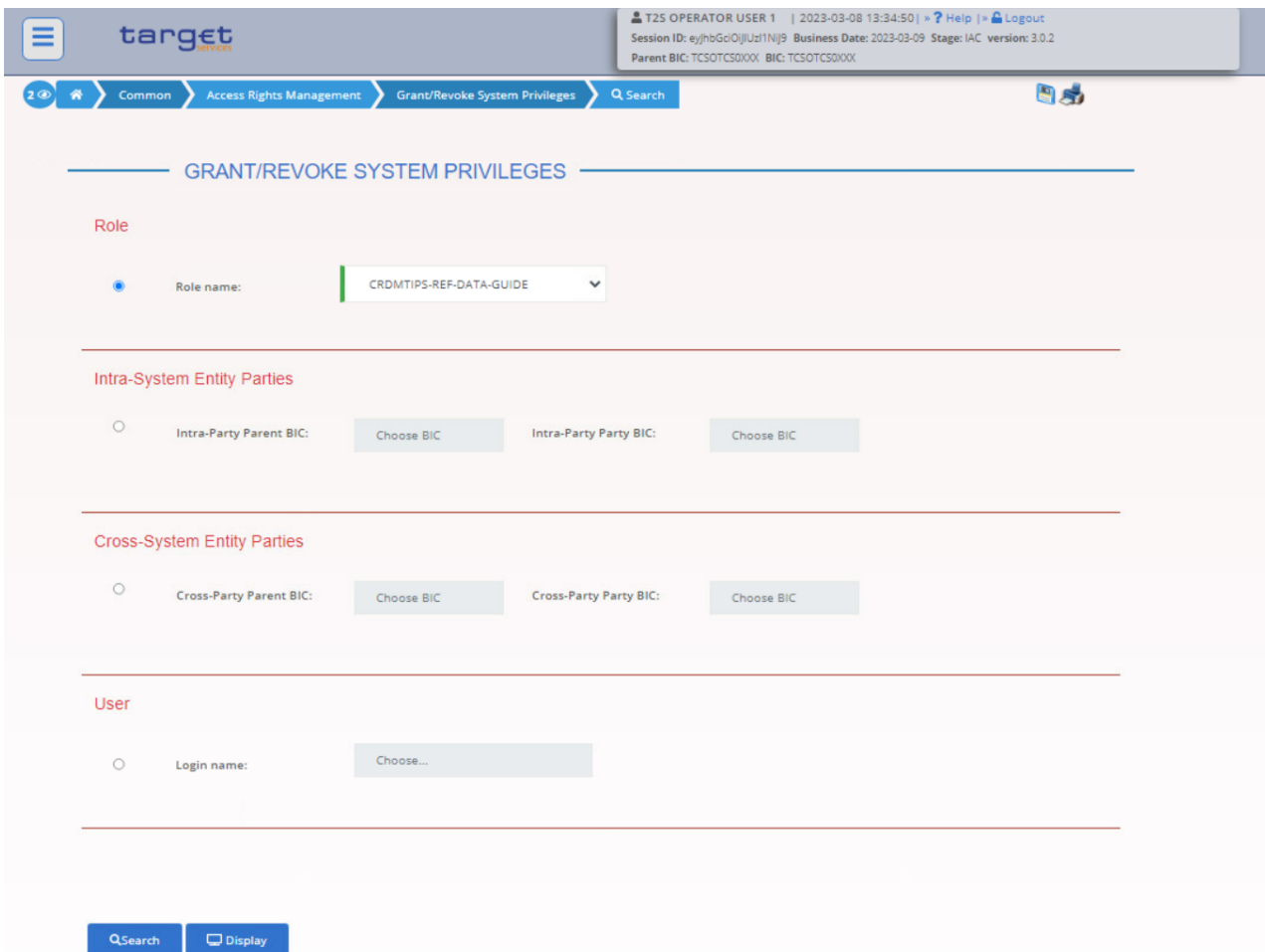
- Assign a Name and a Description to the Role and click on the **Submit** button



- The Role CRDMTIPS-REF-DATA-GUIDE⁴ has been successfully created



- Go to the Common / Access Rights Management / Grant/Revoke System Privileges / Search screen, select the *Role name* radio button, choose the newly created role from the drop down menu and click on the **Search** button



- Select from the left part of the screen the Privileges you want to grant to the role and decide whether to grant them in Administrator mode, 4-eyes mode or to Deny them, then click on the **Submit** button. The privileges will be granted.

⁴ This is just a fake role name to show as an example

target

T2S OPERATOR USER 1 | 2023-03-08 13:48:23 | Help | Logout
Session ID: eujhGcQjUzflNj9 Business Date: 2023-03-09 Stage: IAC version: 3.0.2
Parent BIC: TCSOTCS000X BIC: TCSOTCS000X

Common Access Rights Management Grant/Revoke System Privileges Search + New

Additional Data

Deny Option: 4-Eyes Option: Administration Option:

Cancel Submit

GRAN

CRDMTIPS-REF-DATA

Name
<input checked="" type="checkbox"/> Access Rights
<input checked="" type="checkbox"/> Access Rights
<input type="checkbox"/> Billing Configuration
<input type="checkbox"/> Billing
<input type="checkbox"/> Billing Queries
<input type="checkbox"/> Cash Management
<input type="checkbox"/> CLM
<input type="checkbox"/> Cash Account Data Management
<input checked="" type="checkbox"/> T2S Dedicated Cash Account Data Querie
<input type="checkbox"/> Dynamic Data Queries
<input type="checkbox"/> DWH
<input type="checkbox"/> ECONS Privileges
<input type="checkbox"/> General Configuration Parameters
<input type="checkbox"/> Message Management
<input type="checkbox"/> MPL
<input type="checkbox"/> MSA Data Queries
<input type="checkbox"/> Market-Specific Configuration
<input type="checkbox"/> Message Subscription Queries
<input type="checkbox"/> Message Subscription
<input type="checkbox"/> Network Configuration
<input type="checkbox"/> Network Configuration Queries
<input type="checkbox"/> Other

No Rows To Show

Results

Done!

Requests Successfully Processed: 68
Requests in Error: 0
Requests Timed out: 0

OK

target

T2S OPERATOR USER 1 | 2023-03-08 13:46:37 | Help | Logout
 Session ID: eyJhbGciOiJIUzI1NiJ9 Business Date: 2023-03-09 Stage: IAC version: 3.0.2
 Parent BIC: TCSOTCS0XXX BIC: TCSOTCS0XXX

Common Access Rights Management Grant/Revoke System Privileges Search + New

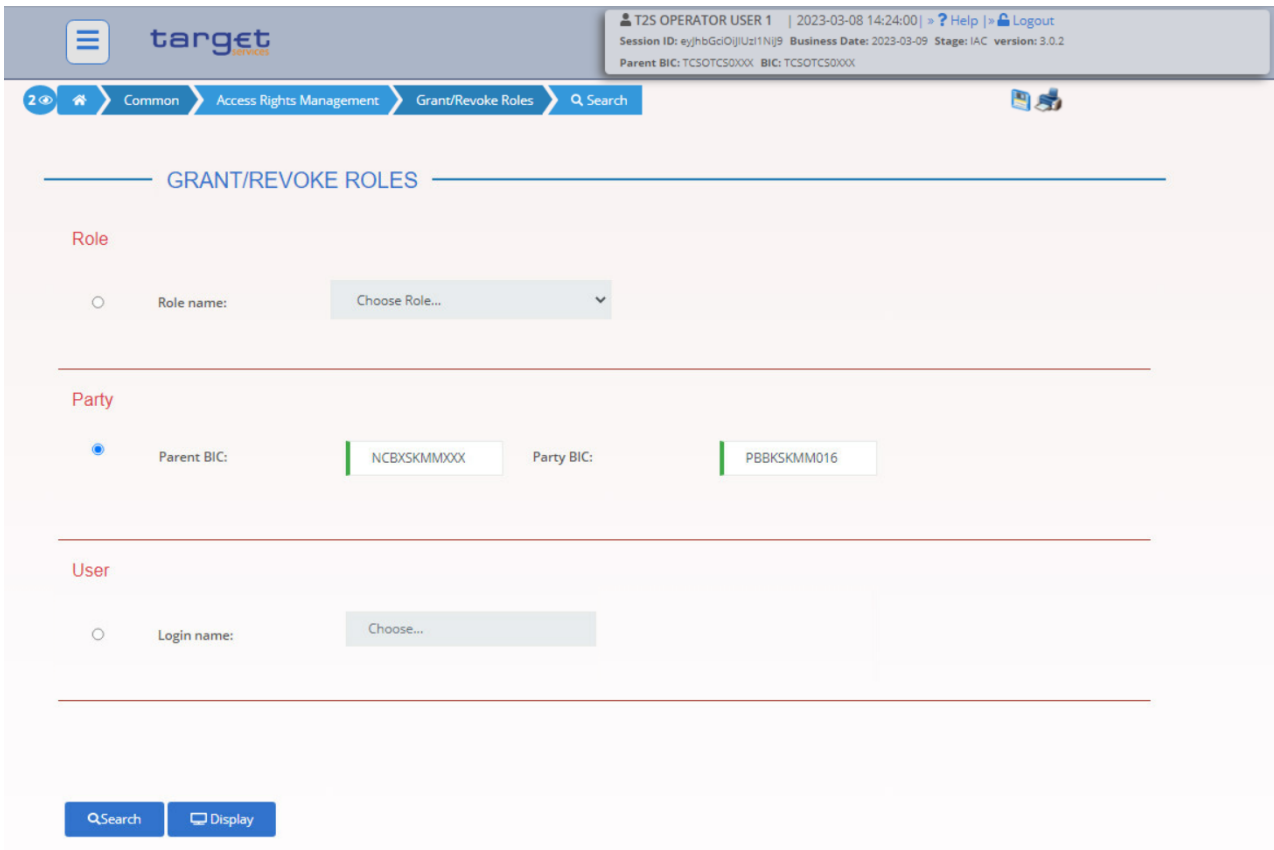
GRANT / REVOKE SYSTEM PRIVILEGES

CRDMTIPS-REF-DATA-GUIDE

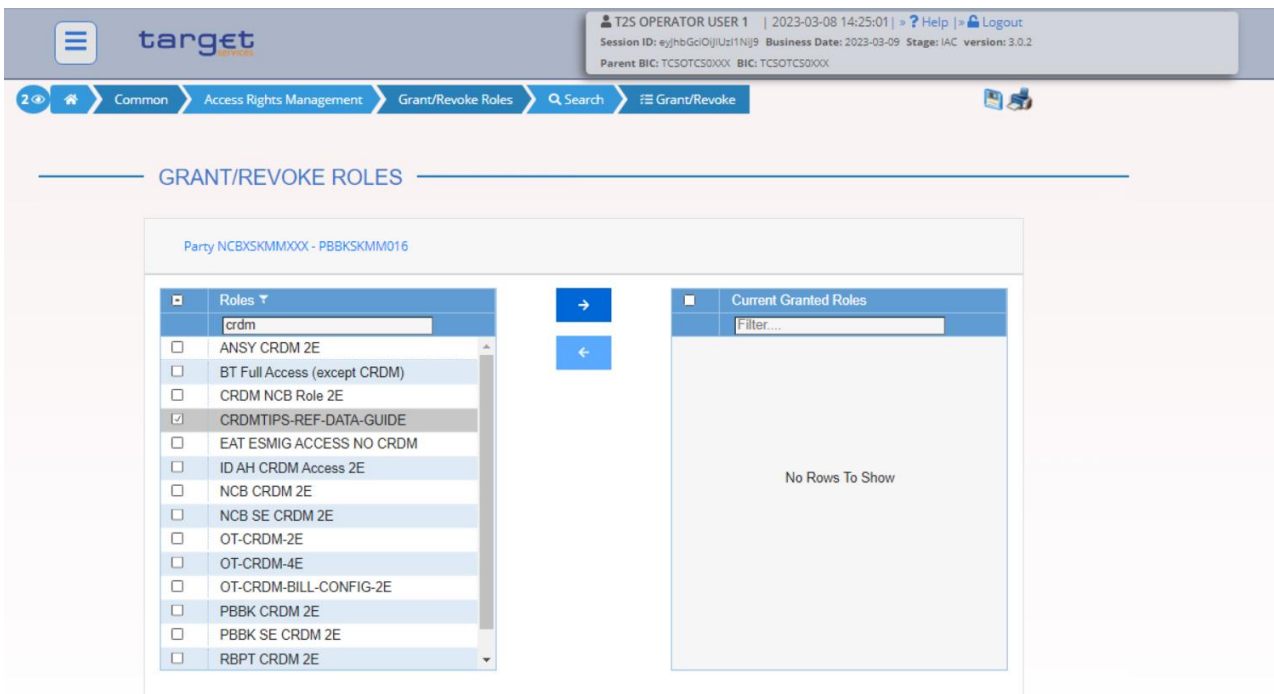
Name	→	Name	Deny	4-Eyes	Admin	Option
<input type="checkbox"/> Access Rights Management		<input type="checkbox"/> Access Rights Management				
<input type="checkbox"/> Access Rights Queries		<input type="checkbox"/> Access Rights Queries				
<input type="checkbox"/> Billing Configuration		<input type="checkbox"/> Billing Queries				
<input type="checkbox"/> Billing		<input type="checkbox"/> Cash Account Data Management				
<input type="checkbox"/> Billing Queries		<input type="checkbox"/> T2S Dedicated Cash Account Data Queries				
<input type="checkbox"/> Cash Management		<input type="checkbox"/> Party Data Management				
<input type="checkbox"/> CLM		<input type="checkbox"/> Party Data Queries				
<input type="checkbox"/> Cash Account Data Management		<input type="checkbox"/> Report Configuration				
<input type="checkbox"/> T2S Dedicated Cash Account Data Querie		<input type="checkbox"/> Report Queries				
<input type="checkbox"/> Dynamic Data Queries		<input type="checkbox"/> Static Data Queries				
<input type="checkbox"/> DWH						
<input type="checkbox"/> ECONS Privileges						
<input type="checkbox"/> General Configuration Parameters						
<input type="checkbox"/> Message Management						
<input type="checkbox"/> MPL						
<input type="checkbox"/> MSA Data Queries						
<input type="checkbox"/> Market-Specific Configuration						
<input type="checkbox"/> Message Subscription Queries						
<input type="checkbox"/> Message Subscription						
<input type="checkbox"/> Network Configuration						
<input type="checkbox"/> Network Configuration Queries						
<input type="checkbox"/> Other						

1.1.7 Grant privileges (through Roles) to the TIPS Actor Party

- Go to the Common / Access Rights Management / Grant/Revoke Roles / Search screen and select the Parent and Party BIC of the TIPS Actor.
- Then click on the **Search** button.



- Select the Role (or the set of Roles) that you want to grant to the TIPS Actor then click on the upper arrow.



- The Role has been granted to the selected TIPS Actor Party

Results

Done!



Requests Successfully Processed: 1

Requests in Error: 0

Requests Timed out: 0

OK

Party NCBXSKMMXXX - PBBKSKMM016

Roles	Current Granted Roles
<input type="checkbox"/> A2A	<input type="checkbox"/> CRDMTIPS-REF-DATA-GUIDE
<input type="checkbox"/> ADMIN EXT.	
<input type="checkbox"/> ANSY ADMIN 2E	
<input type="checkbox"/> ANSY Admin 2E	
<input type="checkbox"/> ANSY Admin 4E	
<input type="checkbox"/> ANSY CRDM 2E	
<input type="checkbox"/> ANSY Reading Role	
<input type="checkbox"/> AS Bilateral Agreement Search	
<input type="checkbox"/> AS procedure	
<input type="checkbox"/> Access Rights Basic	
<input type="checkbox"/> Advanced Access rights admin	
<input type="checkbox"/> BBK CLM GUI ALL	
<input type="checkbox"/> BBK OP CLM All 2-Eyes	
<input type="checkbox"/> BBK OP CLM All 2-Eyes - CriSit	

Alternatively, to grant the same Role to more Parties at the same time:

- Go to the Common / Access Rights Management / Grant/Revoke Roles / Search screen and select the Role to be granted. Then click on the **Search** button
- Select one or multiple TIPS Actor Parties on the left side of the screen, then click on the *right arrow*.

target

T2S OPERATOR USER 1 | 2023-03-08 14:28:40 | ? Help | Logout
 Session ID: e7jhbGdOjUz1Nj9 Business Date: 2023-03-09 Stage: IAC version: 3.0.2
 Parent BIC: TCSOTCS00XX BIC: TCSOTCS00XX

Common Access Rights Management Grant/Revoke Roles Search Grant/Revoke

GRANT/REVOKE ROLES

Role CRDMTIPS-REF-DATA-GUIDE

Parties			Current Granted Parties	
<input type="checkbox"/>	Parent BIC	Party BIC	<input type="checkbox"/>	Parent BIC
<input type="checkbox"/>	ncbxs	Filter	<input type="checkbox"/>	Filter
<input type="checkbox"/>	NCBXS	PBBKS	<input type="checkbox"/>	NCBXS
<input checked="" type="checkbox"/>	NCBXS	PBBKS		PBBKS
<input type="checkbox"/>	NCBXS	PBBKS		PBBKS
<input checked="" type="checkbox"/>	NCBXS	PBBKS		PBBKS
<input type="checkbox"/>	NCBXS	PBBKS		PBBKS
<input checked="" type="checkbox"/>	NCBXS	PBBKS		PBBKS
<input type="checkbox"/>	NCBXS	PBBKS		PBBKS
<input type="checkbox"/>	NCBXS	PBBKS		PBBKS
<input type="checkbox"/>	NCBXS	PBBKS		PBBKS
<input type="checkbox"/>	NCBXS	PBBKS		PBBKS
<input type="checkbox"/>	NCBXS	PBBKS		PBBKS
<input type="checkbox"/>	NCBXS	PBBKS		PBBKS
<input type="checkbox"/>	NCBXS	PBBKS		PBBKS


Role CRDMTIPS-REF-DATA-GUIDE

Users			Current Granted Users	
<input type="checkbox"/>	Parent BIC	Party BIC	<input type="checkbox"/>	Parent BIC
<input type="checkbox"/>	20200716144306			
<input type="checkbox"/>	40JOSBANK			

- The Role is granted to all the selected TIPS Actor Parties

Results

Done!



Requests Successfully Processed: 3
 Requests in Error: 0
 Requests Timed out: 0

OK

target

T2S OPERATOR USER 1 | 2023-03-08 14:31:41 | ? Help | Logout
 Session ID: eyJhbGciOiJIUzI1NiJ9 Business Date: 2023-03-09 Stage: IAC version: 3.0.2
 Parent BIC: TCSOTCS0XXX BIC: TCSOTCS0XXX

Common Access Rights Management Grant/Revoke Roles Search Grant/Revoke

GRANT/REVOKE ROLES

Role CRDMTIPS-REF-DATA-GUIDE

Parties			Current Granted Parties		
	Parent BIC	Party BIC		Parent BIC	Party BIC
<input type="checkbox"/>	ncbxsk	Filter...	<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM003
<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM001	<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM005
<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM002	<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM007
<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM004	<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM016
<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM006			
<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM008			
<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM009			
<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM010			
<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM011			
<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM012			
<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM013			
<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM014			
<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM015			
<input type="checkbox"/>	NCBXSMMXXX	PBBKSMM017			

Role CRDMTIPS-REF-DATA-GUIDE

Users		Current Granted Users	
	Filter...		Filter...
<input type="checkbox"/>	20200716144306		
<input type="checkbox"/>	40JOSBANK		

1.1.8 Grant the Administrator user with Administrative privileges (by means of the relevant Role)

- Go to the Common / Access Rights Management / Grant/Revoke Roles / Search screen and select the user from the menu as shown in the screenshot below. Then click on the **Search** button.

- Select the *Party Administrator* and the *CRDM-Access* roles and grant them to the Administrator User
- Please note that **only** the following 7 privileges can be granted by a CB user to a TIPS Actor user via roles: ARM_AdministerParty, ARM_GrantPrivilege, ARM_GrantRole, ARQ_GrantedSysPrivilegesListQuery, ARQ_GrantObjectPrivilegesListQuery, ARQ_GrantedRolesListQuery, CRDM_Access⁵

Alternatively, to grant the same Roles to more Administrator Users at the same time:

The following actions need to be done for both the (i) *Party Administrator* and the (ii) *CRDM-Access* roles:

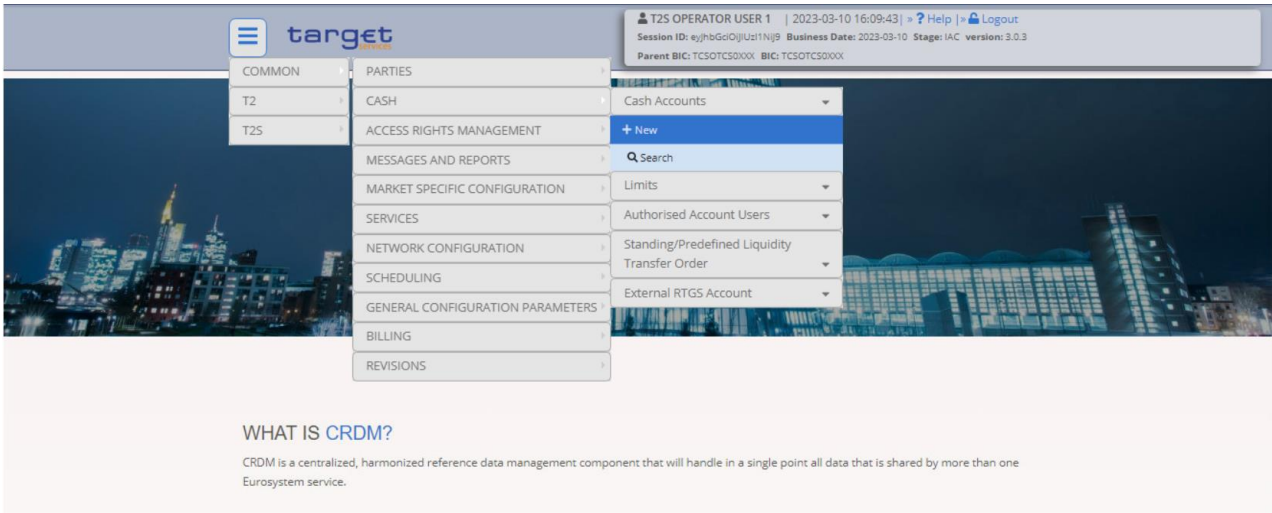
- o Go to the Common / Access Rights Management / Grant/Revoke Roles / Search screen and select the Role to be granted. Then click on the **Search** button
- o Select one or multiple Administrator Users on the left side of the screen, then click on the **right arrow**.
- o The Role is granted to all the selected Administrator Users

1.1.9 Create Cash Account for which the TIPS Actor is the owner

For TIPS Participant:

- Go to the Common / Cash / Cash Accounts / New path and click on the **New** option. As an alternative path, go to the Common / Cash / Cash Accounts / Search screen and click on the **New** button.

⁵ The *CRDM-Access* role will only include *CRDM_Access* privilege. The *Party Administrator* role will include the remaining six privileges.



- Define the new Cash Account for party NCBXSKMMXXX/PBBKSKMM016 as indicated on the screen below. Please remember that the *Opening* and *Closing dates* of the Cash Account cannot exceed the validity dates of the Owner Party.

- The Cash Account ISKEURPBBKSKMM016 has been successfully created.

target

T2S OPERATOR USER 1 | 2023-03-10 15:57:53 | Help | Logout
 Session ID: eyJhbGciOiJIUzI1NiJ9 Business Date: 2023-03-10 Stage: IAC version
 Parent BIC: TCSOTCS0XXX BIC: TCSOTCS0XXX

Request completed! X
 Your request with id <950000000000780962> has been successfully submitted!

Common Cash Cash Accounts + New

CASH ACCOUNT NEW

Cash Account Number: ISKEURPBBKSKMM016 Account Type: TIPS Account
 Opening Date: 2023-03-10 Closing Date: yyyy-mm-dd
 Parent BIC: NCBXSKMMXXX Party BIC: PBBKSKMM016
 Floor notification Amount: Ceiling notification Amount:
 Currency: Euro
 Linked Account Type: Linked Account Number:

Submit
 Reset
 Cancel

For Ancillary System:

- Go to the *Common / Cash / Cash Accounts / New* path and click on the **New** option. As an alternative path, go to the *Common / Cash / Cash Accounts / Search* screen and click on the **New** button.
- Define the new Cash Account for party NCBXSKMMXXX/ANSYSKMM004 as indicated on the screen below. Please remember that the *Opening* and *Closing dates* of the Cash Account cannot exceed the validity dates of the Owner Party.

target

T2S OPERATOR USER 1 | 2023-03-10 17:16:20 | Help | Logout
 Session ID: eyJhbGciOiJIUzI1NiJ9 Business Date: 2023-03-10 Stage: IAC version: 3.0.3
 Parent BIC: TCSOTCS0XXX BIC: TCSOTCS0XXX

Common Cash Cash Accounts Search + New

CASH ACCOUNT NEW

Cash Account Number: ASKEURANSYSKMM004 Account Type: TIPS Ancillary System Ter
 Opening Date: 2023-03-10 Closing Date: yyyy-mm-dd
 Parent BIC: NCBXSKMMXXX Party BIC: ANSYSKMM004
 Floor notification Amount: Ceiling notification Amount:
 Currency: Euro
 Linked Account Type: Linked Account Number:

Submit
 Reset
 Cancel

- The Cash Account ASKEURANSYSKMM004 has been successfully created.

CASH ACCOUNT NEW

Cash Account Number: ASKEURANSYSKMM004 Account Type: TIPS Ancillary System Te

Opening Date: 2023-03-10 Closing Date: yyyy-mm-dd

Parent BIC: NCBXSMMXXX Party BIC: ANSYSKMM004

Floor notification Amount: Ceiling notification Amount:

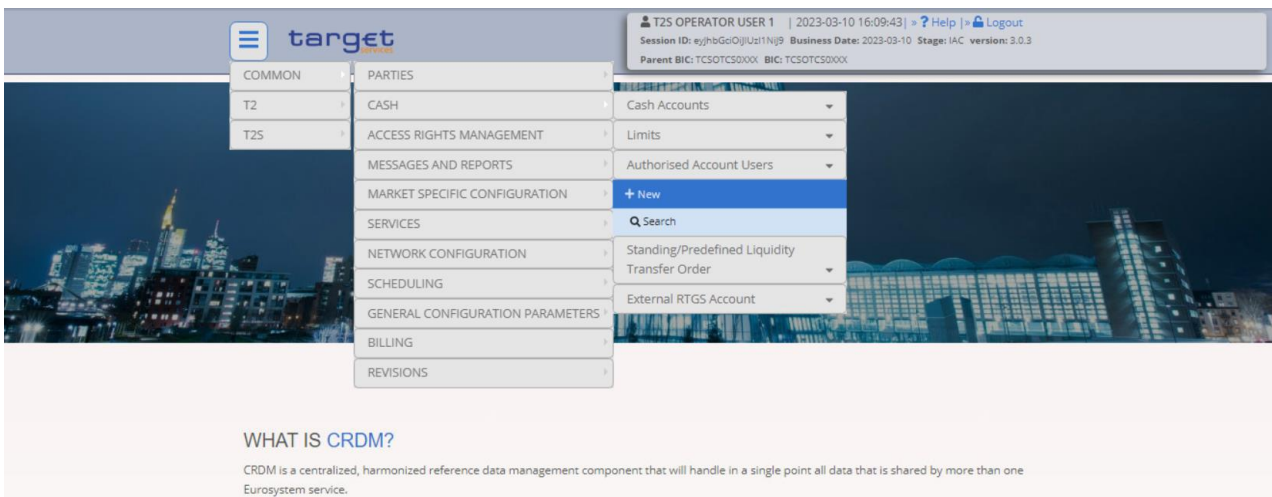
Currency: Euro

Linked Account Type: Linked Account Number:

Request completed! Your request with id <950000000000779719> has been successfully submitted!

1.1.10 Define an AAU for the Dedicated Cash Account or the Ancillary System Technical Account

- This step can also be performed by Payment Banks (and Ancillary Systems), which can create Authorised Account users for TIPS Accounts (and TIPS ASTA) owned by them and for the TIPS CMBs linked to them.
- Go to the Common / Cash / Authorised Account User / New path and click on the **New** option. As an alternative path, go to the Common / Cash / Authorised Account User / Search screen and click on the **New** button.



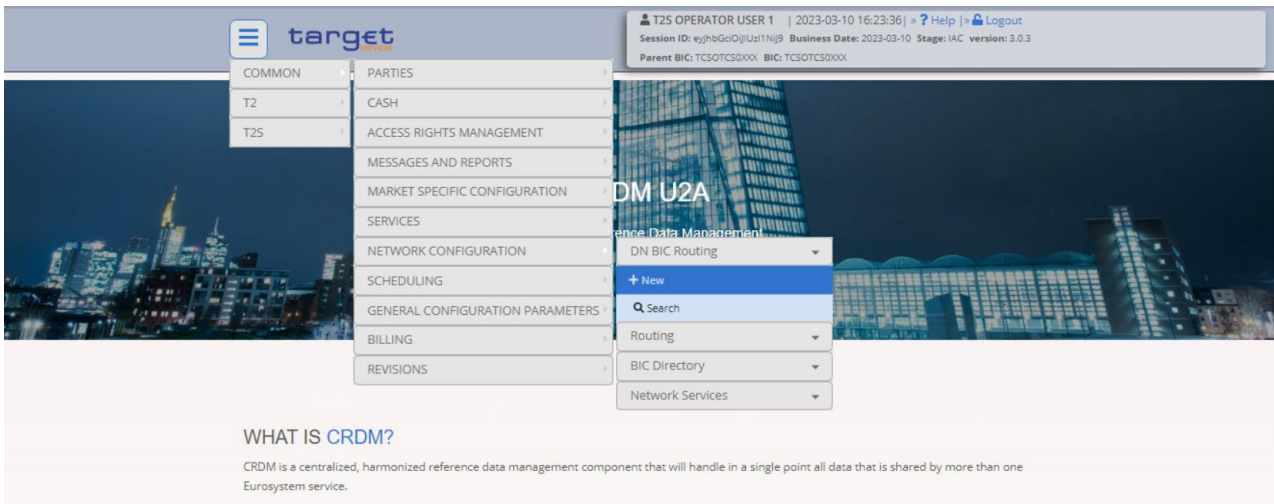
- Insert the data as shown in the screenshot below.

- The AAU has been created.
- **Please remember that the selected BIC PBBKSKMM016 cannot be authorised for any other TIPS Cash Account or CMB in the same validity period, while Account ISKEURPBBKSKMM016 can have more BICs defined as AAU. Banks may decide to have their “Main BIC” reachable on the TIPS ASTA of their ACH or on their TIPS DCA and also use a secondary BIC for the other account.**

1.1.11 Define a DN-BIC Routing configuration for the AAU

This step can also be performed by Payment Banks for the BIC which currently identifies their own Party.

- Go to the Common / Network Configuration / DN BIC Routing / New path and click on the **New** option. As an alternative path, go to the Common / Network Configuration / DN BIC Routing / Search screen and click on the New button.

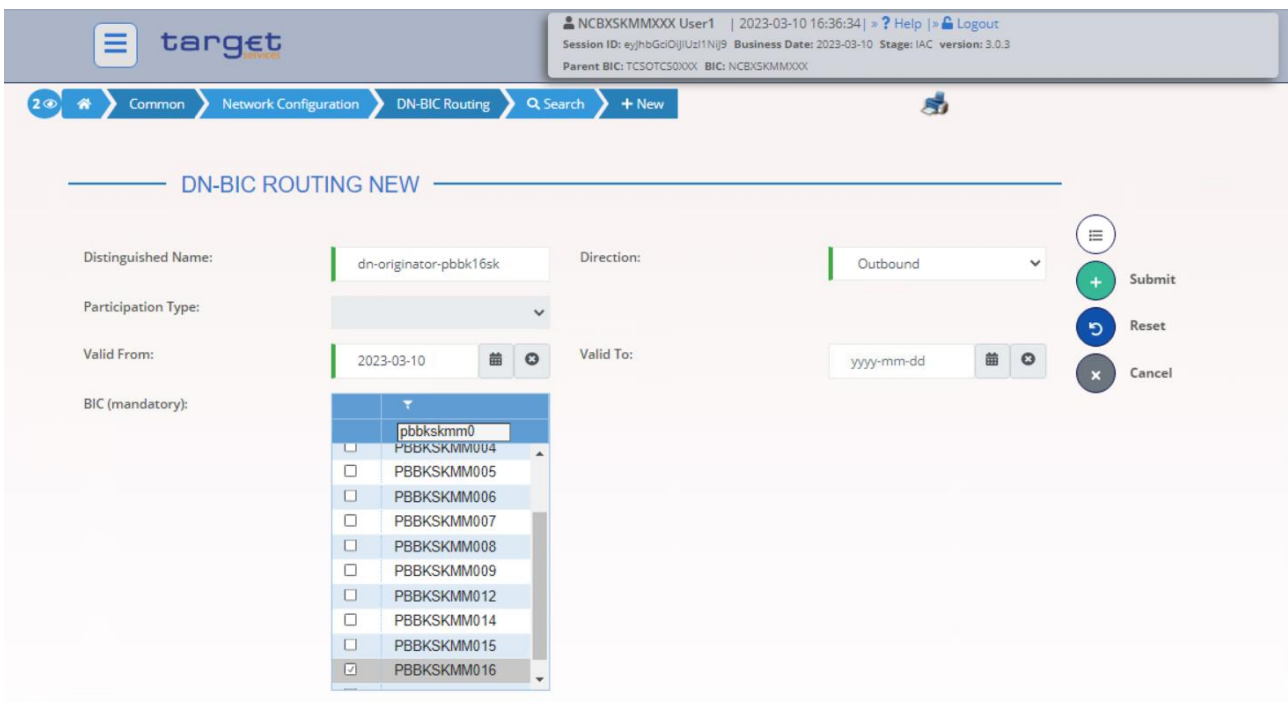


- Define the data as shown in the screenshot below and click on the **Submit** button.

This configuration is needed both to define DNs authorised to instruct payments and DNs authorised to receive payments on the Beneficiary side.

Please consider that in case the Direction is Outbound there can be only one Distinguished Name linked to a specific BIC11 for a certain validity period. Please remember also that the BIC (mandatory) field only shows BIC that have an AAU already set.

Moreover, the Distinguished Name must already be linked via a User-Certificate DN link to an A2A user belonging to the party BIC used for the routing.



1.1.12 Billing configuration

This section contains all steps to configure CRDM data for propagation in BILL. In order to fully configure System Entities and Participants, the following CRDM reference data objects need to be defined:

- Invoice Configuration;
- Routing Configuration;
- Message Subscription Rule Set and Message Subscription Rule.

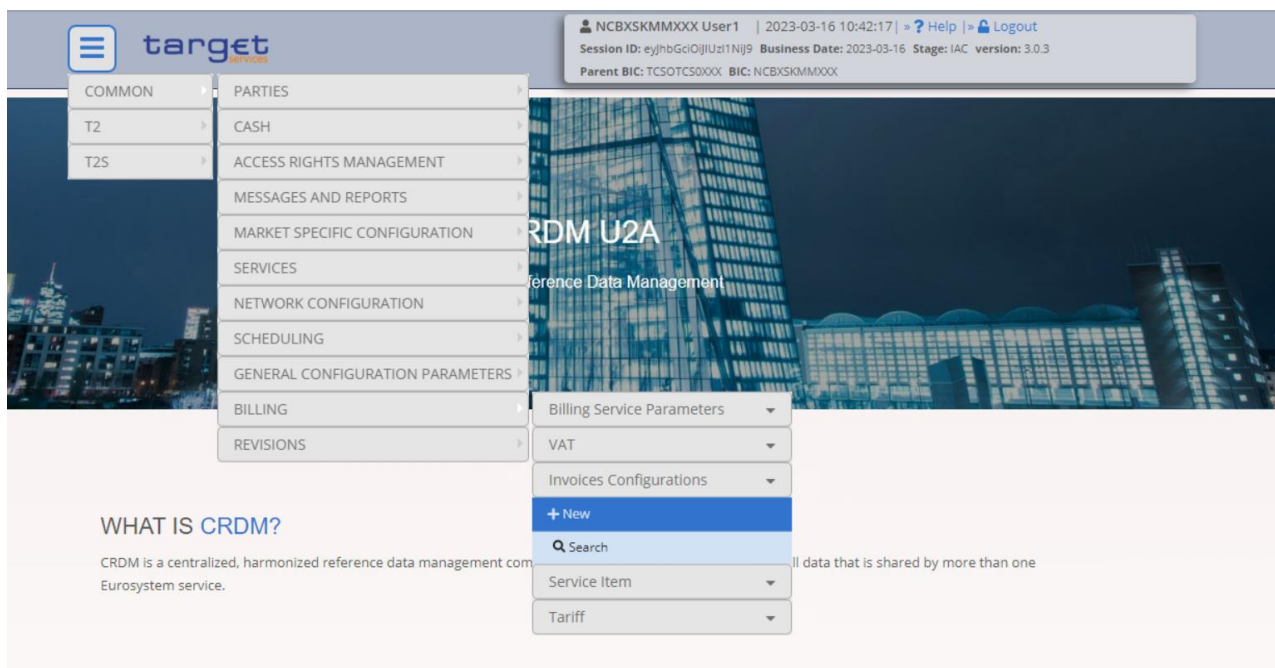
The following sections show the main configuration steps for each of these CRDM objects. They refer only to the relevant fields for BILL configuration related to TIPS Service.

For additional details on specific field's usage please refer to the official UDFS and UHB documentation for CRDM and BILL Common Components [published on ECB website](#).

1. Invoice Configuration

For TIPS Central Bank:

- Go to the Common / Billing / Invoice Configuration / New path and click on the **New** option. As an alternative path, go to the Common / Billing / Invoice Configuration / Search screen and click on the **New** button.



- Insert the most relevant TIPS related data⁶ as shown below.
 - o TIPS Service as *Service*
 - o *Parent BIC* and *Party BIC* identifying the Central Bank
 - o *Consumption Message*⁷
 - o *Direct Invoicing*⁸

⁶ Please note that *Annual Amount Threshold* is a mandatory field and must be filled in even if not relevant for TIPS (e.g. 100,000). *Invoice Address* and *Invoice Template* sections need to be filled in before submitting the creation request. For additional details on specific field's usage please refer to the official UDFS and UHB documentation for CRDM and BILL Common Components published on ECB website

⁷ It need to be set to 'Yes' in order to receive camt.077 CONS; 'No' otherwise.

⁸ It need be set to 'Yes' in order to let BILL activate direct invoicing for the system entity; 'No' otherwise. In case 'Yes' is selected, to guarantee the correct functioning of the billing process, all participants of the system entity must have a valid invoice configuration.

target

NCBXSMMXXX User1 | 2023-03-16 10:48:39 | Help | Logout
 Session ID: eyjhbGoOjUz1Nj9 Business Date: 2023-03-16 Stage: IAC version: 3.0.3
 Parent BIC: TCSOTCS0XXX BIC: NCBXSMMXXX

Common Billing Invoice Configurations Search + New

INVOICE CONFIGURATION NEW

Service: TIPS SERVICE

Parent BIC: TCSOTCS0XXX Party BIC: NCBXSMMXXX

Consumption Message: Direct Invoicing:

Tax Exempt: Annual Amount Threshold: 1,700,000

VAT ID: Tariff:

Submit Reset Cancel

Invoice Address

Street: House Number: Country Code: City: Postal Code: State or Province: Phone Number: Fax Number: Email Address:

Max number of operation allowed reached

Street	House Nu...	Country C...	City	Postal Code	State or Pr...	Phone Nu...	Fax Number	Email Addr...
Main street	11	SK	Bratislava	12345				

- Then click on Submit button. The **Invoice Configuration for the Central Bank** is now active.

For TIPS Participant or Ancillary System:

- Go to the Common / Billing / Invoice Configuration / New path and click on the **New** option. As an alternative path, go to the Common / Billing / Invoice Configuration / Search screen and click on the **New** button.
- Insert the most relevant TIPS related data⁹ as shown below.
 - o TIPS Service as *Service*
 - o *Parent BIC* and *Party BIC* identifying the TIPS Participant or Ancillary System
 - o *Direct Charging*¹⁰ flag and Cash Accounts for Direct Debit Invoice Configuration setup¹¹

⁹ Please note that *Annual Amount Threshold* is a mandatory field and must be filled in even if not relevant for TIPS (e.g. 100,000). *Invoice Address*, *Invoice Template* and *Direct Debit Invoice Configuration* sections need to be filled in before submitting the creation request. For additional details on specific field's usage please refer to the official UDFS and UHB documentation for CRDM and BILL Common Components published on ECB website.

¹⁰ It must be set to 'Yes' in order to allow the direct charging on configured accounts; 'No' otherwise.

¹¹ The Credited Account of the Direct Debit Invoice Configuration must refer to an open, existing and active Cash Account instance in CRDM that belongs to the same System Entity of the Linked Party. The Debited Account of the Direct Debit Invoice Configuration must refer to an existing Cash Account instance in CRDM with type "Main Cash Account", not necessarily under the CB datascope.

INVOICE CONFIGURATION NEW

Service: TIPS SERVICE

Parent BIC: NCBXSKMMXXX Party BIC: PBBKSKMM001

Consumption Message: Direct Invoicing:

Tax Exempt: Annual Amount Threshold: 100,000

VAT ID: Tariff:

-
- Submit
- Reset
- Cancel

Invoice Address

Street: House Number:

Country Code: City:

Postal Code: State or Province:

Phone Number: Fax Number:

Email Address:

Max number of operation allowed reached

Street	House Number	Country Code	City	Postal Code	State or Prov...	Phone Number	Fax Number	Email Address
Main Street	1	SK	Bratislava	12345				

Invoice Template

No VAT: Statement Legal Mention:

Statement Means Of Payment: Footer:

Issuer Name:

-
- Submit
- Reset
- Cancel

Max number of operation allowed reached

No VAT	Statement Legal Mention	Statement Means Of Payment	Footer	Issuer Name Code
No				

Total rows: 1

Direct Debit Invoice Configuration

Direct Charging: Credited Account: Choose...

Debited Account: Choose...

Max number of operation allowed reached

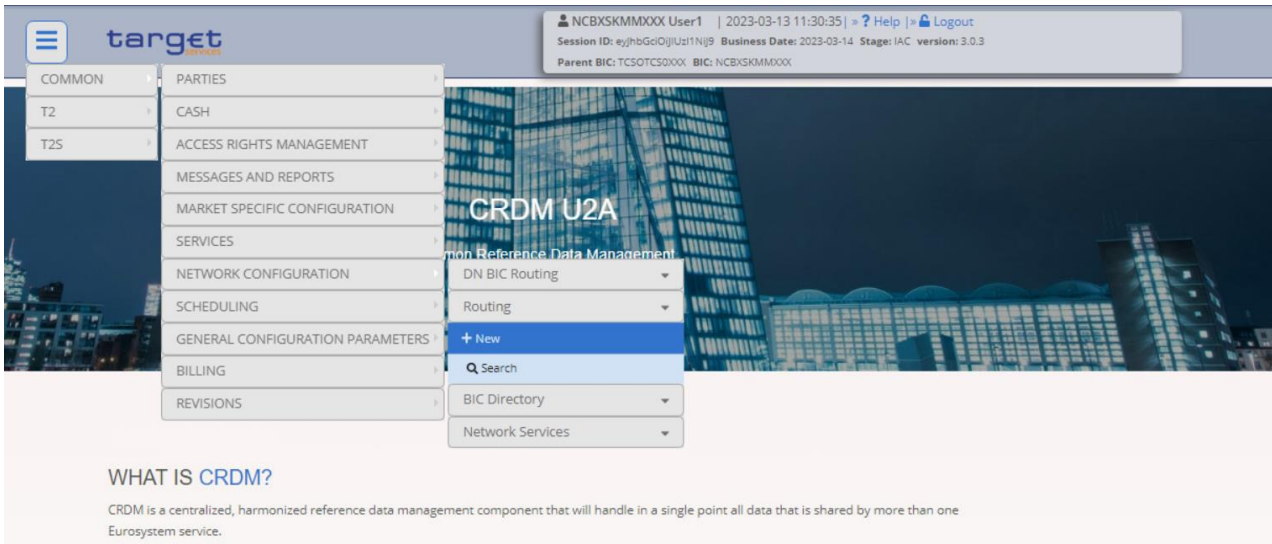
Direct Charging	Credited Account	Debited Account
Yes	PBBKSKMM001MCA001	PBBKSKMM001MCA003

- Then click on Submit button. The **Invoice Configuration for the TIPS Participant** is now active.

2. Routing Configuration for Billing

For TIPS Central Bank:

- Go to the Common / Network Configuration / Routing / New path and click on the **New** option. As an alternative path, go to the Common / Network Configuration / Routing / Search screen and click on the **New** button.



- Insert the most relevant TIPS related data as shown below.
 - o Select a TIPSBILL.XXX *Network Service*¹²
 - o *Parent BIC* and *Party BIC* identifying the Central Bank
 - o Select a *Party Technical Address* already defined at *Party* level and linked to the *Network Service* selected above
 - o Select the flag *Default Routing*¹³

¹² To allow the reception of camt.077 generated by the system (INVC and CONS) the Network Services are 'TIPSBILL.XXX.FILESNF' and 'TIPSBILL.XXX.MSGSNF'. To allow A2A BILL query feature (ITEM and CUMU) the Network Services is 'TIPSBILL.XXX.MSGRT'.

¹³ It must be set to 'Yes' since at least one default routing has to be defined. In case of conditional routing set up the flag must be set to 'No' and it must be defined the 'Message Type' for which a dedicated routing path is needed.

- Then click on Submit button. The **Routing Configuration for the Central Bank** is now active.

For TIPS Participant or Ancillary System (this step can also be performed by TIPS Participant or Ancillary System):

- Go to the Common / Network Configuration / Routing / New path and click on the **New** option. As an alternative path, go to the Common / Network Configuration / Routing / Search screen and click on the **New** button.
- Insert the most relevant TIPS related data as shown below.
 - o Select a TIPSBILL.XXX Network Service¹⁴
 - o Parent BIC and Party BIC identifying the TIPS Participant or Ancillary System
 - o Select a Party Technical Address already defined at Party level and linked to the Network Service selected above
 - o Select the flag *Default Routing*¹⁵

¹⁴To allow the reception of camt.077 generated by the system (INVC and CONS) the Network Services are 'TIPSBILL.XXX.FILESNF' and 'TIPSBILL.XXX.MSGSNF'. To allow A2A BILL query feature (ITEM and CUMU) the Network Services is 'TIPSBILL.XXX.MSGRT'.

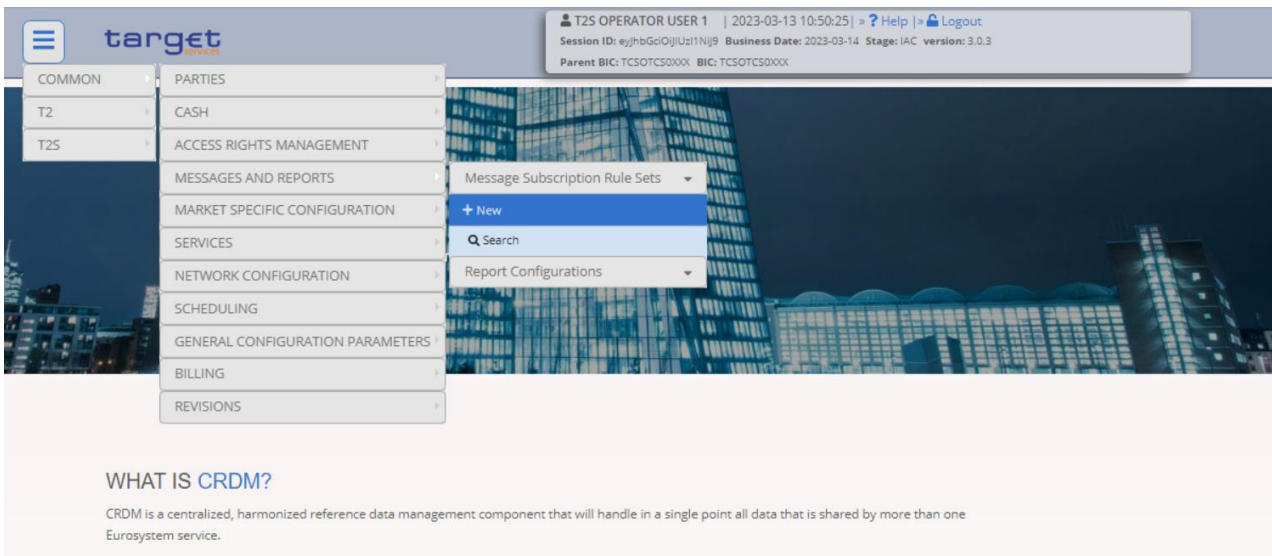
¹⁵ It must be set to 'Yes' since at least one default routing has to be defined. In case of conditional routing set up the flag must be set to 'No' and it must be defined the 'Message Type' for which a dedicated routing path is needed.

- Then click on Submit button. The **Invoice Configuration for the TIPS Participant or Ancillary System** is now active.

3. Message Subscription Rule Set/Rule Configuration for Billing

For TIPS Central Bank:

- Go to the Common / Messages and Reports / Message Subscription Rule Sets / Search screen and click on the **New** button. As an alternative path, go to the Common / Messages and Reports / Message Subscription Rule Sets / Search screen and click on the **New** button.



- Insert the most relevant TIPS related data as shown below.
 - o TIPS Service as *Service*
 - o *Parent BIC and Party BIC* identifying the Central Bank as *Creator Party*
 - o *Parent BIC and Party BIC* identifying the Central Bank as *Interested Party*
 - o The positive flag as *Positive/Negative parameter set value*

target NCBXSMMXXX User1 | 2023-03-16 12:11:16 | ? Help | Logout
Session ID: eyJhbGciOiJIUzI1NiJ9 Business Date: 2023-03-16 Stage: IAC version: 3.0.3
Parent BIC: TCSOTCS0XXX BIC: NCBXSMMXXX

Common Messages and Reports Message Subscription Rule Sets Search + New

MESSAGE SUBSCRIPTION RULE SET NEW

Name: Description:

Service:

Valid From: Valid To:

Positive/Negative parameter set:

Creator Parent BIC: Creator Party BIC:

Submit

Reset

Cancel

Interested Parties

Parent BIC: Party BIC:

Parent BIC	Party BIC
TCSOTCS0XXX	NCBXSMMXXX

Total rows: 1

- Then click on Submit button. The **Message Subscription Rule Set for the Central Bank** is now active.

target NCBXSMMXXX User1 | 2023-03-16 12:13:28 | ? Help | Logout
Session ID: eyJhbGciOiJIUzI1NiJ9 Business Date: 2023-03-16 Stage: IAC version: 3.0.3
Parent BIC: TCSOTCS0XXX BIC: NCBXSMMXXX

Common Messages and Reports Message Subscription Rule Sets Search + New

Request completed!

Your request with id <950000000000783560> has been successfully submitted!

MESSAGE SUBSCRIPTION RULE SET NEW

Name: Description:

Service:

Valid From: Valid To:

Positive/Negative parameter set:

Creator Parent BIC: Creator Party BIC:

Submit

Reset

Cancel

Interested Parties

Parent BIC: Party BIC:

Parent BIC	Party BIC
TCSOTCS0XXX	NCBXSMMXXX

Total rows: 1

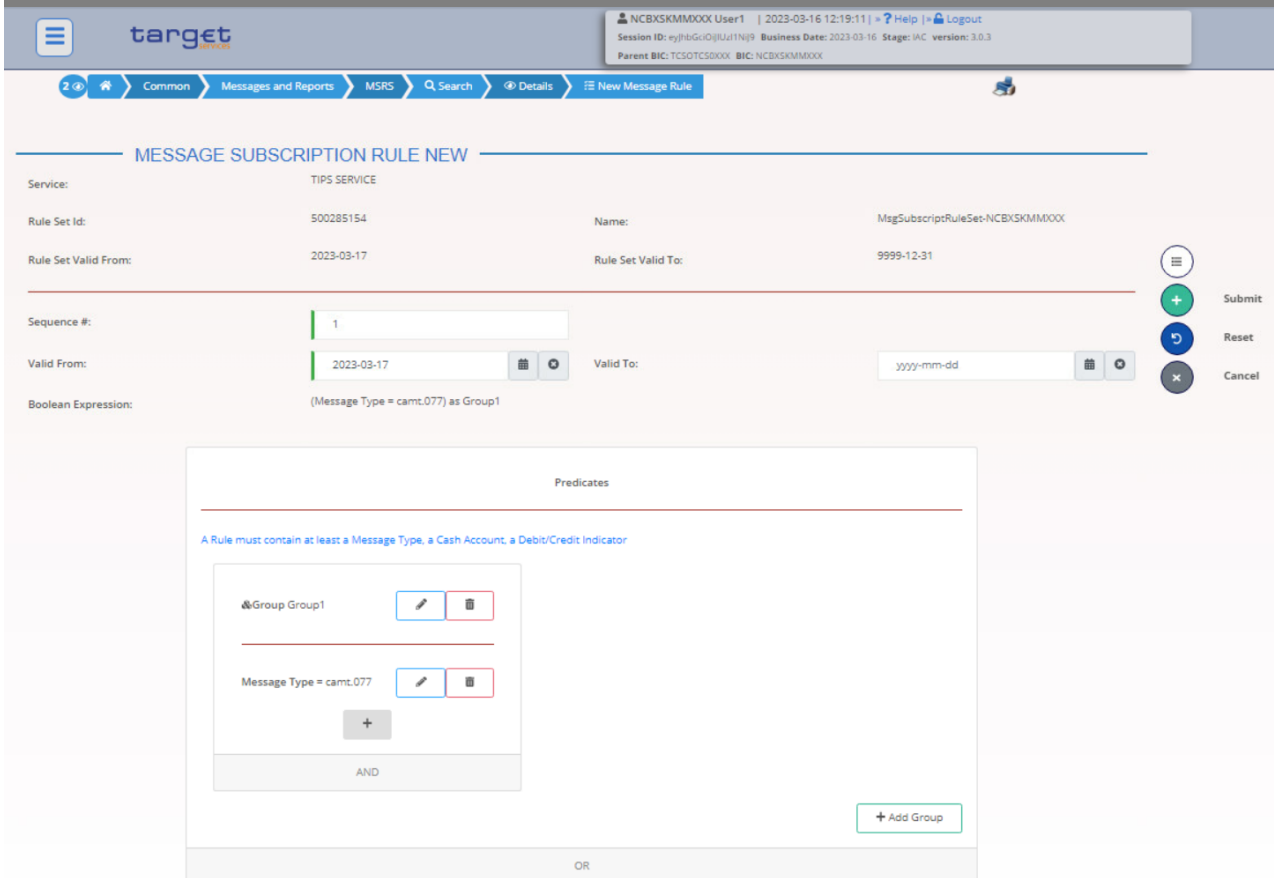
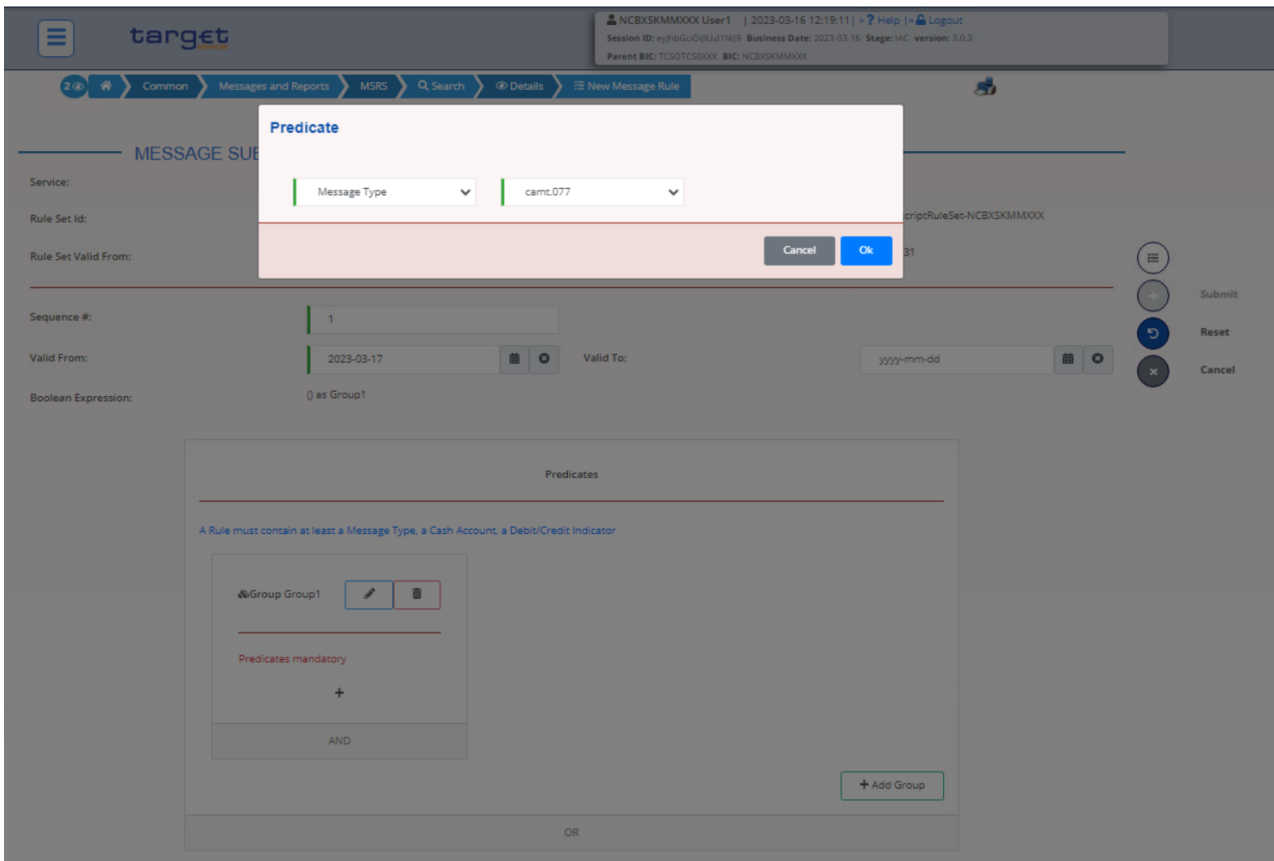
- Go to the Common / Messages and Reports / Message Subscription Rule Sets / Search screen, search for the newly created Message Subscription Rule Set and click on the **Details** button.

The screenshot shows the 'MESSAGE SUBSCRIPTION RULE SET DETAILS' page in the Target system. The page header includes the Target logo and user information: 'NCBXSMMXXX User1 | 2023-03-16 12:14:35 | Help | Logout'. The breadcrumb navigation is 'Common > Messages and Reports > Message Subscription Rule Sets > Search > Details'. The main content area is divided into several sections:

- Metadata:** A grid of key-value pairs including Status (Active), Rule Set Id (500285154), Description (MsgSubscriptRuleSet-NCBXSMMXXX), Valid From (2023-03-17), Creator Parent BIC (TCSOTCS0XXX), Service (TIPS SERVICE), Name (MsgSubscriptRuleSet-NCBXSMMXXX), Positive/Negative parameter set (Positive), Valid To (9999-12-31), and Creator Party BIC (NCBXSMMXXX).
- Interested Parties:** A table with columns 'Parent BIC' and 'Party BIC'. One row is visible with Parent BIC 'TCSOTCS0XXX' and Party BIC 'NCBXSMMXXX'. Total rows: 1.
- Rules:** A section with a 'Status' dropdown set to 'Active'. Below it is a table with columns: Status, Seq, Rule, Valid From, Valid To, Rule Boolean Expression. The table is empty with the message 'No Rows To Show'. Total rows: 0.

On the right side, there is a vertical toolbar with icons for Edit, Delete, Restore, and Revisions. At the bottom right, there are buttons for 'Revisions' and '+Add Rule'.

- Click on the **Add rule** button under section **Rules**
- Then add the *Sequence*, *Valid from* and *Valid to* values, then click on the **Add Group** button.
- Define the *Group* name and then Click on the **+ icon**. Then choose the *Message type camt.077* from the drop down menu and click on the **Ok** button



- Then click on **Submit** button. The **Message Subscription Rule for the Central Bank** has been created.

target TIPS

NCBXSMMXXX User1 | 2023-03-16 12:23:27 | Help | Logout
 Session ID: eyJhGuljUj1Nj9 | Business Date: 2023-03-16 | Stage: IAC | version: 3.0.3
 Parent BIC: TCSOTCSXXX | BIC: NCBXSMMXXX

Common Messages and Reports MSRS Search Details **New Message Rule**

MESSAGE SUBSCRIPTION RULE NEW

Service: TIPS SERVICE
 Rule Set Id: 500285154 Name: MagSubscriptRuleSet-NCBXSMMXXX
 Rule Set Valid From: 2023-03-17 Rule Set Valid To: 9999-12-31

Sequence #: 1
 Valid From: 2023-03-17 Valid To: yyyy-mm-dd
 Boolean Expression: (Message Type = camt.077) as Group1

Predicates

A Rule must contain at least a Message Type, a Cash Account, a Debit/Credit Indicator

Group Group1
 Message Type = camt.077
 +
 AND
 + Add Group
 OR

Submit
 Reset
 Cancel

Request completed!
 Your request with id <950000000000783564> has been successfully submitted!

For TIPS Participant or Ancillary System (this step can also be performed by TIPS Participant or Ancillary System):

- Go to the Common / Messages and Reports / Message Subscription Rule Sets / Search screen and click on the **New** button. As an alternative path, go to the Common / Messages and Reports / Message Subscription Rule Sets / Search screen and click on the **New** button.
- Insert the most relevant TIPS related data as shown below.
 - TIPS Service as *Service*
 - *Parent BIC* and *Party BIC* identifying the Central Bank as *Creator Party*¹⁶
 - *Parent BIC* and *Party BIC* identifying the TIPS Participant or Ancillary System as *Interested Party*
 - The positive flag as *Positive/Negative parameter set value*

¹⁶ In case the TIPS Participant or Ancillary System performs this step, *Parent BIC* and *Party BIC* identifying its own Party must be inserted as *Creator Party*.

target NCBXSMMXXX User1 | 2023-03-16 12:26:12 | Help | Logout
Session ID: eyJhbGciOiJIUzI1NiJ9 Business Date: 2023-03-16 Stage: IAC version: 3.0.3
Parent BIC: TCSOTCS0XXX BIC: NCBXSMMXXX

Common Messages and Reports Message Subscription Rule Sets Search + New

MESSAGE SUBSCRIPTION RULE SET NEW

Name: MsgSubscriptRuleSet-PBBKSMMMI Description: MsgSubscriptRuleSet-PBBKSMMMI

Service: TIPS SERVICE

Valid From: 2023-03-17 Valid To: yyyy-mm-dd

Positive/Negative parameter set: Positive

Creator Parent BIC: TCSOTCS0XXX Creator Party BIC: NCBXSMMXXX

Submit

Reset

Cancel

Interested Parties

Parent BIC: Choose BIC Party BIC: Choose BIC Party

Parent BIC	Party BIC
NCBXSMMXXX	PBBKSMM001

Total rows: 1

- Then click on Submit button. The **Message Subscription Rule Set for the TIPS Participant or Ancillary System** is now active.

target NCBXSMMXXX User1 | 2023-03-16 12:28:21 | Help | Logout
Session ID: eyJhbGciOiJIUzI1NiJ9 Business Date: 2023-03-16 Stage: IAC version: 3.0.3
Parent BIC: TCSOTCS0XXX BIC: NCBXSMMXXX

Common Messages and Reports Message Subscription Rule Sets Search + New

Request completed!

Your request with id <950000000000783565> has been successfully submitted!

MESSAGE SUBSCRIPTION RULE SET NEW

Name: MsgSubscriptRuleSet-PBBKSMMMI Description: MsgSubscriptRuleSet-PBBKSMMMI

Service: TIPS SERVICE

Valid From: 2023-03-17 Valid To: yyyy-mm-dd

Positive/Negative parameter set: Positive

Creator Parent BIC: TCSOTCS0XXX Creator Party BIC: NCBXSMMXXX

Submit

Reset

Cancel

Interested Parties

Parent BIC: Choose BIC Party BIC: Choose BIC Party

Parent BIC	Party BIC
NCBXSMMXXX	PBBKSMM001

Total rows: 1

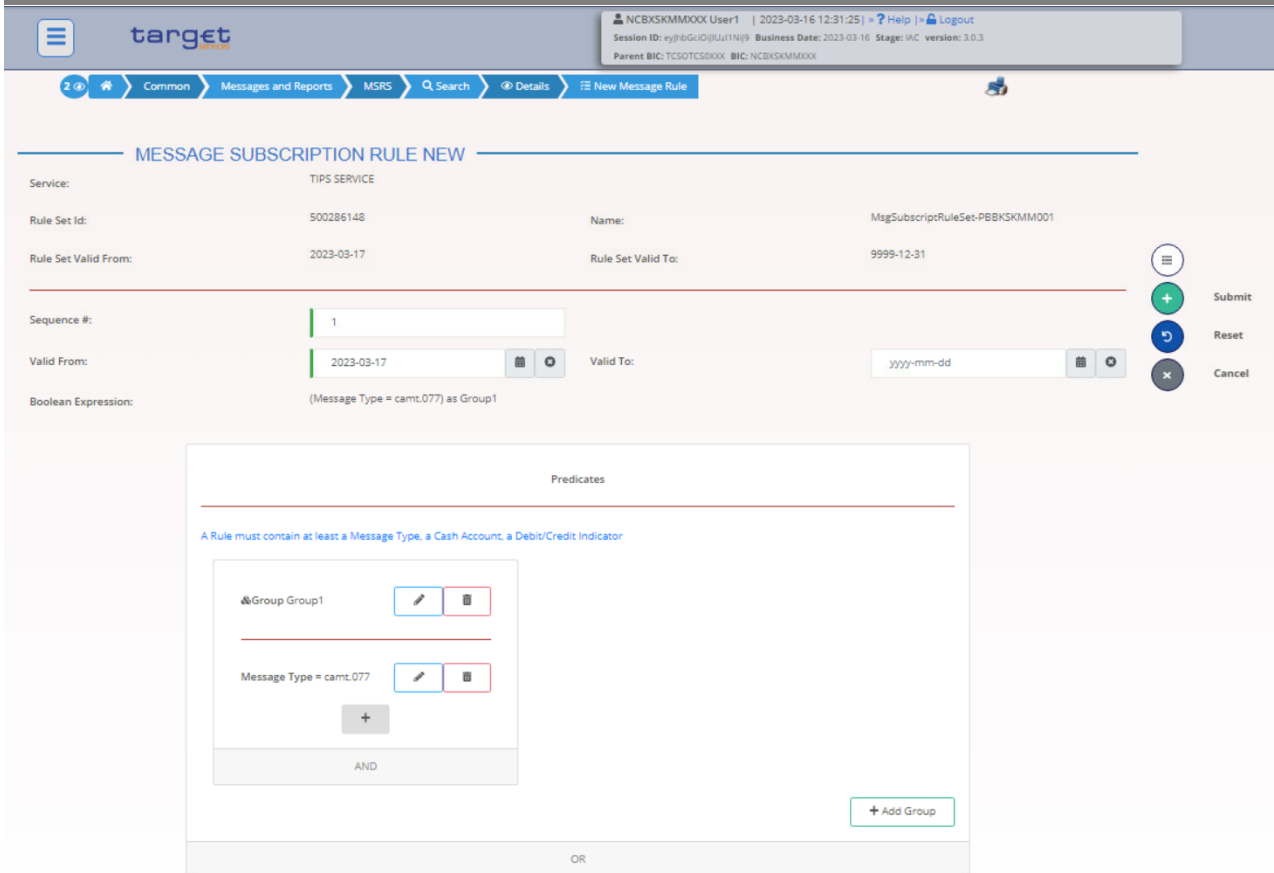
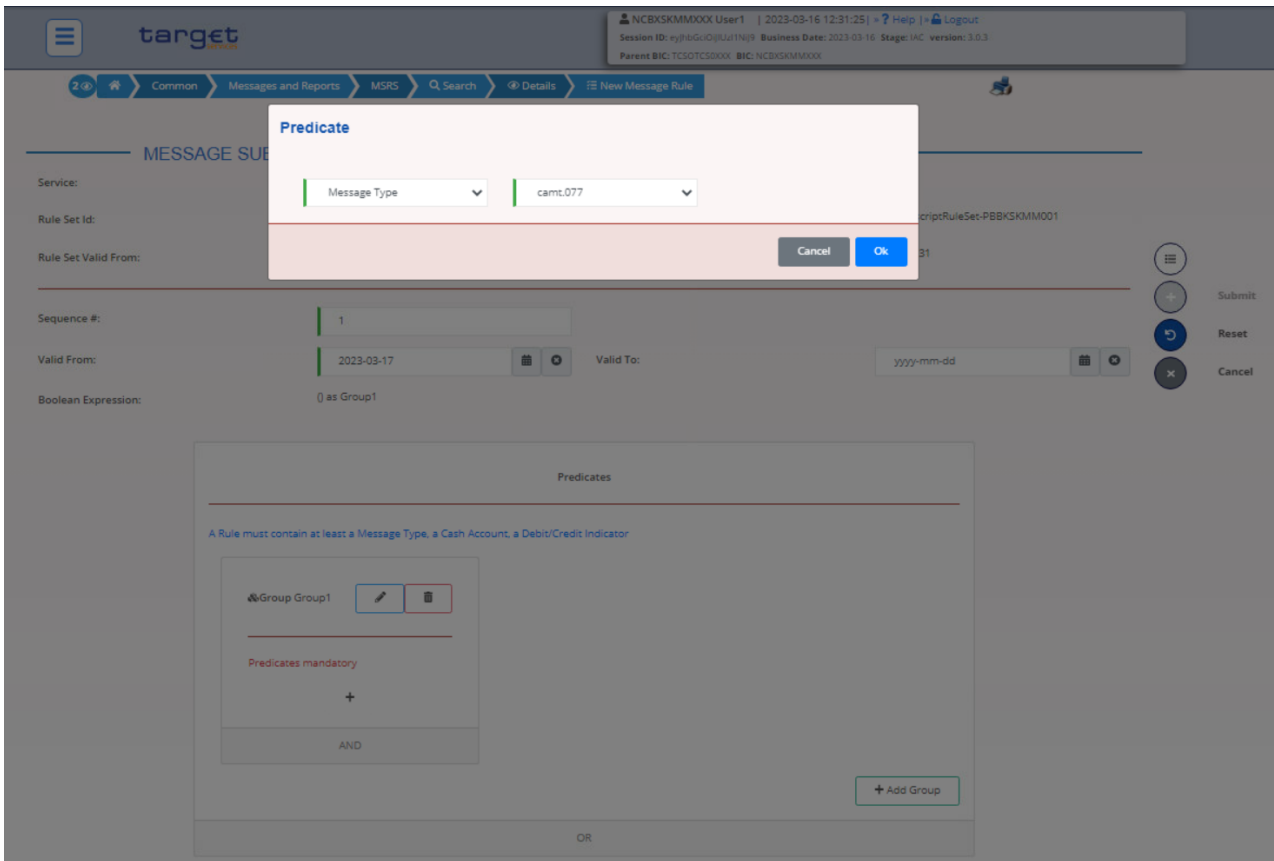
- Go to the *Common / Messages and Reports / Message Subscription Rule Sets / Search* screen, search for the newly created Message Subscription Rule Set and click on the **Details** button.

The screenshot displays the 'MESSAGE SUBSCRIPTION RULE SET DETAILS' page in the Target system. The page header includes the Target logo and user information: 'NCBKSKMM00X User1 | 2023-03-16 12:29:31 | Help | Logout'. The breadcrumb navigation shows 'Common > Messages and Reports > Message Subscription Rule Sets > Search > Details'. The main content area is divided into several sections:

- Metadata:** A grid of key-value pairs including Status (Active), Rule Set Id (500286148), Description (MsgSubscriptRuleSet-PBBKSKMM001), Valid From (2023-03-17), Creator Parent BIC (TCSOTCS00XX), Service (TIPS SERVICE), Name (MsgSubscriptRuleSet-PBBKSKMM001), Positive/Negative parameter set (Positive), Valid To (9999-12-31), and Creator Party BIC (NCBKSKMM00X).
- Interested Parties:** A table with two columns: 'Parent BIC' (NCBKSKMM00X) and 'Party BIC' (PBBKSKMM001). Below the table, it indicates 'Total rows: 1'.
- Rules:** A section with a 'Status' dropdown set to 'Active'. Below it is a table with columns: Status, Seq, Rule, Valid From, Valid To, and Rule Boolean Expression. The table is empty, displaying 'No Rows To Show' and 'Total rows: 0'. At the bottom right of this section are buttons for 'Revisions' and '+Add Rule'.

On the right side of the page, there is a vertical toolbar with icons for Edit, Delete, Restore, and Revisions.

- Click on the **Add rule** button under section **Rules**
- Then add the *Sequence*, *Valid from* and *Valid to* values, then click on the **Add Group** button.
- Define the *Group* name and then Click on the **+ icon**. Then choose the *Message type camt.077* from the drop down menu and click on the **Ok** button



- Then click on **Submit** button. The **Message Subscription Rule for the TIPS Participant or Ancillary System** has been created

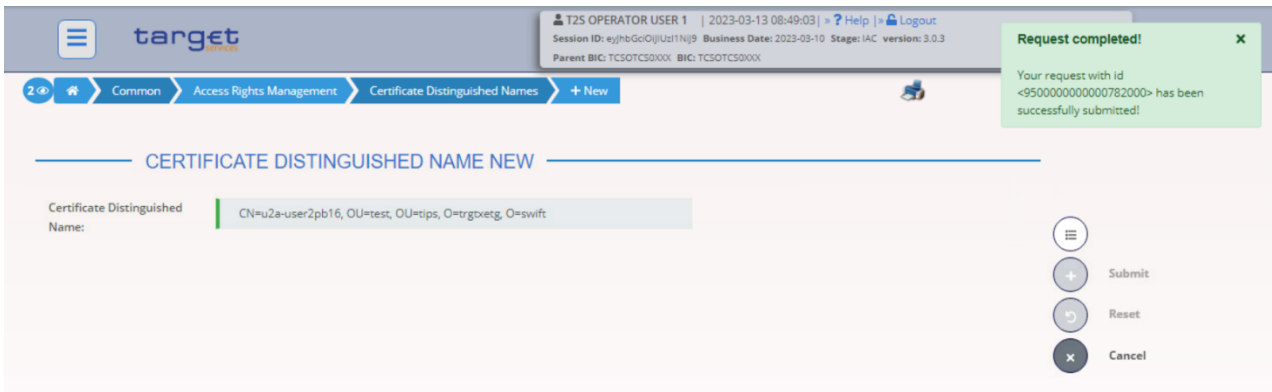
1.2 Reference data under TIPS Actor responsibility

1.2.1 Create a non-Administrator user for the TIPS Actor Party

- Create a new user (e.g. USER2 SKPB016) by filling out all the relevant fields:

1.2.2 Create a new Distinguished Name

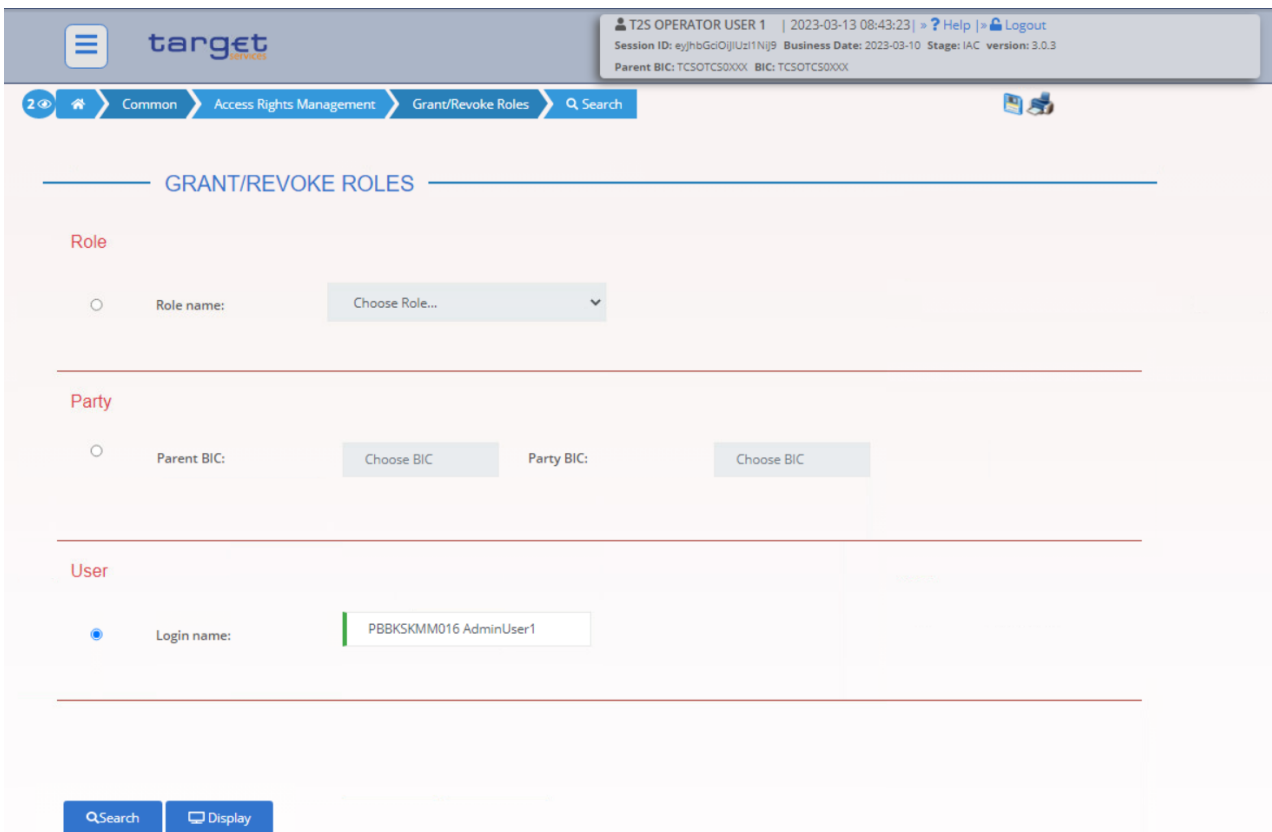
- Go to the Common / Access Rights Management / Certificate Distinguished Names / Search screen and click on the **New** button. Insert the Certificate Distinguished Name and click on the **Submit** button.



1.2.3 Complete the TIPS Actor Admin access rights configuration

A TIPS Actor Administrator can only be granted with the Party Administrator role by its relevant CB. This role only contains the 7 basic privileges to access the CRDM GUI and to execute administrative actions on Access Rights. This means that, as a first step, **the Admin user has to enter the GUI and grant himself any other needed privileges and roles**. For example the “PB Access rights administrator - Advanced” which is necessary for the Admin to proceed with creating new users, new Certificate DNs and new User-Certificate DN links. In order to do so:

- Go to the *Common / Access Rights Management / Grant/Revoke Roles* screen and select from the Login name radio button the Administrator user, then click on the **Search** button.



- Select the relevant role (e.g. PB Access rights administrator - Advanced) and grant it to the Admin user

Alternatively, to grant the same Role to more Users at the same time:

- Go to the Common / Access Rights Management / Grant/Revoke Roles / Search screen and select the Role to be granted. Then click on the **Search** button
- Select one or multiple Users on the left side of the screen, then click on the upper arrow.
- The Role has been granted to the Users

1.2.4 Create a User Certificate Distinguished Name Link for the new User

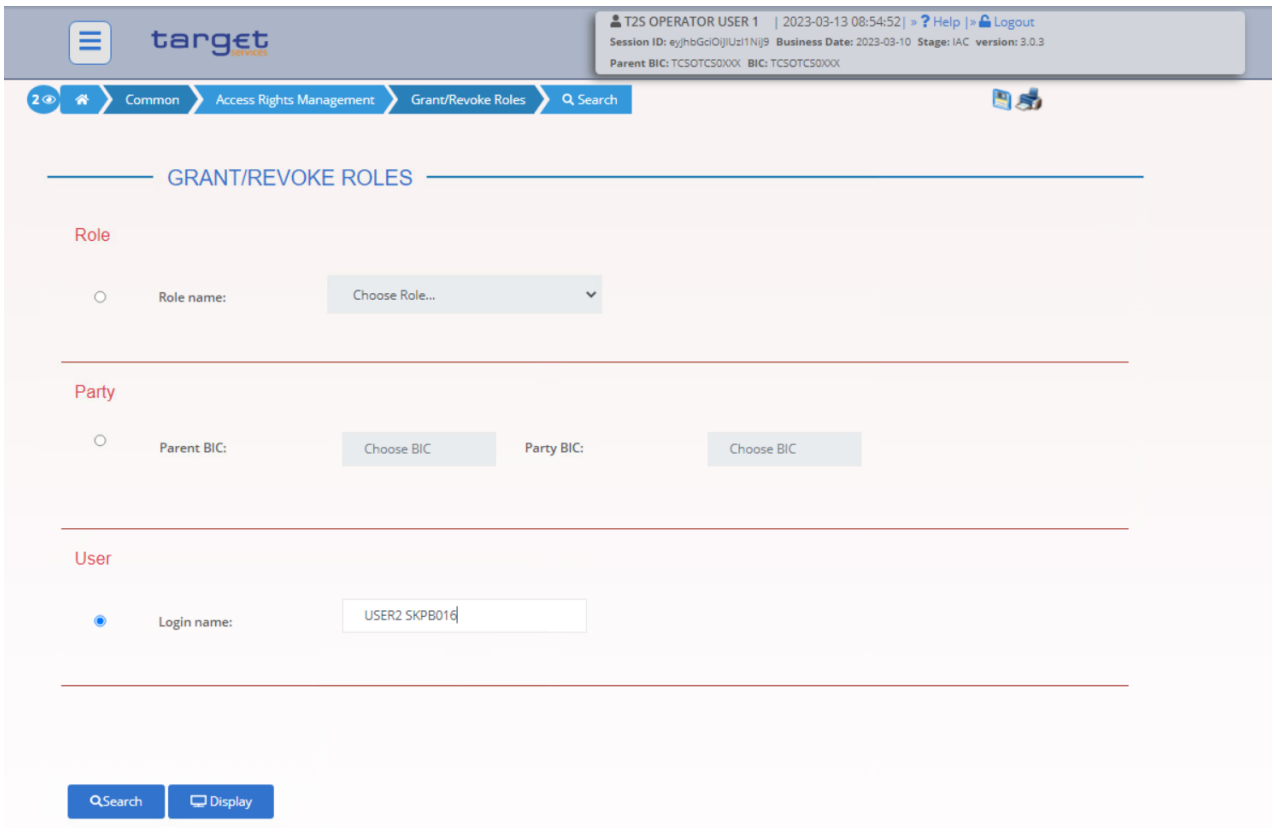
- Go to the Common / Access Rights Management / User Certificate Distinguished Name Links / New path and click on the **New** option. As an alternative path, go to the Common / Access Rights Management / User Certificate Distinguished Name Links / Search screen and click on the **New** button. Then insert the Login name of the User and the Certificate Distinguished Name you have created, then click on the **Submit** button¹⁷.
- **If the DN has not been flagged as Main User, the user will not be able to see TIPS GUI menu**

The screenshot shows the 'USER CERTIFICATE DISTINGUISHED NAME NEW' form in the Target system. The breadcrumb navigation is 'Common > Access Rights Management > User Certificate Distinguished Name Links > + New'. The form fields are: 'Login Name' with the value 'USER2 SKPB016', 'Certificate Distinguished Name' with the value 'CN=u2a-user2pb16, OU=test, OU=tips, O=trgxtwg, O=swift', and 'Default:' and 'Main User:' checkboxes, both of which are unchecked. On the right side of the form, there are three buttons: 'Submit', 'Reset', and 'Cancel'. A green notification box in the top right corner states: 'Request completed! Your request with id <950000000000781005> has been successfully submitted!'. The top header includes the 'target' logo, session information for 'T2S OPERATOR USER 1' (dated 2023-03-13 08:52:44), and a 'Logout' button.

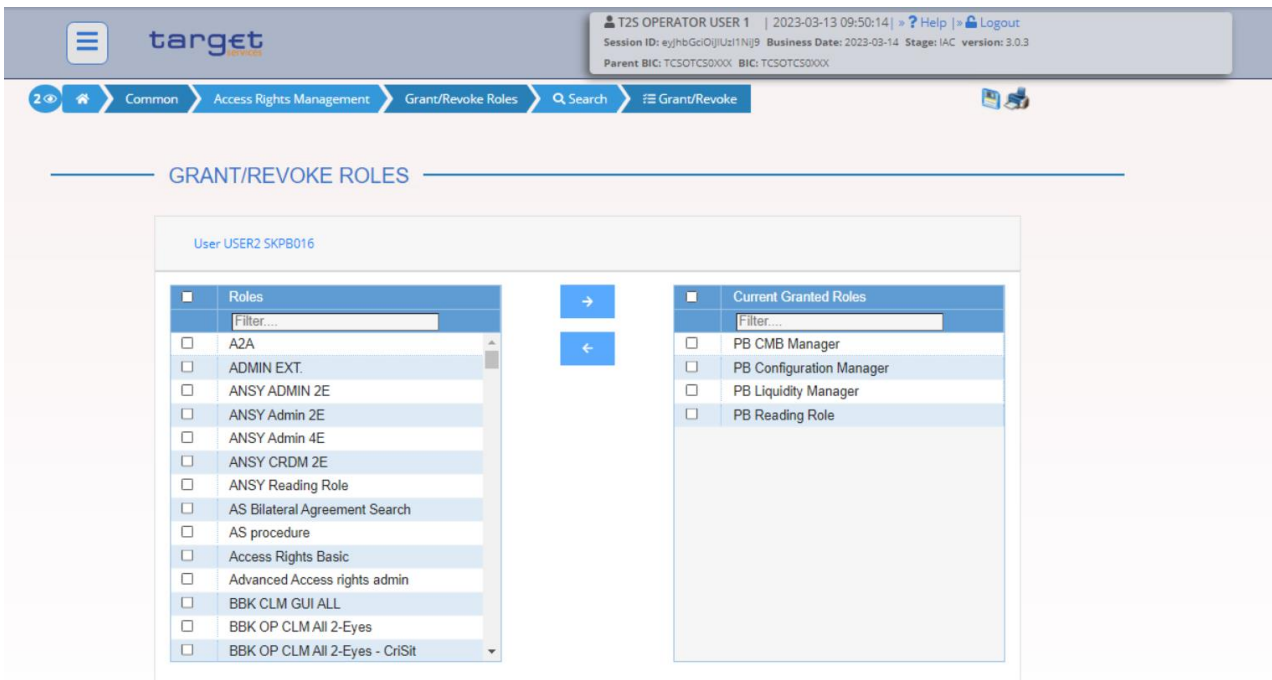
1.2.5 Grant Privileges via Roles to the User

- Go to Common / Access Rights Management / Grant/Revoke Roles / Search screen, select the Login name Radio button and choose the newly created user from the drop down menu, then click on the **Search** button.

¹⁷ DNs can be linked, via User-Certificate DN Links with Main User flag set to TRUE, to multiple Users. These Users can belong to different Payment Bank parties, but there can be only one User for each Payment Bank that is the Main User for a specific DN.



- Grant to the user the appropriate Roles



Alternatively, to grant the same Role to more Users at the same time:

- Go to the Common / Access Rights Management / Grant/Revoke Roles / Search screen and select the Role to be granted. Then click on the **Search** button
- Select one or multiple Users on the left side of the screen, then click on the upper arrow.
- The Role has been granted to the Users

1.2.6 Define an AAU for the Dedicated Cash Account or Ancillary System Technical Account

- Go to the Common / Cash / Authorised Account User / New path and click on the **New** option. As an alternative path, go to the Common / Cash / Authorised Account User / Search screen and click on the **New** button.
- Insert the data as shown in the screenshot below.

- The AAU has been created.
- **Please remember that BIC PBBKSKMM016 cannot be authorised for any other Account or CMB in the same validity period, while Account ISKEURPBBKSKMM016 can have more Accounts defined as AAU.**

1.2.7 Define a DN-BIC Routing configuration for the AAU

- Go to the Common / Network Configuration / DN BIC Routing / New path and click on the **New** option. As an alternative path, go to the Common / Network Configuration / DN BIC Routing / Search screen and click on the **New** button.
- Define the data as shown in the screenshot below and click on the **Submit** button.
- **This configuration is needed both to define DN's authorised to instruct payments and DN's authorised to receive payments on the Beneficiary side.**

- **Please consider that in case the Direction is Outbound there can be only one Distinguished Name linked to a specific BIC11 for a certain validity period. Please remember also that the BIC (mandatory) field only shows BIC that have an AAU already set.**
- **Moreover, the Distinguished Name must be linked via a User-Certificate DN link to an A2A user belonging to the party BIC used for the routing.**

The screenshot shows the 'DN-BIC ROUTING NEW' configuration page in the Target system. The interface includes a header with the 'target' logo and user information (NCBXSMMXXX User1, 2023-03-10 16:36:34). The main content area has a breadcrumb trail: Common > Network Configuration > DN-BIC Routing > Search > + New. The configuration fields are as follows:

- Distinguished Name:** dn-originator-pbbk16sk
- Direction:** Outbound (dropdown menu)
- Participation Type:** (dropdown menu)
- Valid From:** 2023-03-10 (calendar icon)
- Valid To:** yyyy-mm-dd (calendar icon)
- BIC (mandatory):** A list of BICs with checkboxes. The selected BIC is pbbkskmm0. Other visible BICs include PBBKSKMM004, PBBKSKMM005, PBBKSKMM006, PBBKSKMM007, PBBKSKMM008, PBBKSKMM009, PBBKSKMM012, PBBKSKMM014, PBBKSKMM015, and PBBKSKMM016.

On the right side, there are three circular buttons: a green '+' for 'Submit', a blue circular arrow for 'Reset', and a grey 'x' for 'Cancel'.

1.2.8 Define a CMB on a Cash Account

- The definition of a CMB is not mandatory, however, if a CMB has been created, then the relevant Limits have to be defined too (see also next step).
- Login as non-administrator user USER2 SKPB001 and go to the TIPS / Cash / Cash Accounts / New path and click on the **New** option. As an alternative path, go to the Common / Cash / Cash Accounts / Search screen and click on the **New** button.
- Define the new CMB under Cash Account ISKEURPBBKSKMM016 (whose Owner is the TIPS Participant) as shown on the screen below. Please remember that the Opening and Closing dates of the CMB cannot exceed the Validity dates of the Linked Account. CMB owner is TIPS Participant NCBXSMMXXX/PBBKSKMM016.
- **Moreover, in order for a CMB to be propagated to TIPS, its Opening Date must be equal to the business date following the one in which it is created, at the earliest; this is despite the fact that CRDM allows the Opening Date to be set to the current business date at the moment of the creation.**

CASH ACCOUNT NEW

Cash Account Number: ISKEURPBBKSKMM016CMB01 Account Type: TIPS Credit Memorandum Bale

Opening Date: 2023-03-15 Closing Date: yyyy-mm-dd

Parent BIC: NCBXSKMMXXX Party BIC: PBBKSKMM016

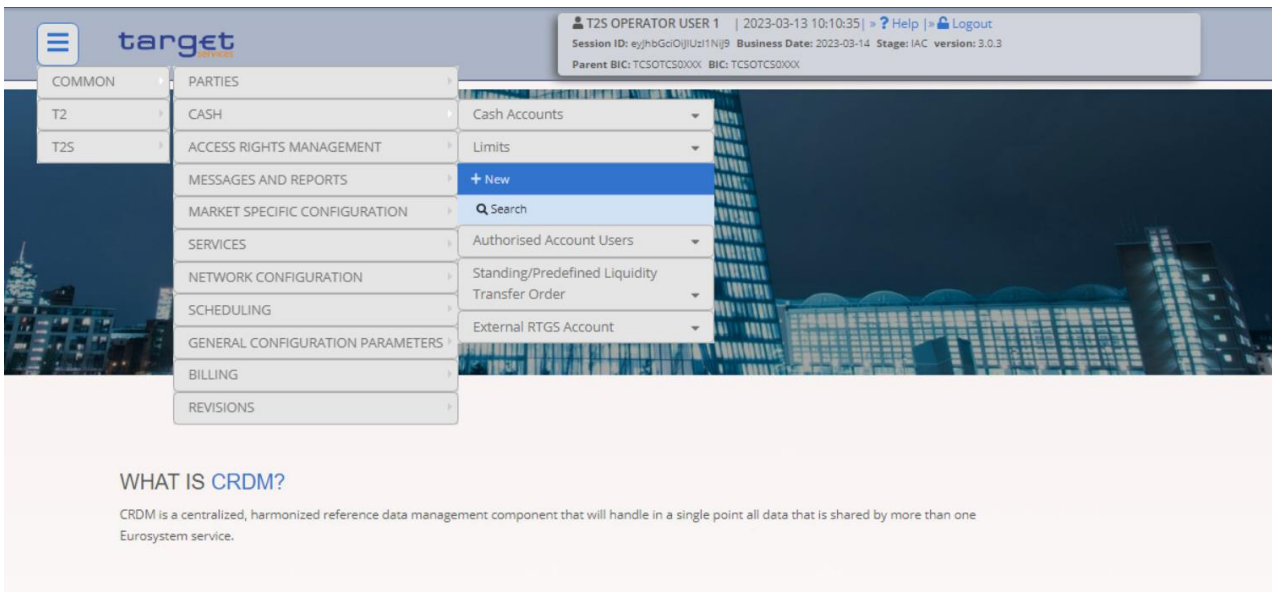
Floor notification Amount: Ceiling notification Amount:

Currency: Choose... Linked Account Type: Cash Account Linked Account Number: ISKEURPBBKSKMM016

Request completed! Your request with id <9500000000000781023> has been successfully submitted!

1.2.9 Define a Limit on the CMB

- The definition of a Limit is not mandatory, however, **if a CMB has been created, then the relevant Limits have to be defined too** (see also next step).
- Go to the TIPS / Cash / Limits / New path and click on the **New** option. As an alternative path, go to the Common / Cash / Limits / Search screen and click on the **New** button



- Insert the needed data as shown in the screenshot below, then click on the **Submit** button.
- **Please remember that in order to migrate the CMB data on TIPS (if the CMB has been created) it is compulsory to define a Limit.**
- In case the CMB must be unlimited, dedicated flag need to be selected as alternative to Limit Amount definition.

The screenshot shows the 'LIMIT NEW' form in the Target system. The form is titled 'LIMIT NEW' and has a breadcrumb trail: Common > Cash > Limits > Search > + New. The form fields are as follows:

- Limit Type: TIPS CMB Limit (dropdown)
- Cash Account Number: ISKEURPBBKSKMM016CMB01
- Authorised BIC: (empty field)
- Limit Amount: 50,000
- Valid From: 2023-03-14
- Valid To: yyyy-mm-dd
- To Account BIC: Choose BIC
- Unlimited:
- Time fields: 00 : 00
- Buttons: Submit (+), Reset (↺), Cancel (✕)

1.2.10 Define the Reachable Party as AAU for the CMB

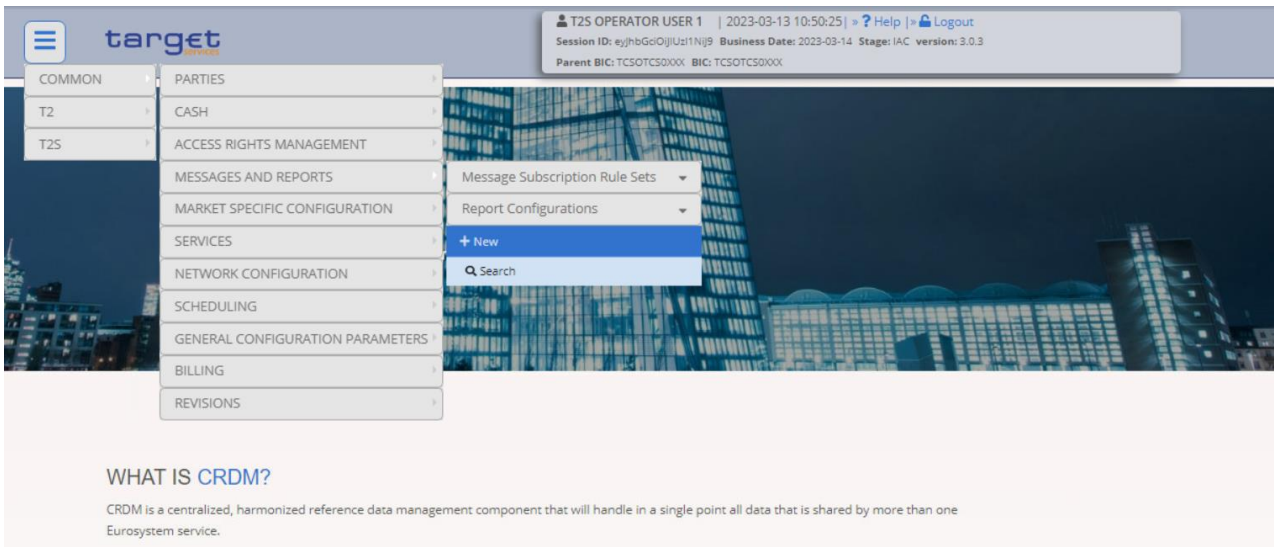
- Go to the TIPS / Cash / Authorised Accounts User New path and click on the **New** option. As an alternative path, go to the Common / Cash / Authorised Account User / Search screen and click on the **New** button.
- Insert the BIC of the AAU (in this case it's the BIC11 of the Reachable Party), the Cash Account number (in this case the CMB created in previous steps), then click on the **Submit** button.
Please remember that each BIC11 can be linked to only one TIPS Account or CMB.

The screenshot shows the 'AUTHORISED ACCOUNT USER NEW' form in the Target system. The form is titled 'AUTHORISED ACCOUNT USER NEW' and has a breadcrumb trail: Common > Cash > Authorised Accounts User > + New. The form fields are as follows:

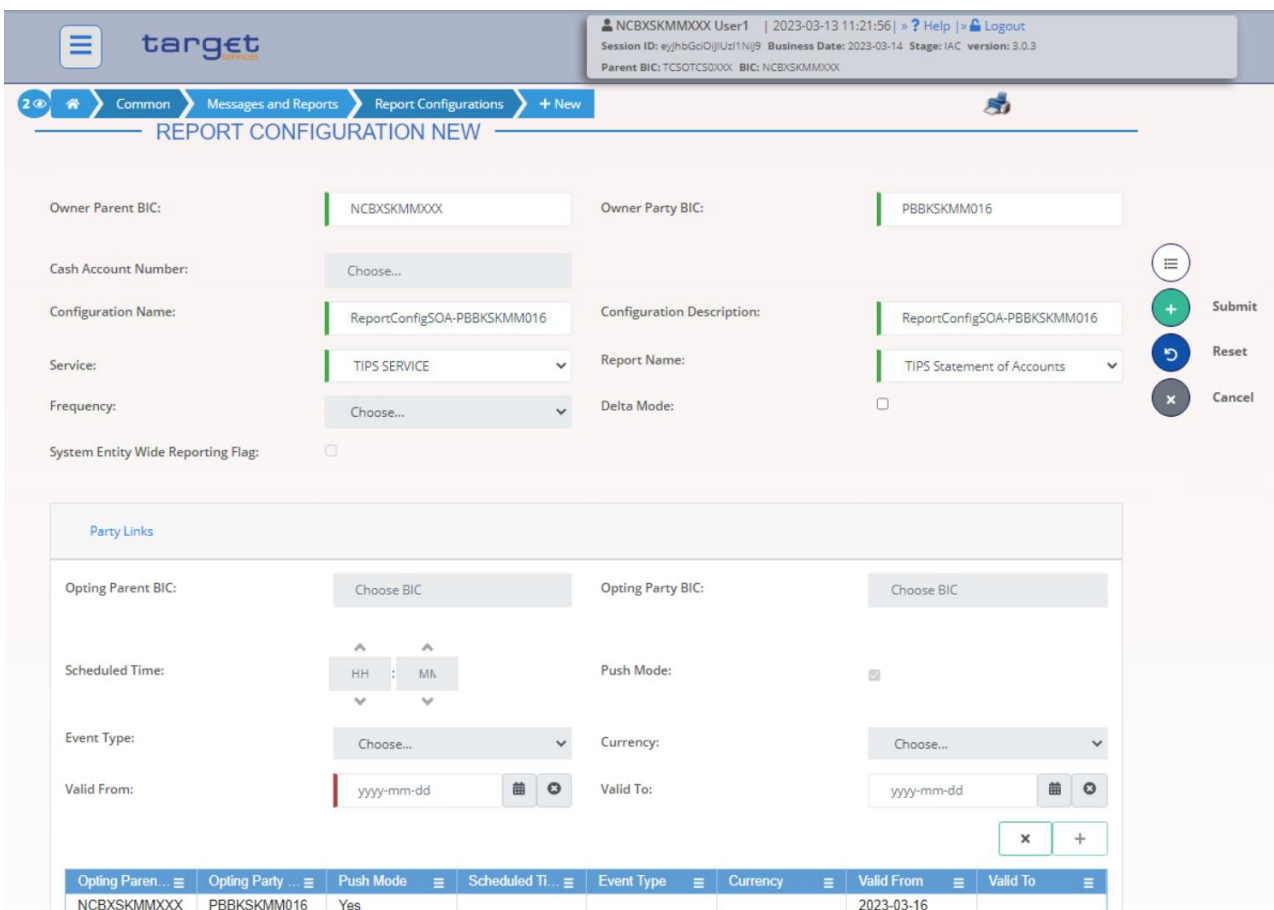
- Authorised Account User BIC: PBBKSKMM017
- Cash Account Number: ISKEURPBBKSKMM016CMB01
- Participation Type: (dropdown)
- Maximum IP Amount: (empty field)
- Valid From: 2023-03-15
- Valid To: yyyy-mm-dd
- Unlimited:
- Time fields: 00 : 00
- Buttons: Submit (+), Reset (↺), Cancel (✕)

1.2.11 Define a Report Configuration for the TIPS Participant or Ancillary System

- This step is optional (based on the actor needs)
 - Go to the Common / Messages and Reports / Report Configurations / New path and click on the **New** option. As an alternative path, go to the Common / Messages and Reports / Report Configurations / Search screen and click on the **New** button
- You can create configuration for the following types of reports: TIPS Statement of Accounts, TIPS Statement of Account Turnover, TIPS Directory and TIPS Directory Update.
- TIPS Actors who created a Report Configuration for TIPS Directory (either full and delta version) will receive only the records related to the currency of the Central Bank to which the TIPS Actor belongs to. Please note that the Routing configuration is needed for the TIPS Actor in order to correctly receive a configured Report.



- Insert the requested data as per screenshot below. It is worth highlighting that as a TIPS Participant user or Ancillary System user you can create a Report configuration for your Party only.



- The Report configuration has been created successfully.

target

NCBXSMMXXX User1 | 2023-03-13 11:35:24 | Help | Logout
 Session ID: eyjhbGdOjUz1Nj9 Business Date: 2023-03-14 Stage: IAC version: 3.0.3
 Parent BIC: TCSOTCS0XXX BIC: NCBXSMMXXX

Common Messages and Reports Message Subscription Rule Sets + New

MESSAGE SUBSCRIPTION RULE SET NEW

Name: MsgSubscriptRuleSet-PBBKSMMMC Description: MsgSubscriptRuleSet-PBBKSMMMC

Service: TIPS SERVICE

Valid From: 2023-03-16 Valid To: yyyy-mm-dd

Positive/Negative parameter set: Positive

Creator Parent BIC: TCSOTCS0XXX Creator Party BIC: NCBXSMMXXX

Submit
Reset
Cancel

Interested Parties

Parent BIC: Choose BIC Party BIC: Choose BIC Q Party

Parent BIC	Party BIC
NCBXSMMXXX	PBBKSMM016

Total rows: 1

- The Message Subscription Rule Set has been created for TIPS Participant.

target

NCBXSMMXXX User1 | 2023-03-13 11:37:47 | Help | Logout
 Session ID: eyjhbGdOjUz1Nj9 Business Date: 2023-03-14 Stage: IAC version: 3.0.3
 Parent BIC: TCSOTCS0XXX BIC: NCBXSMMXXX

Common Messages and Reports Message Subscription Rule Sets + New

MESSAGE SUBSCRIPTION RULE SET NEW

Name: MsgSubscriptRuleSet-PBBKSMMMC Description: MsgSubscriptRuleSet-PBBKSMMMC

Service: TIPS SERVICE

Valid From: 2023-03-16 Valid To: yyyy-mm-dd

Positive/Negative parameter set: Positive

Creator Parent BIC: TCSOTCS0XXX Creator Party BIC: NCBXSMMXXX

Submit
Reset
Cancel

Request completed! X
 Your request with id <950000000000782040> has been successfully submitted!

Interested Parties

Parent BIC: Choose BIC Party BIC: Choose BIC Q Party

Parent BIC	Party BIC
NCBXSMMXXX	PBBKSMM016

Total rows: 1

- Go to the Common / Messages and Reports / Message Subscription Rule Sets / Search screen, search for the newly created Message Subscription Rule Set and click on the **Details** button.

target

NCBXSMMXXX User1 | 2023-03-13 11:45:10 | Help | Logout
 Session ID: eyJhbGciOiJIUzI1Ni99 Business Date: 2023-03-14 Stage: IAC version: 3.0.3
 Parent BIC: TCSOTCS0XXX BIC: NCBXSMMXXX

Common Messages and Reports Message Subscription Rule Sets Search

MESSAGE SUBSCRIPTION RULE SET LIST

Status: Active

Service: TIPS SERVICE Name: MsgSubscriptRuleSet-PBBKSMM0

Valid From: From: yyyy-mm-dd Valid From: To: yyyy-mm-dd

Valid To: From: yyyy-mm-dd Valid To: To: yyyy-mm-dd

Positive/Negative Parameter Set: All

Interested Party: Parent BIC: Choose BIC Interested Party: Party BIC: Choose BIC

Search Reset + New

Status	Service	Rule Se...	Name	Valid Fr...	Valid To	Positive...	Creator...	Creator...	Interest...	Interest...
Active	TIPS SERVIC	500284140	MsgSubscript	2023-03-16	9999-12-31	Positive	TCSOTCS0X	NCBXSMMX	NCBXSMM	PBBKSMM0

Edit Delete Restore Details Revisions

- Click on the **Add rule** button under section **Rules**

target

NCBXSMMXXX User1 | 2023-03-13 11:46:36 | Help | Logout
 Session ID: eyJhbGciOiJIUzI1Ni99 Business Date: 2023-03-14 Stage: IAC version: 3.0.3
 Parent BIC: TCSOTCS0XXX BIC: NCBXSMMXXX

Common Messages and Reports Message Subscription Rule Sets Search Details

MESSAGE SUBSCRIPTION RULE SET DETAILS

Status: Active Service: TIPS SERVICE

Rule Set Id: 500284140 Name: MsgSubscriptRuleSet-PBBKSMM016

Description: MsgSubscriptRuleSet-PBBKSMM016 Positive/Negative parameter set: Positive

Valid From: 2023-03-16 Valid To: 9999-12-31

Creator Parent BIC: TCSOTCS0XXX Creator Party BIC: NCBXSMMXXX

Interested Parties

Parent BIC	Party BIC
NCBXSMMXXX	PBBKSMM016

Total rows: 1

Rules

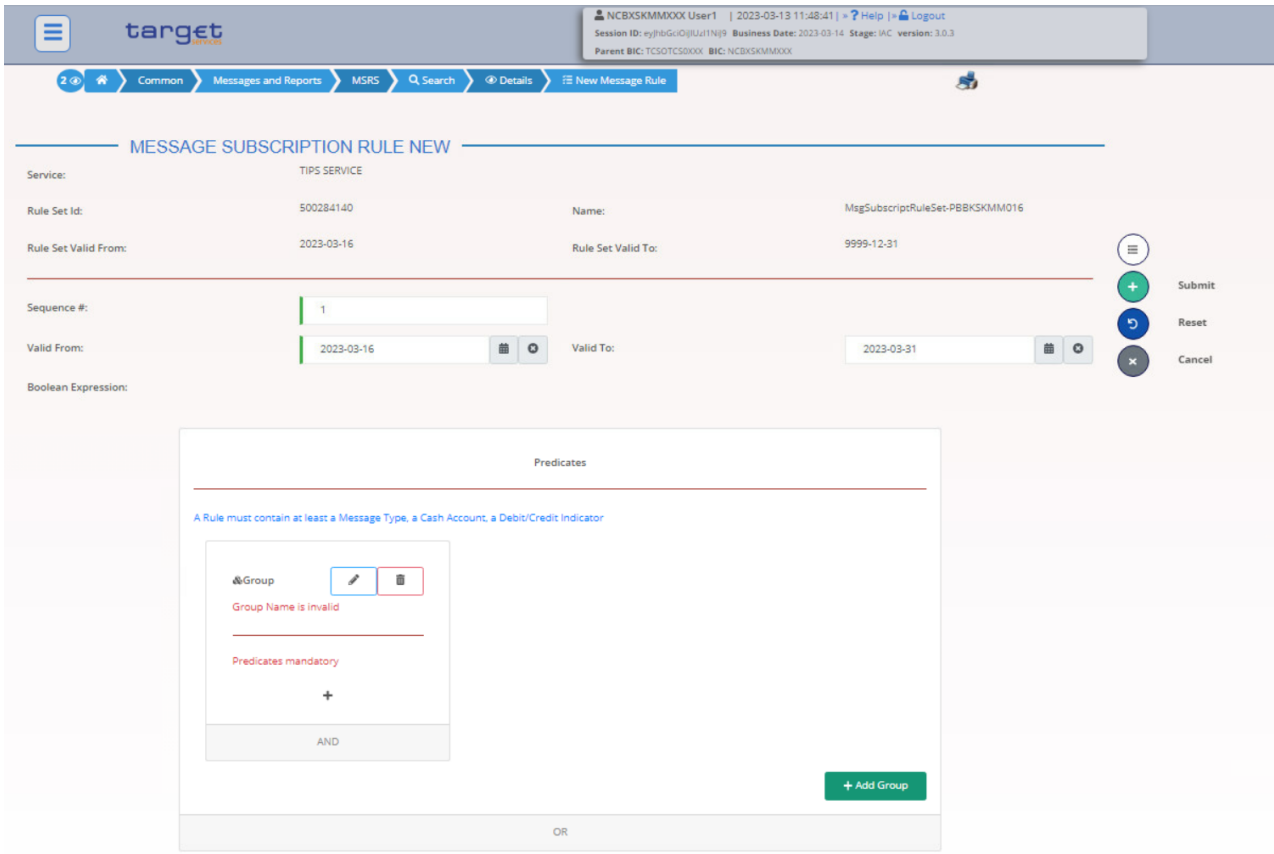
Status: Active

Status	Seq	Rule	Valid From	Valid To	Rule Boolean Expression
No Rows To Show					

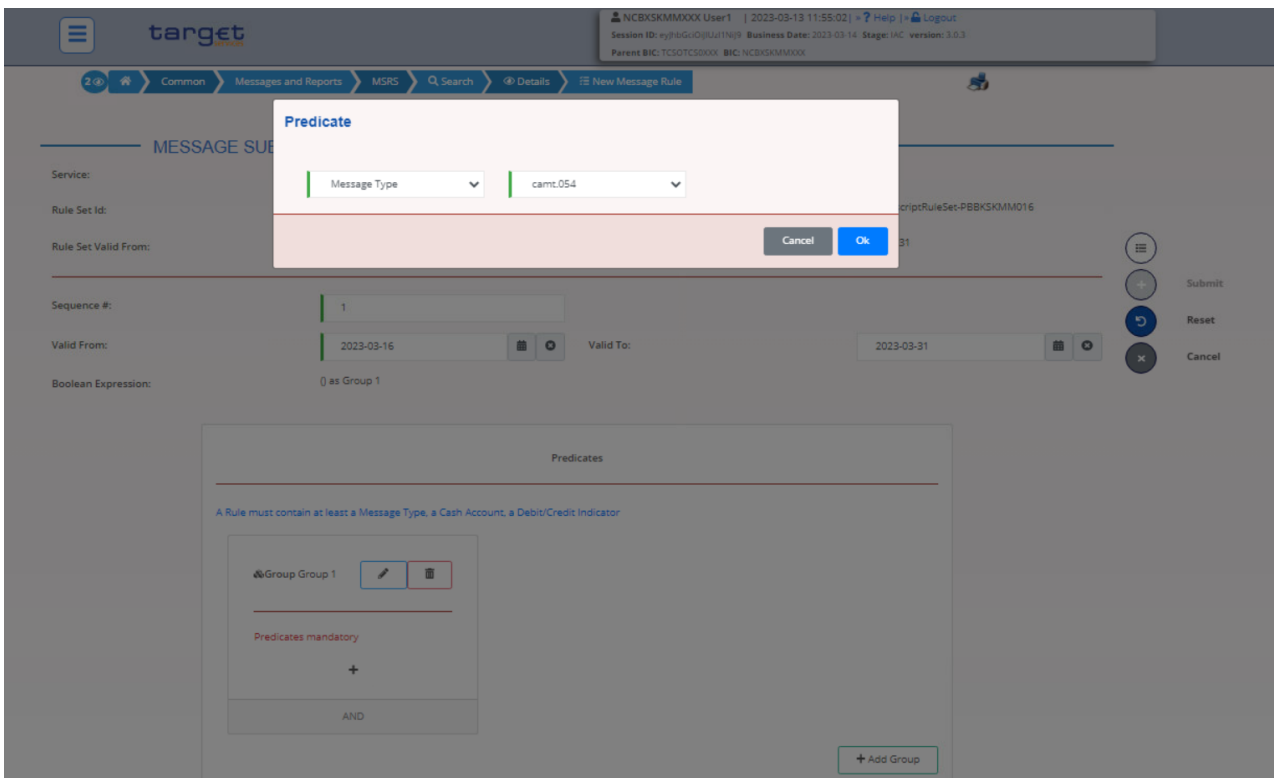
Total rows: 0

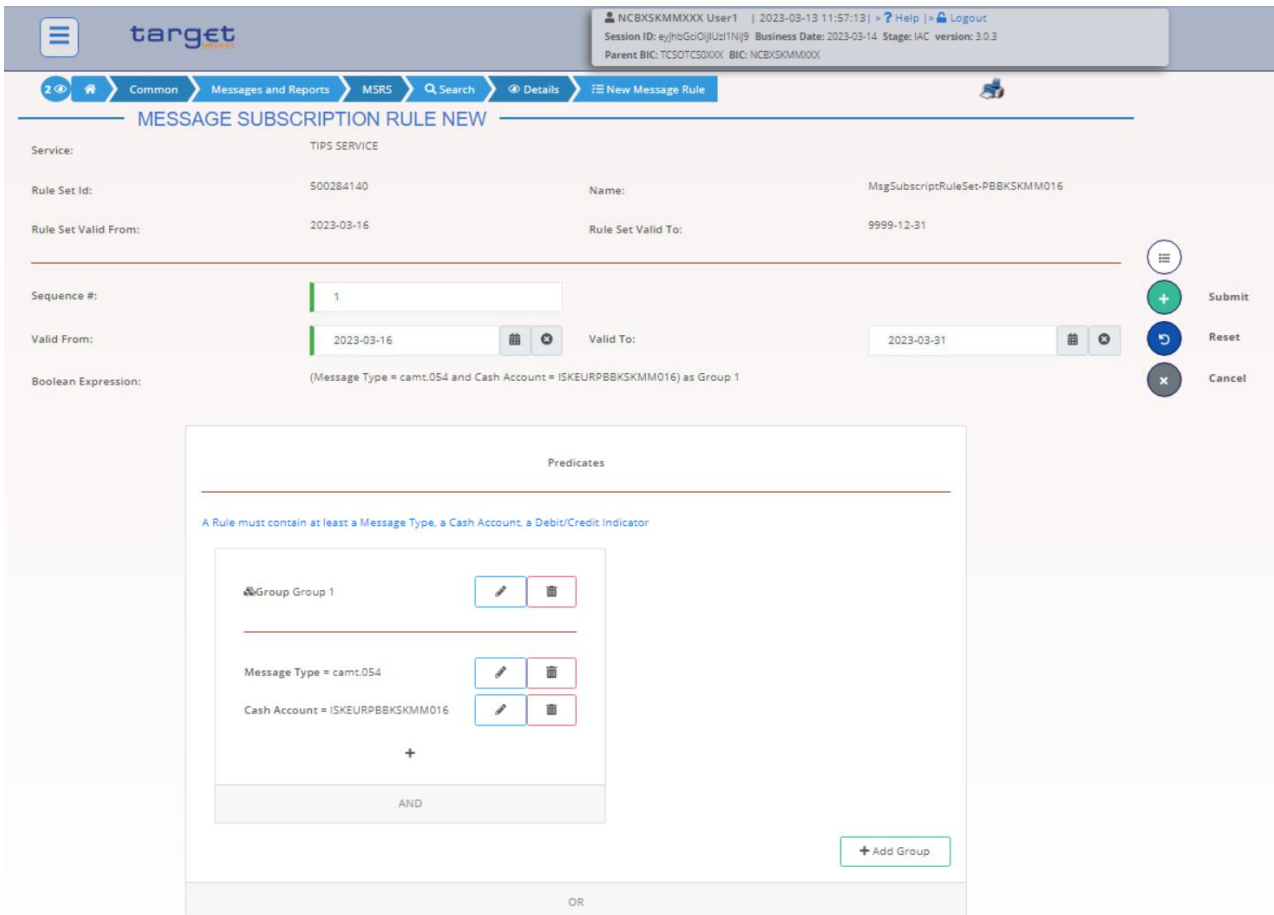
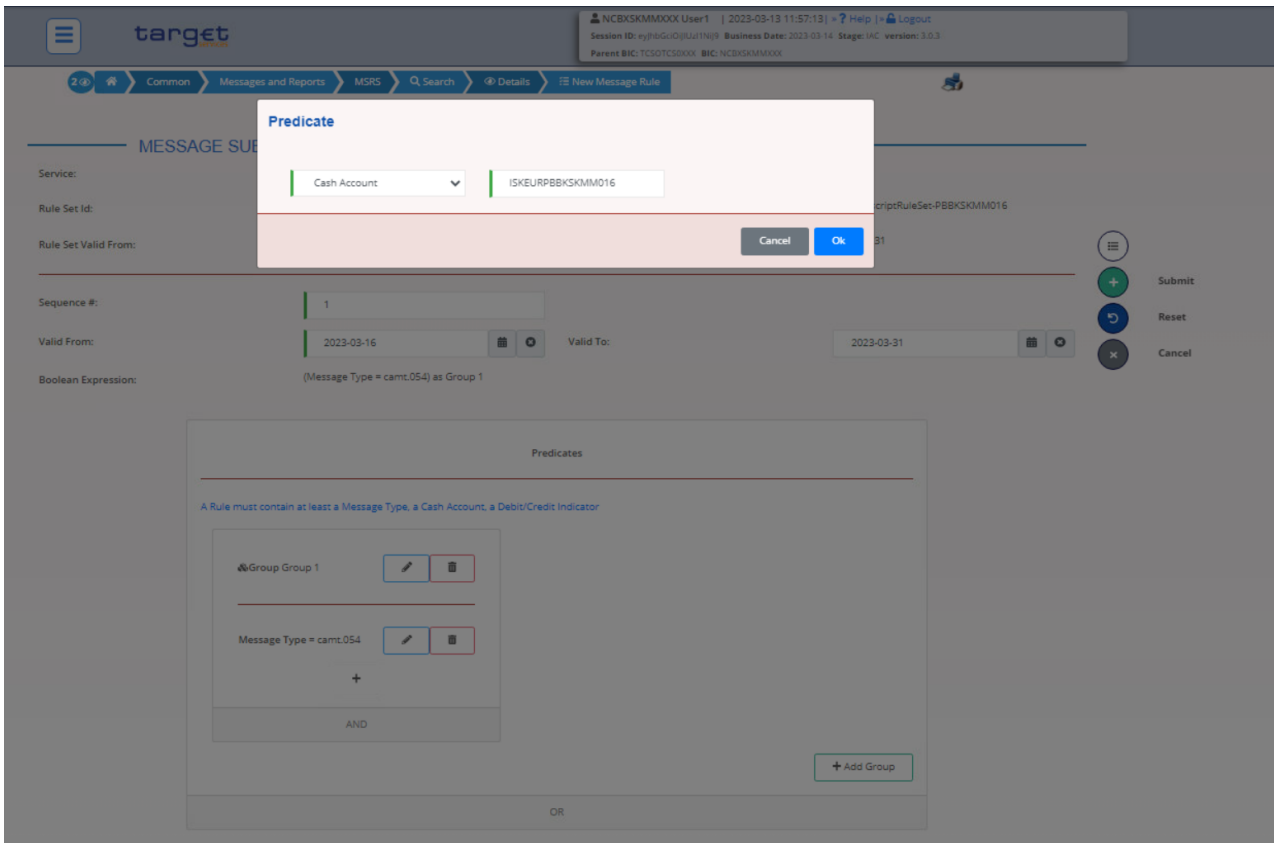
Revisions + Add Rule

- Then add the Sequence, Valid from and Valid to values, then click on the **Add Group** button.



- Define the **Group** name and then Click on the **+** icon. Then choose the Message type and the Cash Account from the drop down menu and click on the **Ok** button each time.





- Click on the **Submit** button.

- The Message Subscription Rule has been created. TIPS Participant NCBXSKMMXXX/PBBKSKMM016 will now receive payment notifications for the Cash Account ISKEURPBBKSKMM016 for which it is the owner.

The screenshot displays the 'MESSAGE SUBSCRIPTION RULE NEW' configuration interface. At the top, the Target logo and user information (TZS OPERATOR USER 1) are visible. The breadcrumb navigation shows 'Common > Messages and Reports > MSRS > Search > Details > New Message Rule'. The main form contains the following details:

- Service:** TIPS SERVICE
- Rule Set Id:** 500284140
- Name:** MsgSubscribeRuleSet-PBBKSKMM016
- Rule Set Valid From:** 2023-03-16
- Rule Set Valid To:** 9999-12-31
- Sequence #:** 1
- Valid From:** 2023-03-18
- Valid To:** 2023-03-31
- Boolean Expression:** (Message Type = camt.054 and Cash Account = ISKEURPBBKSKMM016) as Group 1

The 'Predicates' section is expanded, showing a list of conditions:

- Group Group 1
- Message Type = camt.054
- Cash Account = ISKEURPBBKSKMM016

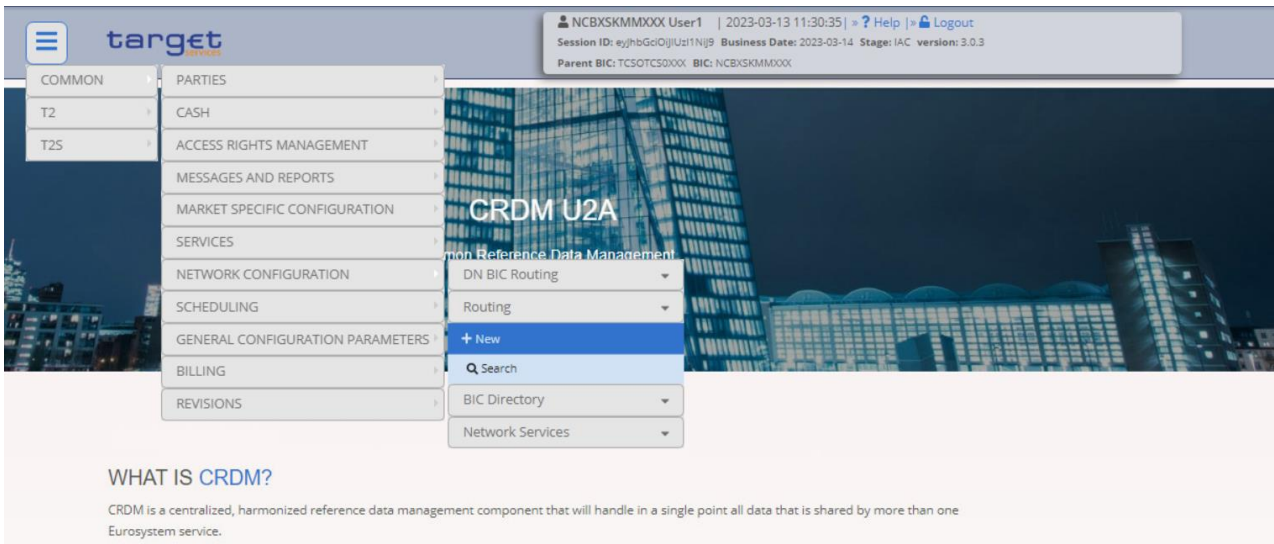
The conditions are connected by an 'AND' operator. A '+ Add Group' button is located at the bottom right of the predicate list.

A green notification box in the top right corner indicates: 'Request completed! Your request with id <9500000000000781040> has been successfully submitted!'.

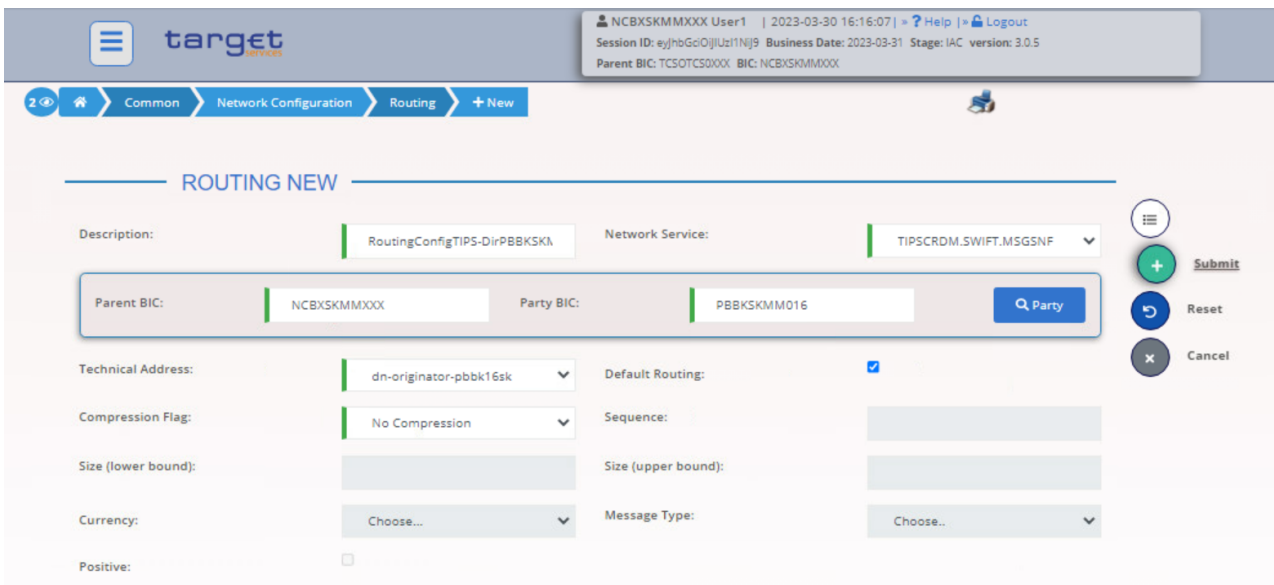
1.2.13 Define a Routing configuration for the TIPS Participant or Ancillary System

- This step is optional (based on the actor needs)
- Go to the Common / Network Configuration / Routing / New path and click on the **New** option. As an alternative path, go to the Common / Network Configuration / Routing / Search screen and click on the **New** button.
- Each Party can define a *default* routing configuration that is used when no specific routing conditions are defined for the same party and for a specific outgoing message (via *conditional* routing).
- Each *Routing* configuration enables the outbound communication for a Party via the relevant *Party Technical Address* and *Network Service*.

Two separate default Routing configurations linked to TIPSCRDM.XXX.MSGSNF (and TIPSCRDM.XXX.FILESNF) Network Service are needed for the TIPS Actor in order to correctly receive a configured Report/Repository that is sent by CRDM common component (i.e. TIPS Directory)



- Insert the requested data as per screenshot below. It is worth highlighting that as a TIPS Actor user you can create a *Routing* configuration for your *Party* only. When the *Network Service* is selected, a *Technical Address* will be included in the list of selectable items only if it is defined as *Party Technical Address* and linked to the specific *Network Service* via TANSL (*Technical Address-Network Service Link*) in the related *Party* configuration (see Section 1.1.1.)



- The Routing configuration has been created successfully.

Request completed! ✕
Your request with id <9500000000000800327> has been successfully submitted!

ROUTING NEW

Description:	RoutingConfigTIPS-DirPBBKSKL	Network Service:	TIPSCRDM.SWIFT.MSGSNF
Parent BIC:	NCBXSMMMXX	Party BIC:	PBBKSMMM016
Technical Address:	dn-originator-pbbk16sk	Default Routing:	<input checked="" type="checkbox"/>
Compression Flag:	No Compression	Sequence:	
Size (lower bound):		Size (upper bound):	
Currency:	Choose...	Message Type:	Choose..
Positive:	<input type="checkbox"/>		

- Submit
- Reset
- Cancel

Annex 1 – Central Bank roles

All Roles are now included in the list of Roles for Central Banks and Account Holders.