

TARGET2/T2S consolidation

TARGET Services registration form

Deutsche Bundesbank

TARGET Services registration form

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- 2 Static data to be recorded by participants in CRDM
- 3 Submission process and deadlines
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- 5 Excursus: Privileges/roles
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TARGET Services registration form – what's new?

- One form for all TARGET services
- One form per environment (production and test environment)
- No longer just a PDF form, but a completable Excel macro
- Objective: Creation of auto-completed DMT¹ tables
- Prerequisite: Excel macros must be enabled
- Also in the test environment: Use of live BICs

Existing static data in T2S/TIPS?

Existing accounts in T2S and TIPS are already included in CRDM and do not need to be recorded again in the form (a decision has not yet been made regarding the procedure for linking these accounts to the new MCAs).

Existing users in T2S and TIPS are already included in CRDM and may continue to be used. In some cases, these will need to be assigned new roles by the administrators at their own institution.

What restrictions apply?

Characters not included in the permissible character set¹ may not be used; e.g. umlauts (“ä”, “ö”, “ü”) and “ß”, exception: “@” for email addresses.

For technical reasons, only a limited number of accounts per form, per Authorised Account User² (AAU) and per Direct Debit Mandate can be entered using the input screens provided.

The following procedure must be used if additional accounts/AAUs/Direct Debit Mandates are to be entered:

- Accounts: Additional forms need to be submitted (form type “New/Add”)
- AAUs and Direct Debit Mandates: Workaround by uploading .txt files

¹ See CRDM UHB v2.0, Chapter 1.2.2.4.

² An Authorised Account User (AAU) provides a BIC that is authorised to use the associated DCA to settle payments.

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Static data to be recorded by participants in CRDM



Mandatory

- Set up users (all U2A and A2A users except admins)
 - Identify the business sender of an A2A message or identify the actor (U2A)
- Record the certificate distinguished name (DN) (except admin users)
- Record the user certificate distinguished name link (except admin users)
- Role assignment for all users
- Enter the DN-BIC routing (for all AAUs with “direct” and “multi addressee” participation types)¹

Optional

- Report configurations (e.g. BanktoCustomerStatement camt.053)
- Message subscription rule sets (e.g. BankToCustomerDebitCreditNotification camt.054)
- (Default) routing (required to receive reports)
- Target Amount After Breaching Floor/Target Amount After Breaching Ceiling
- Floor notification/Ceiling notification
- Account Monitoring Group
- Standing/predefined liquidity transfer order (required for rule-based LTs with regard to floor/ceiling)
- Standing order reservation
- Limits

¹ Only relevant for A2A.

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What do I need to do?

- 1 Send the registration form in Excel format to the relevant customer service team (KBS) via email.
- 2 **After confirmation from Bundesbank:** Use the print function in the Excel file to print and sign the form(s) (a PDF will be created).
- 3 Send the original of the signed form¹ to the relevant KBS² by post.

¹ The form/PDF and the Excel file must match.

² The postal and email addresses of the KBSs can be found at the end of this presentation.

Test environment

Submitting forms by email: **date will be communicated with publication of the registration form**

Submitting forms by post: **date will be communicated with publication of the registration form**

From **1 December 2021**: Bundesbank sets up party reference data, accounts, etc.

Thereafter¹: Participants capture additional reference data in CRDM and begin test activities

Production environment

Submitting forms: TBD

Capturing own reference data: From 14 September 2022

¹ We will inform participants of the start of this phase (after the Bundesbank has completed recording reference data).

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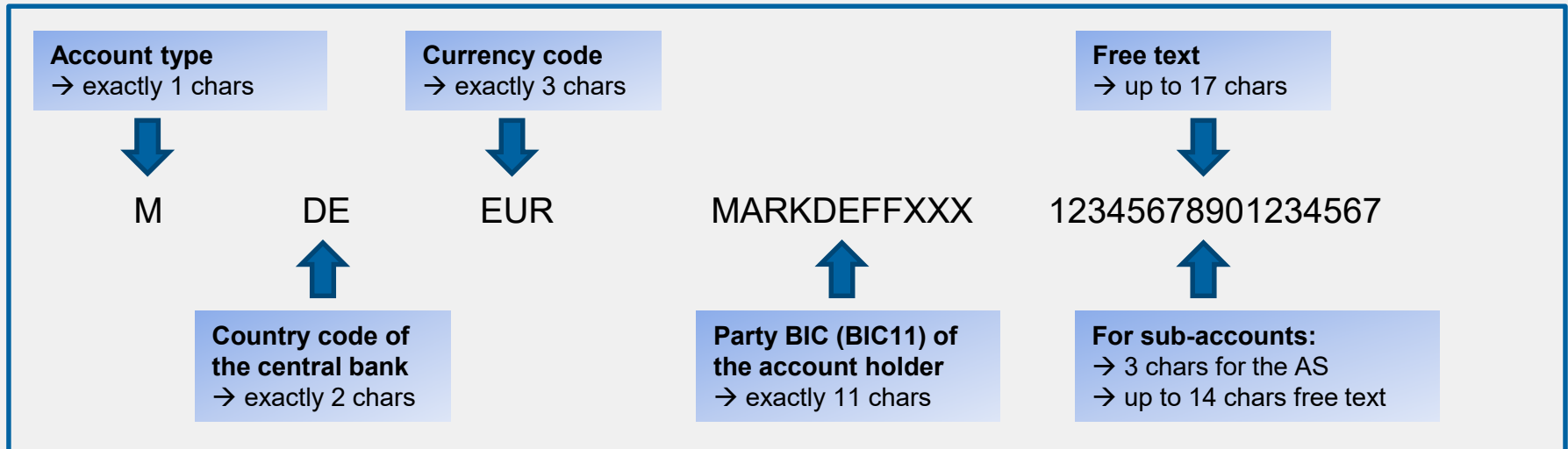
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Excursus: Naming conventions for T2 accounts

The structure of the **account numbers** oriented on the conventions already used for **T2S** and **TIPS**:



| Account | Account type |
|----------|--------------|
| MCA | M |
| RTGS DCA | R |
| T2S DCA | C |
| TIPS DCA | I |

| Account | Account type |
|--|--------------|
| Overnight Deposit Account | D |
| Marginal Lending Account (only until introduction of ECMS) | L |
| ECONS II | X |

| Account | Account type |
|-------------|--------------|
| Sub-account | U |

* In the case of accounts for the deposit facility or overnight credit, this is the party BIC of the institution for which the account was opened (the account holder in this case being the respective central bank).

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- Access rights management is based on the concept of privileges grouped into roles that are assigned to users (as in T2S and TIPS).
- For T2 existing roles may be changed and new roles will be added
- For most roles, it is possible to choose between two-eyes and four-eyes mode
- Information on roles and the privileges they contain can be found in Registration Guide Annex B [TARGET Services Registration and Onboarding Guide \(bundesbank.de\)](https://www.bundesbank.de/Target2/RegistrationGuide)
- The **Bundesbank creates a maximum of two U2A users per party** (so-called **admin users**). **These can create additional users** after they have assigned themselves all relevant roles. Beyond that, admin users do not have any further rights.

- **Privilege**

- A privilege identifies the capability for the execution of one or several user functions
- **CLM/RTGS-privileges** can only be granted to roles
- **CRDM-privileges** can be granted to roles and directly to a user
- Privileges will be granted in **2-or 4-eyes-mode** (queries always in 2-eyes-mode)
- Definition of further criteria possible (admin, deny)
- Contradicting privileges cannot be granted

- **Role**

- A role consists of **one or more privileges**
- Contradicting privileges cannot be grouped to a role
- Roles can only be created, maintained or deleted by **central banks**
- Creation of **harmonised roles on Eurosystem-level** (necessary deviations are allowed)
- Large parts of the CRDM-roles already exist (**T2S roles will be used**)

Does a participant need a role in 2-or 4-eyes mode?

- **Different treatment in CRDM and CLM/RTGS** regarding the allocation of privileges and roles
 - **CRDM** follows the **T2S-approach**
 - Pre-defined roles created by the central bank will be granted to the party – automatically also the **single privileges** are available
 - A privilege can be granted to a user directly
 - A privilege can be adapted by the participant (e.g. change from 2-eyes to 4-eyes-mode)
 - **CLM/RTGS** follow the **TIPS approach**
 - Pre-defined roles created by the Central Bank will be granted to the party –the **single privileges** are **not** available
 - A privilege can only be granted to roles
 - Only a role can be granted to a party/a user

Does a participant need a role in 2-or 4-eyes mode?

- As soon as a **CRDM function** shall be performed in **A2A** mode (e.g. creation of a standing order) the **role** has to be requested in **2-eyes mode**.
 - If this function shall be performed **in 4-eyes mode via U2A**, the payment bank has the **possibility to grant the single privilege in 4-eyes mode to a user**.
- If a CLM/RTGS function shall be performed via **A2A (2-eyes mode)** and in **U2A (4-eyes mode)** the payment bank has to **request the role in 4-eyes mode**.
 - **CLM/RTGS ignores the 4-eyes setting** when a request is sent via A2A.

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Excursus: Privileges/roles

Relevant roles for CLM

Roles ✕

Back

H) Roles

| | | | | |
|---|--|---|--|--|
| <input checked="" type="checkbox"/> Party Administrator | <input type="checkbox"/> Two-eyes mode | <input type="checkbox"/> Four-eyes mode | AH RTGS Backup Payment Manager | <input type="checkbox"/> Four-eyes mode |
| <input checked="" type="checkbox"/> AH Access Rights Administrator | <input type="checkbox"/> Two-eyes mode | <input type="checkbox"/> Four-eyes mode | <input checked="" type="checkbox"/> AH Data Warehouse User | <input type="checkbox"/> Two-eyes mode |
| AH T2S Reader (renaming the existing Reader role) | <input type="checkbox"/> Two-eyes mode | | AH TIPS CMB Set-up Manager | <input type="checkbox"/> Two-eyes mode <input type="checkbox"/> Four-eyes mode |
| <input checked="" type="checkbox"/> AH CRDM Reader | <input type="checkbox"/> Two-eyes mode | | AH Instant Payment Manager | <input type="checkbox"/> Two-eyes mode |
| <input checked="" type="checkbox"/> AH CRDM Configuration Manager | <input type="checkbox"/> Two-eyes mode | <input type="checkbox"/> Four-eyes mode | AH TIPS Liquidity Manager | <input type="checkbox"/> Two-eyes mode <input type="checkbox"/> Four-eyes mode |
| AH T2S Liquidity Manager (renaming the existing Liquidity Manager role) | <input type="checkbox"/> Two-eyes mode | <input type="checkbox"/> Four-eyes mode | AH TIPS Party Query | <input type="checkbox"/> Two-eyes mode |
| <input checked="" type="checkbox"/> AH CRDM Liquidity Manager | <input type="checkbox"/> Two-eyes mode | <input type="checkbox"/> Four-eyes mode | AH TIPS Reachable Party Query | <input type="checkbox"/> Two-eyes mode |
| <input checked="" type="checkbox"/> AH CLM Reader | <input type="checkbox"/> Two-eyes mode | | AH T2S CMB Manager | <input type="checkbox"/> Two-eyes mode <input type="checkbox"/> Four-eyes mode |
| <input checked="" type="checkbox"/> AH CLM Manager | <input type="checkbox"/> Two-eyes mode | <input type="checkbox"/> Four-eyes mode | AH TIPS CMB Manager | <input type="checkbox"/> Two-eyes mode <input type="checkbox"/> Four-eyes mode |
| AH RTGS Reader | <input type="checkbox"/> Two-eyes mode | | <input checked="" type="checkbox"/> AH CRDM Access | <input type="checkbox"/> Two-eyes mode |
| AH RTGS AS Manager | <input type="checkbox"/> Two-eyes mode | <input type="checkbox"/> Four-eyes mode | <input checked="" type="checkbox"/> AH ESMIG Access | <input type="checkbox"/> Two-eyes mode |
| AH RTGS Customer CT U2A | | <input type="checkbox"/> Four-eyes mode | AH ECONS 2 Manager | <input type="checkbox"/> Four-eyes mode |
| AH RTGS Inter-bank CT U2A | | <input type="checkbox"/> Four-eyes mode | AH ECONS 2 Reader | <input type="checkbox"/> Two-eyes mode |
| AH RTGS Liquidity Transfer Manager | | <input type="checkbox"/> Four-eyes mode | AH MPL Reader | <input type="checkbox"/> Two-eyes mode |
| AH RTGS Payment Manager | | <input type="checkbox"/> Four-eyes mode | AH T2S Collateral Manager | <input type="checkbox"/> Two-eyes mode <input type="checkbox"/> Four-eyes mode |
| AH RTGS Limit/Reservation Manager | <input type="checkbox"/> Two-eyes mode | <input type="checkbox"/> Four-eyes mode | | |

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Excursus: Privileges/roles

Relevant roles for CLM and RTGS

Roles

Back

H) Roles

| | | | | |
|---|-------------------------------------|--------------------------------------|--------------------------------|--------------------------------------|
| Party Administrator | <input type="radio"/> Two-eyes mode | <input type="radio"/> Four-eyes mode | AH RTGS Backup Payment Manager | <input type="radio"/> Four-eyes mode |
| AH Access Rights Administrator | <input type="radio"/> Two-eyes mode | <input type="radio"/> Four-eyes mode | AH Data Warehouse User | <input type="radio"/> Two-eyes mode |
| AH T2S Reader (renaming the existing Reader role) | <input type="radio"/> Two-eyes mode | | AH TIPS CMB Set-up Manager | <input type="radio"/> Two-eyes mode |
| AH CRDM Reader | <input type="radio"/> Two-eyes mode | | AH Instant Payment Manager | <input type="radio"/> Two-eyes mode |
| AH CRDM Configuration Manager | <input type="radio"/> Two-eyes mode | <input type="radio"/> Four-eyes mode | AH TIPS Liquidity Manager | <input type="radio"/> Two-eyes mode |
| AH T2S Liquidity Manager (renaming the existing Liquidity Manager role) | <input type="radio"/> Two-eyes mode | <input type="radio"/> Four-eyes mode | AH TIPS Party Query | <input type="radio"/> Two-eyes mode |
| AH CRDM Liquidity Manager | <input type="radio"/> Two-eyes mode | <input type="radio"/> Four-eyes mode | AH TIPS Reachable Party Query | <input type="radio"/> Two-eyes mode |
| AH CLM Reader | <input type="radio"/> Two-eyes mode | | AH T2S CMB Manager | <input type="radio"/> Two-eyes mode |
| AH CLM Manager | <input type="radio"/> Two-eyes mode | <input type="radio"/> Four-eyes mode | AH TIPS CMB Manager | <input type="radio"/> Two-eyes mode |
| AH RTGS Reader | <input type="radio"/> Two-eyes mode | | AH CRDM Access | <input type="radio"/> Two-eyes mode |
| AH RTGS AS Manager | <input type="radio"/> Two-eyes mode | <input type="radio"/> Four-eyes mode | AH ESMIG Access | <input type="radio"/> Two-eyes mode |
| AH RTGS Customer CT U2A | | <input type="radio"/> Four-eyes mode | AH ECONS 2 Manager* | <input type="radio"/> Four-eyes mode |
| AH RTGS Inter-bank CT U2A | | <input type="radio"/> Four-eyes mode | AH ECONS 2 Reader* | <input type="radio"/> Two-eyes mode |
| AH RTGS Liquidity Transfer Manager | | <input type="radio"/> Four-eyes mode | AH MPL Reader | <input type="radio"/> Two-eyes mode |
| AH RTGS Payment Manager | | <input type="radio"/> Four-eyes mode | AH T2S Collateral Manager | <input type="radio"/> Two-eyes mode |
| AH RTGS Limit/Reservation Manager | <input type="radio"/> Two-eyes mode | <input type="radio"/> Four-eyes mode | | <input type="radio"/> Four-eyes mode |

Reset

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Technical address

Attributes (cn, ou, o) in lower case

No spaces after commas

SWIFT example: cn=appl,ou=t2,o=abcdxxyy,o=swift

SIA example: cn=appl,ou=t2,ou=cert,ou=tips,o=12345,dc=sianet,dc=sia,dc=eu

U2A DN

Attributes (CN, OU, O) in upper case

Spaces after commas

SWIFT example: CN=Joe-Bloggs, OU=t2, O=abcdxxyy, O=swift

SIA example: CN=Max Mustermann, OU=U2A, O=12345, DC=sianet, DC=sia, DC=eu

A2A DN

Attributes (CN, O, O) in upper case

No spaces after commas

SWIFT example: CN=appl,OU=t2,O=abcdxyy,O=swift

SIA example: CN=appl,OU=t2,OU=cert,OU=tips,O=12345,DC=sianet,DC=sia,DC=eu

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Customer service team (KBS) addresses



| KBS | Address | Email address for submitting forms | Telephone |
|---------------------|---|------------------------------------|----------------------|
| KBS BBB, Berlin | Leibnizstrasse 10 10625 Berlin | kbs-bbb-t2-forms@bundesbank.de | +49 (0)30 3475 2674 |
| KBS BNS, Hanover | Georgsplatz 5 30159 Hanover | kbs-bns-t2-forms@bundesbank.de | +49 (0)511 3033 2343 |
| KBS BW, Stuttgart | Theodor-Heuss-Strasse 20 70174 Stuttgart | kbs-bw-t2-forms@bundesbank.de | +49 (0)722 9442929 |
| KBS BY, Munich | Leopoldstrasse 234 80807 Munich | kbs-by-t2-forms@bundesbank.de | +49 (0)89 2889 2929 |
| KBS H, Frankfurt | Taunusanlage 5 60329 Frankfurt am Main | kbs-h-t2-forms@bundesbank.de | +49 (0)69 9566 2929 |
| KBS HMS, Hamburg | Willy-Brandt-Strasse 73 20459 Hamburg | kbs-hms-t2-forms@bundesbank.de | +49 (0)40 3707 2929 |
| KBS NRW, Düsseldorf | Berliner Allee 14 40212 Düsseldorf | kbs-nrw-t2-forms@bundesbank.de | +49 (0)211 8742929 |
| KBS RS, Mainz | Hegelstrasse 65 55122 Mainz | kbs-rs-t2-forms@bundesbank.de | +49 (0)6131 3772929 |
| KBS STH, Leipzig | Karl-Liebknecht-Strasse 141a 04275 Leipzig | kbs-sth-t2-forms@bundesbank.de | +49(0)341 8601401 |

Please send general enquiries as normal to “kbs-...@bundesbank.de”.

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TARGET Services Registration and Onboarding Guide V1.0:

[TARGET Services Registration and Onboarding Guide \(bundesbank.de\)](#)

CRDM User Handbook V2.0:

[T2-T2S User Handbook v2.0 – Common Reference Data Management \(CRDM\) \(bundesbank.de\)](#)

