Test ID: TIPS-BBK-0010
Function: Create Liquidity Transfer Order
Test category: HIGHLY RECOMMENDED

Apply to: Directly Connected TIPS DCA Holder

Preconditions: Owning the following privilege:
- TIP_LiquidityTransfer

A DCA is open for the participant and has sufficient liquidity

Description: In the screen
Liquidity Transfer >> New screen >>
Press the button “New” in the bottom frame
Fill in the following fields and push the button “Submit”

Expected results: A new liquidity transfer is created.

References: TIPS-UDFS 1.5.3.2. Outbound Liquidity Transfer
TIPS-UHB 4.4.1.1. Liquidity Transfer - New screen
**Test ID**  TIPS-BBK-0020

**Function**  Creation of a Business User

**Test category**  HIGHLY RECOMMENDED

**Apply to**  Directly Connected TIPS DCA Holder

**Preconditions**  The user has the following privileges:

- ARM_CreateUser
- ARM_UpdateUser
- ARQ_T2SSysUserQueryT2SActorQuery

**Description**  A user is a static data object that allows an individual or an application to interact with TIPS.

In the TIPS GUI Screen:

- Common >> Access Rights Management >> Users >> Users – search/list screen >> Click on the new or edit button
- Common >> Access Rights Management >> Users >> Users – search/list screen >> Click on the search and/or details button >> User – details screen >> Click on the edit button

**Expected results**  A user belonging to the relevant party is created.

*Remark: this test case does not allow the user to perform any action in TIPS, three further steps are still necessary:*

Create Certificate DN.

Create User Certificate DN Link.

Grant business privileges or roles to the business user.

**References**

- TIPS-CRDM-UHB 2.3.3.13 User - New/Edit Screen
- TIPS-CRDM-UHB 3.2.2.1 Create a new User
- TIPS-UDFS 1.2. Access to TIPS
**Test ID**  
TIPS-BBK-0030

**Function**  
Deletion of a Business User

**Test category**  
HIGHLY RECOMMENDED

**Apply to**  
Directly Connected TIPS DCA Holder

**Preconditions**  
The user to be deleted must not be linked to a certificate DN.
The user performing the action has the following privileges:
- ARQ_T2SSysUserQueryT2SActorQuery
- ARM_DeleteUser

**Description**  
In the TIPS GUI Screen
1. Go to:
   - Common >> Access Rights Management >> Users
2. Filter with the relevant parameters and click on Search
3. Select the relevant user
4. Click on delete and confirm

**Expected results**  
The user is deleted.

**References**  
- TIPS-CRDM-UHB 2.3.3.12 Search/List Screen
- TIPS-UDFS 1.2. Access to TIPS
**Test ID**  
TIPS-BBK-0040  

**Function**  
Update of a Business User  

**Test category**  
HIGHLY RECOMMENDED  

**Apply to**  
Directly Connected TIPS DCA Holder  

**Precoditions**  
The user performing the action has the following privileges:  
ARM_CreateUser  
ARM_UpdateUser  

**Description**  
In the TIPS GUI Screen:  

1) In the TIPS GUI screen Static Data >> Access Rights >> Users >> Users – search/list screen >> Click on the new or edit button  

2) Static Data >> Access Rights >> Users >> Users – search/list screen >> Click on the search and/or details button >> User - details screen >> Click on the edit button  

3) Select the user to be updated and click on the edit button  

4) Modify the relevant data and click on submit.  

**Expected results**  
The user is updated with the new features.  

**References**  
TIPS-UHB 2.3.3.12 User - Details Screen  
TIPS-UDFS 1.2. Access to TIPS
**Test ID**  TIPS-BBK-0050

**Function**  Create Certificate Distinguished Name

**Test category**  HIGHLY RECOMMENDED

**Apply to**  Directly Connected TIPS DCA Holder

**Preconditions**  The user performing the action has the following privileges:
- ARQ_CertificateDNQuery
- ARM_CreateCertificateDN

**Description**  In the TIPS GUI Screen:

1. Go to the *certificate distinguished name – search/list* screen:
   - Common >> Access Rights Management >> Certificate Distinguished Name
2. Click on the *new* button.
   - The *certificate distinguished name – new* screen is displayed.
3. Enter all mandatory information in the ‘Certificate Distinguished Name’ field
4. Click on Submit

**Expected results**  The Certificate Distinguished Name is created but not linked to a user.

**References**  TIPS-CRDM-UHB 3.2.2.2. Create a New User Certificate Distinguished Name
**Test ID**  
TIPS-BBK-0060

**Function**  
Deletion of Certificate Distinguished Name

**Test category**  
HIGHLY RECOMMENDED

**Apply to**  
Directly Connected TIPS DCA Holder

**Preconditions**  
The user performing the action has the following privileges:

- ARM_DeleteCertificateDN
- ARQ_CertificateDNQuery

**Description**  
In the TIPS GUI Screen:

2. Filter with the relevant parameters and click on Search
3. Select the relevant certificate DN
4. Click delete

**Expected results**  
The certificate Distinguished Name is deleted.

**References**  
TIPS-CRDM-UHB 2.3.3.1 Certificate Distinguished Names Search/List Screen
<table>
<thead>
<tr>
<th><strong>Test ID</strong></th>
<th><strong>TIPS-BBK-0070</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Function</strong></td>
<td>Create Certificate Distinguished Name Link</td>
</tr>
<tr>
<td><strong>Test category</strong></td>
<td>HIGHLY RECOMMENDED</td>
</tr>
<tr>
<td><strong>Apply to</strong></td>
<td>Directly Connected TIPS DCA Holder</td>
</tr>
</tbody>
</table>

**Preconditions**
The user and the certificate DN previously created.  
The user performing the action has the following privileges:

- ARM_CreateUserCertifcDNLink
- ARQ_UserCertifDNLinkQuery

**Description**
In the TIPS GUI Screen:

1. Go to the user certificate distinguished name links – search/list screen:  
   Common >> Access Rights >> User Certificate Distinguished Name Links  
2. Click on the new button.  
   The user certificate distinguished name link – new screen is displayed.  
3. Enter all mandatory information in the ‘User Certificate Distinguished Name Links’ frame.  
4. Click on the submit button

**Expected results**
The Certificate Distinguished Name is now linked to the user so it can access to the system via the interface.

**References**
TIPS-CRDM-UHB 3.2.2.3. Create a New User Certificate Distinguished Name Link
<table>
<thead>
<tr>
<th><strong>Test ID</strong></th>
<th>TIPS-BBK-0080</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Function</strong></td>
<td>Delete User Certificate Distinguished Name Link</td>
</tr>
<tr>
<td><strong>Test category</strong></td>
<td>HIGHLY RECOMMENDED</td>
</tr>
<tr>
<td><strong>Apply to</strong></td>
<td>Directly Connected TIPS DCA Holder</td>
</tr>
</tbody>
</table>

**Preconditions**  
The user performing the action has the following privileges:  
ARM_DeleteUserCertifcDNLink  
ARQ_UserCertifDNLinkQuery

**Description**  
In the TIPS GUI Screen:

1. Go to User Certificate Distinguished Name Links  
Common >> Access Rights Management >> User Certificate Distinguished Name Links  
2. Filter with the relevant parameters and click on Search  
3. Select the relevant user and certificate  
4. Click on delete and confirm

**Expected results**  
The link user-Certificate Distinguished Name is deleted

**References**  
TIPS-CRDM-UHB 2.3.3.14. User Certificate Distinguished Name Links Search/List Screen
**Test ID**  
TIPS-BBK-0090

**Function**  
Grant role to a User

**Test category**  
HIGHLY RECOMMENDED

**Apply to**  
Directly Connected TIPS DCA Holder

**Preconditions**  
To grant a role to a user, you must own that role.
You can only grant a role to a user that belongs to your party. Privileges:
- ARQ_GrantedRolesListQuery
- ARM_GrantRole

**Description**

In the TIPS GUI Screen:
1) Go to the granted roles – search screen:
   Common >> Access Rights Management >> Grant/Revoke Roles
2) Enter the login name of the relevant user in the ‘User’ subframe and click on the search button.
3) Select the role(s) you want to grant to the user in the ‘Roles’ frame
4) Click on the arrow (pointing to the right) icon.

**Expected results**
The role is granted to the user.

**References**
- TIPS-CRDM-UHB 2.3.3.6 Grant/Revoke Role - New/Edit Screen
- TIPS-UHB 3.4.2 Roles
- TIPS-UDFS 1.2.3. Access rights
**Test ID**  TIPS-BBK-0100  
**Function**  Revoke a role from a User  
**Test category**  HIGHLY RECOMMENDED  
**Apply to**  Directly Connected TIPS DCA Holder  

**Preconditions**  The user has previously been granted with the role that will be revoked  
**Privileges:**  
- ARQ_GrantedRolesListQuery  
- ARM_GrantRole  

**Description**  In the TIPS GUI Screen:  
1) Go to the granted roles – search screen:  
   *Common >> Access Rights Management >> Grant/Revoke Roles*  
2) Enter the login name of the relevant user in the ‘User’ subframe and click on the search button.  
3) Select the role(s) to revoke from the user in the granted roles frame  
4) Click on the arrow (pointing to the left) icon.  
5) Confirm  

**Expected results**  The role is revoked from the user.  

**References**  
- TIPS-CRDM-UHB 2.3.3.6. Grant/Revoke Role – New/Edit Screen  
- TIPS-UHB 3.4.2 Roles  
- TIPS-UDFS 1.2.3. Access rights
**Test ID**  TIPS-BBK-0110

**Function**  Creation of (CMB) Limit

**Test category**  HIGHLY RECOMMENDED

**Apply to**  Directly Connected TIPS DCA Holder

**Preconditions**

Privilege Code (CRDM) :
- DCA_CreateLimit
- DCA_UpdateLimit
- DCA_DeleteLimit
- DCQ_LimitQuery

Privilege Code (TIPS)
- TIP_Query
- TIP_QueryReachable
- TIP_AdjustCMBLimit

New (CMB) Limit should be created

**Description**

Go to the screen within CRDM (non-immediate effect):

TIPS >> Cash >> Limit >> Limit – search/list screen >> Click on the new or edit button

1. Click on the new button
2. Select relevant DCA
3. Enter all mandatory information
4. Press “Submit”

Go to the screen within TIPS (immediate effect)
Credit Memorandum Balance >> Search/display screen >> Click on the Search button

**Expected results**

New (CMB) Limit is created

**References**

TIPS-CRDM-UHB 2.3.2.2. Limit – New/Edit Screen

TIPS-UDFS 1.5.4.3. Limit management

TIPS-UHB 4.3.1 CMB Limit modification
<table>
<thead>
<tr>
<th><strong>Test ID</strong></th>
<th><strong>TIPS-BBK-0120</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Function</strong></td>
<td>Set up of a lower/upper threshold (floor-/ceiling limit) and receiving a corresponding notification</td>
</tr>
<tr>
<td><strong>Test category</strong></td>
<td>Optional</td>
</tr>
<tr>
<td><strong>Apply to</strong></td>
<td>Directly Connected TIPS DCA Holder</td>
</tr>
</tbody>
</table>

| **Preconditions** | Submit the Form 8100 with a corresponding floor and ceiling amount  
Owning the following Privilege:  

TIP_LiquidityTransfer  
Liquidity on DCA account at the beginning should be higher than the floor amount  
Inserted Liquidity Transfer should decrease the DCA-Balance below the floor amount  
Inserted Liquidity Transfer (from PM Account) should increase the DCA-Balance below the ceiling amount |

| **Description** | User to setup a Floor/Ceiling notification request. User able to handle the notification received from TIPS Setup |

| **Expected results** | Floor/Ceiling limits created  
Ability to receive a floor-/ceiling notification (camt.004ReturnAccount). |

| **References** | TIPS-UDFS 2.6. Notifications  
TIPS-UDFS 3.3.2.2.2. ReturnAccount (camt.004.001.07) |