

Set up A2A User and DN-BIC Routing

Disclaimer: this one-pager 1.1 is based on the frequently asked questions to give you general information. It will be updated if necessary.

- 0 In general, A2A user is required to be able to send (and receive) swift messages. There are two Distinguished Names (DN's) involved for a correct set-up:**
- A2A-DN:** is Application-to-Application Distinguished Name used to sign the payload of a message e.g. pacs.009 by the Business Sender i.e. to create the signature which has to be added to the Business Application Header (BAH, head.001) of a message in SWIFT (see step 7). To create A2A-DN, see step 2.
 - o CN=xxx,OU=zz... → with capital letters and no spaces
 - PTA DN:** is the Party Technical Address Distinguished Name used by the Technical Sender of a message. PTA DN should be mentioned as Requestor DN in the technical header of a message.
 - o cn=xxx,ou=zz... → with small letters, no spaces

- 1 Step 1 is done by the central bank based on your form. As an accountholder, you can continue with step 2. The Technical Address DN (i.e. PTA DN) is the address to make swift connection with ESMIG UTEST, as submitted for SWIFT E-ordering. This has to be inserted as a certificate distinguished name in UTEST e.g. o=flornl2a,o=swift (filled out in the Registration form)**

And linked to the desired Network Services for example T2CLM.SWIFT.MSGSNF/MSGRT/FILESNF as filled out in the Registration Form. Besides SIA, there are 15 network services for SWIFT. Choose carefully which network services are required for the swift messages you can receive or send.

Status	Technical Address	Network Service
Active	cn=ecb-01,ou=cert-testing,ou=tps,o=68029,dc= SIA	SIA
Active	o=flornl2a,o=swift	SWIFT NOTIF
Active	o=flornl2a,o=swift	SWIFT
Active	o=flornl2a,o=swift	SWIFT FILERT

T2-T2S Consolidation

1

2 User Certificate DN Link:

- a. By clicking on the green +NEW, you can create certificate Distinguished Names in UTEST e.g. CN=cb1,OU=test,O=flornl2a,O=swift (capital letters/no spaces)

- b. Add a user e.g. AZABANKUSER

- c. Create the DN-Link by clicking on the button in green +NEW in order to link A2A-DN with A2A User:

T2-T2S Consolidation

2

- 3 Roles:** allocate roles as required for business to the A2A USER. You need at least the below-mentioned three roles for payment transactions:

- o AH CLM Reader 2E → for queries
- o AH RTGS Liquidity Transfer Manager 4E
- o AH RTGS Payment Manager 4E

Please note that after allocation, it takes up to 1 – 2 days before the rolls are activated.

- 4 DN-BIC Routing** is used for forwarding and incoming pacs messages. One needs to connect PTA DN to the BIC of the bank.

- o Create the party technical address i.d. PTA DN as a certificate DN as shown in step 2a.
- o Link the certificate PTA DN to the BIC of the bank via DN-BIC Routing window mentioned below. Please note the lay-out; small letters, no spaces.
- o Participation type: direct

T2-T2S Consolidation

3

5 Routing Configuration:

This routing configuration is required to receive swift messages and avoid getting this error: E114 error The party of the business sender must not be U2A only.

6 Configuration in Swift:

Certificate DN of the A2A user has to be configured in Swift Alliance SAA in Configuration Parameters as the signing DN for ESMIG-connector. If SIL (Swift Integration Layer) is used in addition to SAA to sign and connect T2 or in case the BOX is used, then a different approach is needed with DN's that include %-sign, capital letters and spaces.

7 Clearing member-id:

Please note that in the swift message, the System User Reference of the A2A user has to be filled out in the field; "Clearing member-id" <ClrSysMmbld> in the business application header.

```
<AppHdr xmlns="urn:iso:std:iso:20022:tech:xsd:head.001.001.01">
  <Fr>
    <FIid>
      <FinInstnId>
        <BICFI>[BANKNL2A00X]/BICFI>
        <ClrSysMmbld>
          <Mmbld>[AZA System User Reference]/Mmbld>
        </ClrSysMmbld>
      </FinInstnId>
    </FIid>
  </Fr>
```

T2-T2S Consolidation

4