

DN-BIC Routing

Agenda item 6
TARGET CONSOLIDATION CONTACT GROUP (TCCG)
Frankfurt, 27 May 2020

- **Background: JIRA CSLDME-207 (BIC-DN relationship)**
- **Entity in CRDM in order to link DNs and BICs**
- **Used in RTGS and TIPS**
 - For TIPS, in the inbound case, a BIC can be linked to multiple DNs and vice versa
 - For TIPS, in the outbound case, a BIC can be linked to a single DN but the same DN can be linked to multiple BICs
 - For RTGS outbound communication, for both account BICs and multi-addressee BICs, each BIC can be linked to a single DN but the same DN can be linked to multiple BICs. The information stored in DN-BIC routing table is only used in RTGS for outbound communication.

CRDM Attributes within DN-BIC Routing

ATTRIBUTE	DESCRIPTION
Inbound/Outbound flag	<p>Attribute specifying whether the routing relationship is for inbound or outbound communications.</p> <p>If set to Outbound, no more than one DN can be linked to the same BIC.</p>
Valid From	Date from which the DN-BIC Routing is valid.
Valid To	Date until which the DN-BIC Routing is valid.
Participation Type	It specifies the participation type to match the correct Authorised Account User.

Each *DN-BIC Routing* entry can be linked to one or many *Certificate DNs* and one or many *BICs*.

- **Attributes in table only used for outbound processing in order to determine the DN of the technical receiver of the forwarded message**
- **DN is derived from the Business Receiver BIC used in the header of the inbound message (field BAH „TO“)**
- **Deduction of DN related to that BIC is done on the basis of data in DN-BIC Routing table**
- **Only valid for direct participants and multi-addressees**
- **Therefore: 1 BIC can only be linked to exactly 1 DN (but the same DN can be linked to multiple BICs)**
- **Used for (forwarded) message types: pacs.004/008/009/010 and camt.056/029 in RTGS**

Routing example: pacs.009 sent by multi-addressee

Step	Message	Business Sender (BAH From*)	Business Receiver (BAH To*)	Technical Sender	Technical Receiver
1	Inbound Pacs.009	Addressee BIC of sending Multi-addressee	Business Receiver BIC	Any technical address registered for the account holding party	RTGS technical address (DN)
2	Outbound Pacs.002	RTGS System BIC	Sender BIC of initial pacs.009: Multi-addressee BIC	RTGS technical address (DN)	Sender technical address (DN) of origin pacs.009
3	OutboundPacs.009	Addressee BIC of sending Multi-addressee	Business Receiver BIC	RTGS technical address (DN)	Business Receiver Technical Address derived from BAH To and DN-BIC routing

* All BAH From and To are Addressee BIC from the RTGS Directory, except for the RTGS BIC

Questions ?