

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	Attribute specifying whether the routing relationship is for inbound or outbound communications. If set to Outbound, no more than one DN can be linked to the same BIC.
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 ?