DNB Resolution
Logical Data Model Report

Model: DNB_STAT_DGSXSCVXX_GLO_K

Report: Model constraints

Author: DNB Statistics Data Service Center (Rudy Oosterling)

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Summary: This report contains the constraints of the IKB (Individueel Klantbeeld / Single Customer View) for the Dutch Deposit Guarantee Scheme (Nederlands Depositogarantiestelsel - N DGS). For full details consult the LDM or its HTML report.

Important notice: Unless explicitly stated different, the model and its implementation at DNB is case sensitive.

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1. List of custom business rules

1.1 Validation rules that determine the reporting obligation status

Below is the list of all blocking custom validation rules for DGS SCV data deliveries. These are additional to the explicitly modelled blocking basic constraints, which are also listed in the chapter 'Model basic constraints'.
The violation of blocking custom validation rules as well as violations to the basic constraints will result in a non-accepted status of the reporting obligation.
All validation results will automatically be communicated back to the bank (see Chapter 2.6.3 of the GLO-document for the specification of the message).
These validation rules are directly derived from the business rules that are defined in the logical data model. In the chapter 'Details of blocking rules', the full details of the rule is available, including an overview of the entities or entity attributes the rules are related to.

1.1.1 List of blocking business rules

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0009	bank scv delivery omc0009 all identification by bank relation number from one issuing country	other model constraint	Checked within the data delivery	blocking
omc0010	depositor omc0010 (non) natural person identification by bank relation number not provided	other model constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking
omc0999	entity type delivery omc0999 rowcounts of entity type delivery must match the actual rowcounts of all logical entities	other model constraint	Checked within the data delivery	blocking
smc0000	logical data model smc0000 missing child record in bank scv delivery	sub set model constraint	Checked within the data delivery	blocking
spc0001	party spc0001 type of party does not correspond to the subtypes	specialization model constraint	Checked within the data delivery	blocking
spc0002	address spc0002 structured address indicator does not correspond to the subtypes	specialization model constraint	Checked within the data delivery	blocking
spc0003	party role spc0003 role of party does not correspond to the subtypes	specialization model constraint	Checked within the data delivery	blocking
spc0004	depositor spc0004 depositor qualification does not correspond to the subtypes	specialization model constraint	Checked within the data delivery	blocking
spc0005	natural person spc0005 identifier indicator np does not correspond to the subtypes	specialization model constraint	Checked within the data delivery	blocking
spc0006	non natural person spc0006 identifier indicator nnp does not correspond to the subtypes	specialization model constraint	Checked within the data delivery	blocking
spc0007	bank account spc0007 blocked account indicator does not correspond to the subtypes	specialization model constraint	Checked within the data delivery	blocking

1.2 Signaling and plausibility rules that might lead to a new obligation to resubmit

The rules listed below will not influence the status of the reporting obligation. It can however lead to a new reporting obligation to resubmit the data for a given period.
Two types of signaling rules are identified:
[1] Signaling rules that have a binary outcome (True/False);
[2] Plausibility rules that need human interpretation. These rules should assess the plausibility of the DGS SCV data delivered. In general, these rules can consist of outlier detection based on predefined thresholds and can also consist of consistency checks against other datasets. More information on these types of rules will follow as soon as they are subject to implementation.
The below signaling and plausibility rules are directly derived from the business rules that are defined in the logical data model. In the chapter 'Details of signaling rules', the full details of the rule is available, including an overview of the entities or entity attributes the rules are related to.

1.2.1 List of signaling business rules

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling
dmc0001	registration number dmc0001 format must comply with the type of non natural person identifier	domain constraint	Checked within the data delivery	signaling
dmc0002	identification number dmc0002 format must comply with the type of natural person identifier	domain constraint	Checked within the data delivery	signaling
dmc0003	date of birth dmc0003 format must match the iso8601 or the exceptions	domain constraint	Checked within the data delivery	signaling
dmc0004	<attribute> dmc0004 country code must be in the iso 3166 country list	domain constraint	Checked within the data delivery	signaling
dmc0005	currency dmc0005 currency code must be in the iso 4217 currency list	domain constraint	Checked within the data delivery	signaling
dmc0006	participation percentage dmc0006 value must be higher than 0 and less than 100 percent	domain constraint	Checked within the data delivery	signaling
etc0001	bank account etc0001 count of depositors must equal the count of bank account ownership	entity type constraint	Checked within the data delivery	signaling
etc0002	bank account ownership etc0002 when participation percentage is provided it is mandatory for each depositor owning that account	entity type constraint	Checked within the data delivery	signaling
etc0003	bank account ownership etc0003 when participation percentage is provided it must sum up to 100	entity type constraint	Checked within the data delivery	signaling
etc0004	bank account etc0004 eligibility must be consistent for each type of bank account and product label combination	entity type constraint	Checked within the data delivery	signaling
omc0001	depositor omc0001 reliable depositor validation	other model constraint	Checked within the data delivery	signaling
omc0002	non natural person identification omc0002 at least one issuing country must match registered country	other model constraint	Checked within the data delivery	signaling

Code	Name	business rule classification	business rule scope	severity
omc0003	identification by document omc0003 uniqueness check document numbers	other model constraint	Checked within the data delivery	signaling
omc0005	depositor omc0005 depositor must be an unqualified depositor	other model constraint	Checked within the data delivery	signaling
omc0006	depositor representation omc0006 jointly representation must have at least 2 representatives	other model constraint	Checked within the data delivery	signaling
omc0007	natural person identification omc0007 BSN mandatory for natural persons with address country NL	other model constraint	Checked within the data delivery	signaling
omc0008	depositor representation omc0008 self representation is not allowed	other model constraint	Checked within the data delivery	signaling
omc0011	depositor omc0011 natural person is always eligible for DGS	other model constraint	Checked within the data delivery	signaling
omc0012	representative omc0012 representative who is a natural person must be of legal age	other model constraint	Checked within the data delivery	signaling
omc0013	bank account ownership omc0013 incorrect combination of legal capacity and type of third party account	other model constraint	Checked within the data delivery	signaling
omc0014	natural person identification omc0014 uniqueness check (non) natural person identification	other model constraint	Checked within the data delivery	signaling
omc0015	non natural person identification omc0015 uniqueness check (non) natural person identification	other model constraint	Checked within the data delivery	signaling
smc0001	non natural person without identifier smc0001 zero occurrences	sub set model constraint	Checked within the data delivery	signaling
smc0006	party smc0006 missing child record in address	sub set model constraint	Checked within the data delivery	signaling
smc0009	representative smc0009 missing child record in depositor representation	sub set model constraint	Checked within the data delivery	signaling
smc0010	blocked bank account smc0010 missing child record in bank account blockage	sub set model constraint	Checked within the data delivery	signaling
smc0011	unqualified depositor smc0011 missing child record in unqualified depositor representation	sub set model constraint	Checked within the data delivery	signaling
smc0012	non natural person with identifier smc0012 missing child record in non natural person identification	sub set model constraint	Checked within the data delivery	signaling
smc0013	natural person without national identifier smc0013 missing child record in mandatory identification by document	sub set model constraint	Checked within the data delivery	signaling
smc0014	natural person with national identifier smc0014 missing child record in natural person identification	sub set model constraint	Checked within the data delivery	signaling
smc0015	party smc0015 missing child record in party role	sub set model constraint	Checked within the data delivery	signaling
tmc0001	non natural person identification tmc0001 issuing country must correspond to the type of non natural person identifier	tuple constraint	Checked within the data delivery	signaling
tmc0002	natural person identification tmc0002 issuing country must correspond to the type of natural person identifier	tuple constraint	Checked within the data delivery	signaling

Code	Name	business rule classification	business rule scope	severity
tmc0003	date of birth tmc0003 between 1900-01-01 and the reporting reference date	tuple constraint	Checked within the data delivery	signaling
tmc0004	party tmc0004 mandatory telephone number or mobile number	tuple constraint	Checked within the data delivery	signaling
tmc0005	bank account tmc0005 invalid combination of type of bank account and bank account eligibility	tuple constraint	Checked within the data delivery	signaling
tmc0006	natural person tmc0006 mandatory official first names or unofficial first names or initials	tuple constraint	Checked within the data delivery	signaling

2. Business rule details

2.1 Details of blocking rules

2.1.1 reporting reference date dmc0007 date format must be YYYY-MM-DD

2.1.1.1 Card of business rule

Name	reporting reference date dmc0007 date format must be YYYY-MM-DD
Code	dmc0007
Comment	This validation checks if the reporting reference date matches the required format.
business rule classification	domain constraint
business rule scope	Checked within the data delivery
severity	blocking
Server Expression	This pseudo expression shows what must be TRUE to be VALID Format('reporting_reference_date') = 'YYYY-MM-DD'

2.1.1.2 List of all dependencies

Parent	Name	Code	Class Name
Entity 'bank account blockage'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'bank account ownership'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'bank account'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'bank scv delivery'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'blocked bank account'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'delivery'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'depositor representation'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'depositor'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'entity type delivery'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'identification by document'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'mandatory identification by document'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'natural person identification'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'natural person with national identifier'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'natural person without national identifier'	reporting reference date	reporting_reference_date	Entity Attribute

Parent	Name	Code	Class Name
Entity 'natural person'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non blocked bank account'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non natural person identification'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non natural person with identifier'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non natural person without identifier'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non natural person'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'optional identification by document'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'party role'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'party'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'qualified depositor representation'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'qualified depositor'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'representative'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'unqualified depositor representation'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'unqualified depositor'	reporting reference date	reporting_reference_date	Entity Attribute
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	reporting reference date	reporting_reference_date	Domain

2.1.2 bank scv delivery omc0009 all identification by bank relation number from one issuing country

2.1.2.1 Card of business rule

Name	bank scv delivery omc0009 all identification by bank relation number from one issuing country
Code	omc0009
Comment	In case the bank guarantees, which is subject to confirmation by the external auditor, that it has a fully de-duplicated administration of accountholders/depositors it can use the 'BANK_RELATIE_NUMMER' type of (non) natural person identifier. The required 'issuing country' attribute may only be one valid country code for all depositors (e.g. only 'NL'). In this situation 'issuing country' isn't really an issuing country for the bank relation number, however as this is a mandatory field it's required to be provided. Next to this the uniqueness of the bank relation number can only be validated if the, so called "issuing country" of the bank relation number is one and the same value for each depositor. Once the bank decides to use this identifier it must use it for each depositor, which is validated by omc0010. Uniqueness of the bank relation number is validated by omc0014 and omc0015.
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	blocking
Server Expression	count(distinct 'natural_person_identification'.'issuing_country' where 'natural_person_identification'.'type_of_natural_person_identifier'='BANK_RELATIE_NUMMER' union distinct 'non_natural_person_identification'.'issuing_country' where 'non_natural_person_identification'.'type_of_non_natural_person_identifier'='BANK_RELATIE_NUMMER') = 1 /* Note: The 'natural_person_identification' population may be larger in case representatives are also uniquely identified in the banks administration */

2.1.2.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	bank scv delivery	bank_scv_delivery	Entity

2.1.3 depositor omc0010 (non) natural person identification by bank relation number not provided

2.1.3.1 Card of business rule

Name	depositor omc0010 (non) natural person identification by bank relation number not provided
Code	omc0010
Comment	In case the bank guarantees, which is subject to confirmation by the external auditor, that it has a fully de-duplicated administration of accountholders/depositors it can use the 'BANK_RELATIE_NUMMER' type of (non) natural person identifier. Once the bank decides to use this identifier it must use it for each depositor. The required 'issuing country' attribute may only be one valid country code for all depositors (e.g. only 'NL'), which validated by omc0009 Uniqueness of the bank relation number is validated by omc0014 and omc0015.
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	blocking
Server Expression	When count('natural_person_identification' where 'natural_person_identification'.'type_of_natural_person_identifier'='BANK_RELATIE_NUMMER' or 'non_natural_person_identification' where 'non_natural_person_identification'.'type_of_non_natural_person_identifier'='BANK_RELATIE_NUMMER') > 0 Then the population ('party'.'party_identifier', 'party'.'bank_identifier','party'.'reporting_reference_date' where 'party_role'.'role_of_party' = 'depositor') is fully part of the population: ('non_natural_person_identification'.'party_identifier', 'non_natural_person_identification'.'bank_identifier', 'non_natural_person_identification'.'reporting_reference_date' where 'non_natural_person_identification'.'type_of_non_natural_person_identifier'='BANK_RELATIE_NUMMER') and ('natural_person_identification'.'party_identifier', 'natural_person_identification'.'bank_identifier', 'natural_person_identification'.'reporting_reference_date' where 'natural_person_identification'.'type_of_natural_person_identifier'='BANK_RELATIE_NUMMER') /* Note: The 'non_natural_person_identification' and 'natural_person_identification' populations may be larger in case representatives are also uniquely identified in the banks administration */

2.1.3.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	depositor	depositor	Entity

2.1.4 delivery omc0031 reporting reference date must match dnbmetadata.xml

2.1.4.1 Card of business rule

Name	delivery omc0031 reporting reference date must match dnbmetadata.xml
Code	omc0031
Comment	The reporting reference date must match the date given as the reporting reference date in the dnbmetadata.xml that is part of the data delivery set.
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	blocking
Server Expression	'reporting reference date' = 'dnbmetadata.xml'.'reporting reference date'

2.1.4.2 List of all dependencies

Parent	Name	Code	Class Name
Entity 'bank account'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'bank scv delivery'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'blocked bank account'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'delivery'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'depositor'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'entity type delivery'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'natural person with national identifier'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'natural person without national identifier'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'natural person'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non blocked bank account'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non natural person with identifier'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non natural person without identifier'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non natural person'	reporting reference date	reporting_reference_date	Entity Attribute

Parent	Name	Code	Class Name
Entity 'party role'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'party'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'qualified depositor'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'representative'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'unqualified depositor'	reporting reference date	reporting_reference_date	Entity Attribute

2.1.5 entity type delivery omc0999 rowcounts of entity type delivery must match the actual rowcounts of all logical entities

2.1.5.1 Card of business rule

Name	entity type delivery omc0999 rowcounts of entity type delivery must match the actual rowcounts of all logical entities
Code	omc0999
Comment	The entity type delivery rowcounts must match the actual rowcounts of the entities supplied in the files. rowcounts are required for every logical entity in the logical datamodel. The full list of logical entities is provided in the reference metadata sets file that is published on DNB's website.
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	blocking
Server Expression	For each entity_type_code in entity_type entity_type_delivery.rowcount = count(*) from {entity_type_code}

2.1.5.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	entity type delivery	entity_type_delivery	Entity

2.1.6 logical data model smc0000 missing child record in bank scv delivery

2.1.6.1 Card of business rule

Name	logical data model smc0000 missing child record in bank scv delivery
Code	smc0000
Comment	This validation is to ensure the bank scv delivery data have been submitted. As this is the content that defines the delivery, its validation has been assigned to the logical data model entity
business rule classification	sub set model constraint
business rule scope	Checked within the data delivery
severity	blocking
Server Expression	This validation is to ensure the bank scv delivery data has been submitted. As this is the content that defines the delivery, its validation has been assigned to the logical data model entity

2.1.6.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	logical data model	logical_data_model	Entity

2.1.7 party spc0001 type of party does not correspond to the subtypes

2.1.7.1 Card of business rule

Name	party spc0001 type of party does not correspond to the subtypes
Code	spc0001
Comment	The attribute 'type of party' in entity 'party' must indicate the existence of a record in its corresponding subtype. When violated, either the record in the corresponding subtype does not exist or it exists in the not-corresponding subtype(s).
business rule classification	specialization model constraint
business rule scope	Checked within the data delivery
severity	blocking

Server Expression	This pseudo expression shows what must be TRUE to be VALID
	
	if 'party'.'type_of_party' = 'natural_person' then
	'party'.'bank_identifier' = 'natural_person'.'bank_identifier'
	and 'party'.'reporting_reference_date' = 'natural_person'.'reporting_reference_date'
	and 'party'.'party_identifier' = 'natural_person'.'party_identifier'
	
	if 'party'.'type_of_party' = 'non_natural_person' then
	'party'.'bank_identifier' = 'non_natural_person'.'bank_identifier'
	and 'party'.'reporting_reference_date' = 'non_natural_person'.'reporting_reference_date'
	and 'party'.'party_identifier' = 'non_natural_person'.'party_identifier'

2.1.7.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	type of party	type_of_party	Inheritance

2.1.8 address spc0002 structured address indicator does not correspond to the subtypes

2.1.8.1 Card of business rule

Name	address spc0002 structured address indicator does not correspond to the subtypes
Code	spc0002
Comment	The attribute 'structured address indicator' in entity 'address' must indicate the existence of a record in its corresponding subtype. When violated, either the record in the corresponding subtype does not exist or it exists in the not-corresponding subtype(s).
business rule classification	specialization model constraint
business rule scope	Checked within the data delivery
severity	blocking

Server Expression	This pseudo expression shows what must be TRUE to be VALID
	
	if 'address'.'structured_address_indicator' = 'structured_address' then
	'address'.'bank_identifier' = 'structured_address'.'bank_identifier'
	and 'address'.'reporting_reference_date' = 'structured_address'.'reporting_reference_date'
	and 'address'.'party_identifier' = 'structured_address'.'party_identifier'
	
	if 'address'.'structured_address_indicator' = 'unstructured_address' then
	'address'.'bank_identifier' = 'unstructured_address'.'bank_identifier'
	and 'address'.'reporting_reference_date' = 'unstructured_address'.'reporting_reference_date'
	and 'address'.'party_identifier' = 'unstructured_address'.'party_identifier'

2.1.8.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	structured address indicator	structured_address_indicator	Inheritance

2.1.9 party role spc0003 role of party does not correspond to the subtypes

2.1.9.1 Card of business rule

Name	party role spc0003 role of party does not correspond to the subtypes
Code	spc0003
Comment	The attribute 'role of party' in entity 'party role' must indicate the existence of a record in its corresponding subtype. When violated, either the record in the corresponding subtype does not exist or it exists in the not-corresponding subtype(s).
business rule classification	specialization model constraint
business rule scope	Checked within the data delivery
severity	blocking

Server Expression	This pseudo expression shows what must be TRUE to be VALID
	
	if 'party_role'.'role_of_party' = 'depositor' then
	'party_role'.'bank_identifier' = 'depositor'.'bank_identifier'
	and 'party_role'.'reporting_reference_date' = 'depositor'.'reporting_reference_date'
	and 'party_role'.'party_identifier' = 'depositor'.'party_identifier'
	and 'party_role'.'role_of_party' = 'depositor'.'role_of_party'
	
	if 'party_role'.'role_of_party' = 'representative' then
	'party_role'.'bank_identifier' = 'representative'.'bank_identifier'
	and 'party_role'.'reporting_reference_date' = 'representative'.'reporting_reference_date'
	and 'party_role'.'party_identifier' = 'representative'.'party_identifier'
	and 'party_role'.'role_of_party' = 'representative'.'role_of_party'

2.1.9.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	role of party	role_of_party	Inheritance

2.1.10 depositor spc0004 depositor qualification does not correspond to the subtypes

2.1.10.1 Card of business rule

Name	depositor spc0004 depositor qualification does not correspond to the subtypes
Code	spc0004
Comment	The attribute 'depositor qualification' in entity 'depositor' must indicate the existence of a record in its corresponding subtype. When violated, either the record in the corresponding subtype does not exist or it exists in the not-corresponding subtype(s).
business rule classification	specialization model constraint
business rule scope	Checked within the data delivery
severity	blocking

Server Expression	This pseudo expression shows what must be TRUE to be VALID
	
	if 'depositor'.'depositor_qualification' = 'qualified_depositor' then
	'qualified_depositor'.'bank_identifier' = 'depositor'.'bank_identifier'
	and 'qualified_depositor'.'reporting_reference_date' = 'depositor'.'reporting_reference_date'
	and 'qualified_depositor'.'party_identifier' = 'depositor'.'party_identifier'
	and 'qualified_depositor'.'role_of_party' = 'depositor'.'role_of_party'
	
	if 'depositor'.'depositor_qualification' = 'unqualified_depositor' then
	'unqualified_depositor'.'bank_identifier' = 'depositor'.'bank_identifier'
	and 'unqualified_depositor'.'reporting_reference_date' = 'depositor'.'reporting_reference_date'
	and 'unqualified_depositor'.'party_identifier' = 'depositor'.'party_identifier'
	and 'unqualified_depositor'.'role_of_party' = 'depositor'.'role_of_party'

2.1.10.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	depositor qualification	depositor_qualification	Inheritance

2.1.11 natural person spc0005 identifier indicator np does not correspond to the subtypes

2.1.11.1 Card of business rule

Name	natural person spc0005 identifier indicator np does not correspond to the subtypes
Code	spc0005
Comment	The attribute 'identifier indicator' in entity 'natural person', which is inherited from entity 'party', must indicate the existence of a record in its corresponding subtype. When violated, either the record in the corresponding subtype does not exist or it exists in the not-corresponding subtype(s).
business rule classification	specialization model constraint
business rule scope	Checked within the data delivery
severity	blocking

Server Expression	This pseudo expression shows what must be TRUE to be VALID
	
	if 'party'.'identifier_indicator' = 'party_with_identifier' then
	'party'.'bank_identifier' = 'natural_person_with_national_identifier'.'bank_identifier'
	and 'party'.'reporting_reference_date' = 'natural_person_with_national_identifier'.'reporting_reference_date'
	and 'party'.'party_identifier' = 'natural_person_with_national_identifier'.'party_identifier'
	
	if 'party'.'identifier_indicator' = 'party_without_identifier' then
	'party'.'bank_identifier' = 'natural_person_without_national_identifier'.'bank_identifier'
	and 'party'.'reporting_reference_date' = 'natural_person_without_national_identifier'.'reporting_reference_date'
	and 'party'.'party_identifier' = 'natural_person_without_national_identifier'.'party_identifier'

2.1.11.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	identifier indicator np	identifier_indicator_np	Inheritance

2.1.12 non natural person spc0006 identifier indicator nnp does not correspond to the subtypes

2.1.12.1 Card of business rule

Name	non natural person spc0006 identifier indicator nnp does not correspond to the subtypes
Code	spc0006
Comment	The attribute 'identifier indicator' in entity 'non natural person', which is inherited from entity 'party', must indicate the existence of a record in its corresponding subtype. When violated, either the record in the corresponding subtype does not exist or it exists in the not-corresponding subtype(s).
business rule classification	specialization model constraint
business rule scope	Checked within the data delivery
severity	blocking

Server Expression	This pseudo expression shows what must be TRUE to be VALID
	
	if 'party'.'identifier_indicator' = 'party_with_identifier' then
	'party'.'bank_identifier' = 'non_natural_person_with_identifier'.'bank_identifier'
	and 'party'.'reporting_reference_date' = 'non_natural_person_with_identifier'.'reporting_reference_date'
	and 'party'.'party_identifier' = 'non_natural_person_with_identifier'.'party_identifier'
	
	if 'party'.'identifier_indicator' = 'party_without_identifier' then
	'party'.'bank_identifier' = 'non_natural_person_without_identifier'.'bank_identifier'
	and 'party'.'reporting_reference_date' = 'non_natural_person_without_identifier'.'reporting_reference_date'
	and 'party'.'party_identifier' = 'non_natural_person_without_identifier'.'party_identifier'

2.1.12.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	identifier indicator nnp	identifier_indicator_nnp	Inheritance

2.1.13 bank account spc0007 blocked account indicator does not correspond to the subtypes

2.1.13.1 Card of business rule

Name	bank account spc0007 blocked account indicator does not correspond to the subtypes
Code	spc0007
Comment	The attribute 'blocked account indicator' in entity 'bank account' must indicate the existence of a record in its corresponding subtype. When violated, either the record in the corresponding subtype does not exist or it exists in the not-corresponding subtype(s).
business rule classification	specialization model constraint
business rule scope	Checked within the data delivery
severity	blocking

Server Expression	This pseudo expression shows what must be TRUE to be VALID
	
	if 'bank_account'.'blocked_account_indicator' = 'blocked_bank_account' then
	'bank_account'.'bank_identifier' = 'blocked_bank_account'.'bank_identifier'
	and 'bank_account'.'reporting_reference_date' = 'blocked_bank_account'.'reporting_reference_date'
	and 'bank_account'.'bank_account_identifier' = 'blocked_bank_account'.'bank_account_identifier'
	
	if 'bank_account'.'blocked_account_indicator' = 'non_blocked_bank_account' then
	'bank_account'.'bank_identifier' = 'non_blocked_bank_account'.'bank_identifier'
	and 'bank_account'.'reporting_reference_date' = 'non_blocked_bank_account'.'reporting_reference_date'
	and 'bank_account'.'bank_account_identifier' = 'non_blocked_bank_account'.'bank_account_identifier'

2.1.13.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	blocked account indicator	blocked_account_indicator	Inheritance

2.2 Details of signaling rules

2.2.1 <attribute> dmc0000 mandatory value missing

2.2.1.1 Card of business rule

Name	<attribute> dmc0000 mandatory value missing
Code	dmc0000
Comment	This generic validation checks whether a value is submitted and results in a violation when an attribute value is null or empty. The validation rule can be applied on each attribute in the LDM Note: due to the fact that this rule is applied to multiple attributes per entity, the return rule code in combination with the attribute code will refer to the exact location of the issue.
business rule classification	domain constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be VALID <attribute> is not NULL or <attribute> <> ''

2.2.1.2 List of all dependencies

Parent	Name	Code	Class Name
Entity 'address'	country	country	Entity Attribute
Entity 'bank account'	ascription	ascription	Entity Attribute
Entity 'bank account'	balance	balance	Entity Attribute
Entity 'bank account'	bank account number	bank_account_number	Entity Attribute
Entity 'bank account'	count of depositors	count_of_depositors	Entity Attribute
Entity 'bank account'	country of branch of account	country_of_branch_of_account	Entity Attribute
Entity 'bank account'	currency	currency	Entity Attribute
Entity 'bank account'	interest	interest	Entity Attribute
Entity 'bank account'	product label	product_label	Entity Attribute
Entity 'identification by document'	document number	document_number	Entity Attribute
Entity 'natural person identification'	identification number	identification_number	Entity Attribute
Entity 'natural person without national identifier'	birthplace	birthplace	Entity Attribute
Entity 'natural person without national identifier'	country of birth	country_of_birth	Entity Attribute

Parent	Name	Code	Class Name
Entity 'natural person'	birthname	birthname	Entity Attribute
Entity 'natural person'	date of birth	date_of_birth	Entity Attribute
Entity 'natural person'	initials	initials	Entity Attribute
Entity 'non natural person identification'	registration number	registration_number	Entity Attribute
Entity 'non natural person'	registered country	registered_country	Entity Attribute
Entity 'non natural person'	registered name	registered_name	Entity Attribute
Entity 'non natural person'	registered place	registered_place	Entity Attribute
Entity 'structured address'	house number	house_number	Entity Attribute
Entity 'structured address'	place	place	Entity Attribute
Entity 'structured address'	postal code	postal_code	Entity Attribute
Entity 'structured address'	street	street	Entity Attribute
Entity 'unstructured address'	address line 1	address_line_1	Entity Attribute

2.2.2 <attribute> dmc0004 country code must be in the iso 3166 country list

2.2.2.1 Card of business rule

Name	<attribute> dmc0004 country code must be in the iso 3166 country list
Code	dmc0004
Comment	Validation rule corresponding to the domain iso 3166 country that ensures that only valid country codes are used. Note: due to the fact that this rule is applied to multiple attributes per entity, the return rule code in combination with the attribute code will refer to the exact location of the issue.
business rule classification	domain constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be VALID value in list(iso 3166 country)

2.2.2.2 List of all dependencies

Parent	Name	Code	Class Name
Entity 'address'	country	country	Entity Attribute
Entity 'bank account'	country of branch of account	country_of_branch_of_account	Entity Attribute
Entity 'identification by document'	issuing country	issuing_country	Entity Attribute
Entity 'mandatory identification by document'	issuing country	issuing_country	Entity Attribute
Entity 'natural person identification'	issuing country	issuing_country	Entity Attribute
Entity 'natural person with national identifier'	country of birth	country_of_birth	Entity Attribute
Entity 'natural person without national identifier'	country of birth	country_of_birth	Entity Attribute
Entity 'natural person'	nationality	nationality	Entity Attribute
Entity 'non natural person identification'	issuing country	issuing_country	Entity Attribute
Entity 'non natural person'	registered country	registered_country	Entity Attribute
Entity 'optional identification by document'	issuing country	issuing_country	Entity Attribute

2.2.3 bank account etc0001 count of depositors must equal the count of bank account ownership

2.2.3.1 Card of business rule

Name	bank account etc0001 count of depositors must equal the count of bank account ownership
Code	etc0001
Comment	The bank account count of depositors value must equal the count of bank account ownership
business rule classification	entity type constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be VALID For each 'bank account'.'bank account identifier' 'bank account'.'count of depositors' = count('bank account ownership'.*)

2.2.3.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	bank account	bank_account	Entity

2.2.4 bank account etc0004 eligibility must be consistent for each type of bank account and product label combination

2.2.4.1 Card of business rule

Name	bank account etc0004 eligibility must be consistent for each type of bank account and product label combination
Code	etc0004
Comment	The eligibility indicator must be set in a consistent way for each combination of type of bank account and product label.
business rule classification	entity type constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	For each combination of 'type of bank account' and 'account label' distinct count of 'eligible account' = 1

2.2.4.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	bank account	bank_account	Entity

2.2.5 bank account ownership etc0002 when participation percentage is provided it is mandatory for each depositor owning that account

2.2.5.1 Card of business rule

Name	bank account ownership etc0002 when participation percentage is provided it is mandatory for each depositor owning that account
Code	etc0002
Comment	In case an account has multiple depositors: when a participation percentage is provided for 1 of the depositors it's mandatory to provide it for each depositor of that account.
business rule classification	entity type constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be INVALID get all 'bank account ownership' that is in Match('bank account identifer' where 'participation percentage' = null with 'bank account identifer' where 'participation percentage' <> null)

2.2.5.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	bank account ownership	bank_account_ownership	Entity

2.2.6 bank account ownership etc0003 when participation percentage is provided it must sum up to 100

2.2.6.1 Card of business rule

Name	bank account ownership etc0003 when participation percentage is provided it must sum up to 100
Code	etc0003
Comment	The total of participation percentage for each bank account that has participation percentage provided in bank account ownership must total 100.
business rule classification	entity type constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	For each 'bank account ownership'.'bank account identifier' sum('bank account ownership'.'participation percentage') = 100

2.2.6.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	bank account ownership	bank_account_ownership	Entity

2.2.7 bank account ownership omc0013 incorrect combination of legal capacity and type of third party account

2.2.7.1 Card of business rule

Name	bank account ownership omc0013 incorrect combination of legal capacity and type of third party account
Code	omc0013
Comment	Valid combinations of legal capacity and type of third party account. Rules: The non natural person's legal capacity 'ZONDER_RECHTSPERSOONLIJKHEID' is only valid when the respective bank accounts are marked with type of third party account 'SAMENWERKINGSVERBAND' and vica versa.
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	if 'bank_account_ownership'.'party_identifier' = 'non_natural_person'.'party_identifier' and 'bank_account_ownership'.'bank_account_identifier' = 'bank_account'.'bank_account_identifier' and ('non_natural_person'.'legal_capacity' = 'ZONDER_RECHTSPERSOONLIJKHEID' and 'bank_account'.'type_of_third_party_account' <> 'SAMENWERKINGSVERBAND') or ('non_natural_person'.'legal_capacity' <> 'ZONDER_RECHTSPERSOONLIJKHEID' and 'bank_account'.'type_of_third_party_account' = 'SAMENWERKINGSVERBAND')

2.2.7.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	bank account ownership	bank_account_ownership	Entity

2.2.8 bank account tmc0005 invalid combination of type of bank account and bank account eligibility

2.2.8.1 Card of business rule

Name	bank account tmc0005 invalid combination of type of bank account and bank account eligibility
Code	tmc0005
Comment	This validation checks whether the eligibility indicator is set correctly for certain type(s) of bank account. Rules: Bank accounts of type 'REK-WONING' are never eligible for DGS.
business rule classification	tuple constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be VALID if 'bank_account'.'type_of_bank_account' = 'REK-WONING' 'bank_account'.'eligibility_indicator' = 'GEEN_DGS'

2.2.8.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	bank account	bank_account	Entity

2.2.9 blocked bank account smc0010 missing child record in bank account blockage

2.2.9.1 Card of business rule

Name	blocked bank account smc0010 missing child record in bank account blockage
Code	smc0010
Comment	This validation checks whether bank account blockage has been submitted for each blocked bank account Note: this validation replaces the basic mandatory child constraint: blocked_bank_account_is_subject_to_bank_account_blockage
business rule classification	sub set model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be INVALID get parent.PK where parent.PK is not in related child.FK

2.2.9.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	blocked bank account	blocked_bank_account	Entity

2.2.10 currency dmc0005 currency code must be in the iso 4217 currency list

2.2.10.1 Card of business rule

Name	currency dmc0005 currency code must be in the iso 4217 currency list
Code	dmc0005
Comment	Validation rule corresponding to the domain iso 4217 currency that ensures that only valid currency codes are used.
business rule classification	domain constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be VALID value in list(iso 4217 currency)

2.2.10.2 List of all dependencies

Parent	Name	Code	Class Name
Entity 'bank account'	currency	currency	Entity Attribute

2.2.11 date of birth dmc0003 format must match the iso8601 or the exceptions

2.2.11.1 Card of business rule

Name	date of birth dmc0003 format must match the iso8601 or the exceptions
Code	dmc0003
Comment	The date with exceptions format must match the iso8601 standard or the exceptions. The exceptions are for incomplete dates, which typically can occur in date of birth. 2 exceptions are allowed: - missing month and day (e.g. 1977-00-00) - missing day (e.g. 1983-04-00)
business rule classification	domain constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be VALID if right('$date', 5) = '00-00' left('$date', 4) between '0001' and '9999' if right('$date', 5) <> '00-00' and right('$date' , 2) = '00' left('$date', 4) between '0001' and '9999' and substring{ '$date', 5, 1) = '-' and substring('$date', 6, 2) in ('01','02','03','04','05','06','07','08','09','10','11','12') else isIsoDate8166('$date') = TRUE

2.2.11.2 List of all dependencies

Parent	Name	Code	Class Name
Entity 'natural person'	date of birth	date_of_birth	Entity Attribute
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	date with exceptions	date_with_exceptions	Domain

2.2.12 date of birth tmc0003 between 1900-01-01 and the reporting reference date

2.2.12.1 Card of business rule

Name	date of birth tmc0003 between 1900-01-01 and the reporting reference date
Code	tmc0003
Comment	The date of birth must be prior than the reporting reference date and later than or equal to 1900-01-01 in order to be a valid date of birth.
business rule classification	tuple constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be VALID 'natural person'.'date of birth' < 'natural person'.'reporting reference date' and 'natural person'.'date of birth' >= '1900-01-01'

2.2.12.2 List of all dependencies

Parent	Name	Code	Class Name
Entity 'natural person'	date of birth	date_of_birth	Entity Attribute

2.2.13 depositor omc0001 reliable depositor validation

2.2.13.1 Card of business rule

Name	depositor omc0001 reliable depositor validation
Code	omc0001
Comment	The reliable depositor validation checks whether the reliable 'golden triangle' combinations are valid. When the depositor is a natural person and the reliability indicator is set to reliable (BETROUWBAAR): > it is required to have: - at least a birthname or official first names, and - a valid date of birth in the format yyyy-mm-dd (validated by tmc0003 and dmc0003) And - one or more valid (dmc0002) natural person identification numbers (including a valid (tmc0002) issuing country), and - each natural person identification number that is provided (i.c.w. its issuing country) must be unique within the depositor population.(omc0014) When the depositor is a non-natural person and the reliability indicator is set to reliable (BETROUWBAAR): > it is required to have: - a registered name, and - a registered place, and - a registered country. And

	- one or more valid (dmc0001) non-natural person registration numbers (including a valid (tmc0001) issuing country), and - each non-natural person registration number that is provided (i.c.w. its issuing country) must be unique within the depositor population.(omc0015) when omc0001 is triggered and none of the above mentioned validation codes are present for the same depositor, it means that there is an issue with the other restrictions, meaning: - absent value in birthname or official first names - absent natural person identification number - absent value in registered name, registered place or registered country. - absent non-natural person registration number
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	The reliable depositor validation checks whether the reliable 'golden triangle' combinations are valid. When the depositor is a natural person and the reliability indicator is set to reliable (BETROUWBAAR): > it is required to have: - at least a birthname or official first names, and - a valid date of birth in the format yyyy-mm-dd (validated by tmc0003 and dmc0003) And - one or more valid (dmc0002) natural person identification numbers (including a valid (tmc0002) issuing country), and - each natural person identification number that is provided (i.c.w. its issuing country) must be unique within the depositor population.(omc0003) When the depositor is a non-natural person and the reliability indicator is set to reliable (BETROUWBAAR): > it is required to have: - a registered name, and - a registered place, and - a registered country. And - one or more valid (dmc0001) non-natural person registration numbers (including a valid (tmc0001) issuing country), and - each non-natural person registration number that is provided (i.c.w. its issuing country) must be unique within the depositor population.(omc0003) when omc0001 is triggered and none of the above mentioned validation codes are present for the same depositor, it means that there is an issue with the restrictions that do not have a validation code, meaning: - absent value in birthname or official first names - absent natural person identification number - absent value in registered name, registered place or registered country. - absent non-natural person registration number

2.2.13.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	depositor	depositor	Entity

2.2.14 depositor omc0005 depositor must be an unqualified depositor

2.2.14.1 Card of business rule

Name	depositor omc0005 depositor must be an unqualified depositor
Code	omc0005
Comment	Unqualified depositors are those who require representation. Validation will occur on: non natural persons who are depositors minors who are depositors Note: This validation does not cover the full set of guidelines that explain which depositors should be marked as unqualified. Please see the data delivery manual for details.
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	signaling

Server Expression	if 'party'.'type of party' = 'non_natural_person'
	  'depositor'.'depositor qualification' = 'unqualified_depositor'
	
	if 'natural person'.'reporting reference date' - 'natural person'.'date of birth' < 18 years
	  'depositor'.'depositor qualification' = 'unqualified_depositor'

2.2.14.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	depositor	depositor	Entity

2.2.15 depositor omc0011 natural person is always eligible for DGS

2.2.15.1 Card of business rule

Name	depositor omc0011 natural person is always eligible for DGS
Code	omc0011
Comment	A depositor who is a natural person is always eligible for DGS, hence no or doubtful eligibility may only be applied to non natural persons.
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	if 'party'.'type of party' = 'natural person' and 'party'.'party identifier' = 'depositor'.'party identifier' then 'depositor'.'eligibility indicator' = 'DGS'

2.2.15.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	depositor	depositor	Entity

2.2.16 depositor representation omc0006 joint representation must have at least 2 representatives

2.2.16.1 Card of business rule

Name	depositor representation omc0006 joint representation must have at least 2 representatives
Code	omc0006
Comment	Representation count must be according to the type of representation competence, which means that: when value = 'GEZAMENLIJK_BEVOEGD' (Jointly competent) is present for the represented depositor, the count of representatives for that depositor must be 2 or higher, disregarding whether the other representatives are jointly or fully competent.
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	if 'depositor representation'.'type of representation competence' = 'GEZAMENLIJK_BEVOEGD' (count('depositor representation'.'rep party identifier') where 'depositor representation'.'rep party identifier' = 'natural person'.'party identifier' and 'depositor representation'.'bank licencse number' = 'natural person'.'bank licencse number' and 'depositor representation'.'reporting reference date' = 'natural person'.'reporting reference date' and 'depositor representation'.'type of representation competence' = 'GEZAMENLIJK_BEVOEGD') >= 2

2.2.16.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	depositor representation	depositor_representation	Entity

2.2.17 depositor representation omc0008 self representation is not allowed

2.2.17.1 Card of business rule

Name	depositor representation omc0008 self representation is not allowed
Code	omc0008
Comment	For a single customer view it's not allowed that a representative is the same party as the depositor to which it is linked. This will be validated by matching each identifying property of the depositor party against all identifying properties of the representation party, meaning: - non natural person identification registration numbers - natural person identification numbers - identification by document numbers - depositor / representative bank relation numbers Note: this validation is case-insensitive
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	For a single customer view it's not allowed that a depositor and representative are the same party. This will be validated by matching each identifying property of the depositor party against all identifying properties of the representation party.

2.2.17.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	depositor representation	depositor_representation	Entity

2.2.18 identification by document omc0003 uniqueness check document numbers

2.2.18.1 Card of business rule

Name	identification by document omc0003 uniqueness check document numbers
Code	omc0003
Comment	Each natural person's document number that is provided (i.c.w. its type and issuing country) must be unique within the depositor population. Note: this validation is case-insensitive
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	if 'identification by document'.'party identifier' = 'depositor'.'party identifier' find_duplicates('identification by document'.'type of identification document' + 'identification by document'.'issuing country' + 'identification by document'.'document number')

2.2.18.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	identification by document	identification_by_document	Entity

2.2.19 identification number dmc0002 format must comply with the type of natural person identifier

2.2.19.1 Card of business rule

Name	identification number dmc0002 format must comply with the type of natural person identifier
Code	dmc0002
Comment	The format of the identification number must comply with the type of natural person identifier When the type of natural person identifier = BSN then the identification number must have 8 or 9 numeric characters and the identification number must pass the modulo 11 test.
business rule classification	domain constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be VALID if 'natural person identification'.'type of natural person identifier' = 'BSN' length('identification number') = (8 or 9) and isnumeric('identification number') = TRUE and validate_BSN('identification number') = TRUE

2.2.19.2 List of all dependencies

Parent	Name	Code	Class Name
Entity 'natural person identification'	identification number	identification_number	Entity Attribute

2.2.20 natural person identification omc0007 BSN mandatory for natural persons with address country NL

2.2.20.1 Card of business rule

Name	natural person identification omc0007 BSN mandatory for natural persons with address country NL
Code	omc0007
Comment	A BSN is required for Dutch citizens. Although valid reasons may exist that people that reside in The Netherlands do not have a BSN. When 'address'.'country' = 'NL' One of natural person identification.type of natural person identifier = 'BSN'
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	if 'address'.'country' = 'NL' one of 'natural person identification'.'type of natural person identifier' = 'BSN'

2.2.20.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	natural person identification	natural_person_identification	Entity

2.2.21 natural person identification omc0014 uniqueness check (non) natural person identification

2.2.21.1 Card of business rule

Name	natural person identification omc0014 uniqueness check (non) natural person identification
Code	omc0014
Comment	Each natural person identification number that is provided (i.c.w. its type and issuing country) must be unique within the depositor population. This uniqueness check is performed after combining natural person identification and non natural person identification for common types of (non) natural person identifiers. Note: this validation disregards leading zeros in identification/registration numbers of which the type is expected to be numeric. Note: this validation is case-insensitive
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	merge 'natural person identification' with 'non natural pseron identification' if merged '(non) natural person identification'.'party identifier' = 'depositor'.'party identifier' find_duplicates('type of (non) natural person identifier' + 'issuing country' + 'identification/registration number')

2.2.21.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	natural person identification	natural_person_identification	Entity

2.2.22 natural person identification tmc0002 issuing country must correspond to the type of natural person identifier

2.2.22.1 Card of business rule

Name	natural person identification tmc0002 issuing country must correspond to the type of natural person identifier
Code	tmc0002
Comment	The issuing country must correspond to the type of natural person identifier When BSN is provided the issuing country must be 'NL' When BUITENLANDS_TIN or BUITENLANDS_NATIONAAL_ID is provided the issuing country may not be 'NL'
business rule classification	tuple constraint
business rule scope	Checked within the data delivery
severity	signaling

Server Expression	This pseudo expression shows what must be TRUE to be VALID
	
	if 'natural person identification'.'type of natural person identifier' = 'BSN'
	  'natural person identification'.'issuing country' = 'NL'
	
	if 'natural person identification'.'type of natural person identifier' = 'BUITENLANDS_NATIONAAL_ID' or 'BUITENLANDS_TIN'
	  'natural person identification'.'issuing country' <> 'NL'

2.2.22.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	natural person identification	natural_person_identification	Entity

2.2.23 natural person tmc0006 mandatory official first names or unofficial first names or initials

2.2.23.1 Card of business rule

Name	natural person tmc0006 mandatory official first names or unofficial first names or initials
Code	tmc0006
Comment	For each natural person either official first names or unofficial first names or initials must be submitted
business rule classification	tuple constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be VALID NOT('natural person'.'initials' = null and 'natural person'.'official first names' = null and 'natural person'.'unofficial first names' = null)

2.2.23.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	natural person	natural_person	Entity

2.2.24 natural person with national identifier smc0014 missing child record in natural person identification

2.2.24.1 Card of business rule

Name	natural person with national identifier smc0014 missing child record in natural person identification
Code	smc0014
Comment	This validation checks whether natural person identification has been submitted for each non natural person with national identifier Note: this validation replaces the basic mandatory child constraint: natural_person_with_national_identifier_must_be_subject_to_natural_person_identification
business rule classification	sub set model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be INVALID get parent.PK where parent.PK is not in related child.FK

2.2.24.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	natural person with national identifier	natural_person_with_national_identifier	Entity

2.2.25 natural person without national identifier smc0013 missing child record in mandatory identification by document

2.2.25.1 Card of business rule

Name	natural person without national identifier smc0013 missing child record in mandatory identification by document
Code	smc0013
Comment	This validation checks whether mandatory identification by document has been submitted for each natural person without national identifier Note: this validation replaces the basic mandatory child constraint: natural_person_without_national_identifier_must_be_subject_to_identification_by_document
business rule classification	sub set model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be INVALID get parent.PK where parent.PK is not in related child.FK

2.2.25.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	natural person without national identifier	natural_person_without_national_identifier	Entity

2.2.26 non natural person identification omc0002 at least one issuing country must match registered country

2.2.26.1 Card of business rule

Name	non natural person identification omc0002 at least one issuing country must match registered country
Code	omc0002
Comment	At least one issuing country must match the non natural person registered country.
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	'non natural person'.'registered country' in 'non natural person identification'.'issuing country'

2.2.26.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	non natural person identification	non_natural_person_identification	Entity

2.2.27 non natural person identification omc0015 uniqueness check (non) natural person identification

2.2.27.1 Card of business rule

Name	non natural person identification omc0015 uniqueness check (non) natural person identification
Code	omc0015
Comment	Each non-natural person registration number that is provided (i.c.w. its type and issuing country) must be unique within the depositor population. This uniqueness check is performed after combining natural person identification and non natural person identification for common types of (non) natural person identifiers. Note: this validation disregards leading zeros in identification/registration numbers of which the type is expected to be numeric. Note: this validation is case-insensitive
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	merge 'non natural person identification' with 'natural pseron identification' if merged '(non) natural person identification'.'party identifier' = 'depositor'.'party identifier' find_duplicates('type of (non) natural person identifier' + 'issuing country' + 'identification/registration number')

2.2.27.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	non natural person identification	non_natural_person_identification	Entity

2.2.28 non natural person identification tmc0001 issuing country must correspond to the type of non natural person identifier

2.2.28.1 Card of business rule

Name	non natural person identification tmc0001 issuing country must correspond to the type of non natural person identifier
Code	tmc0001
Comment	The issuing country must correspond to the type of non natural person identifier When RSIN or KVK is provided the issuing country must be 'NL' When BUITENLANDS_TIN or BUITENLANDS_KVK is provided the issuing country may not be 'NL'
business rule classification	tuple constraint
business rule scope	Checked within the data delivery
severity	signaling

Server Expression	This pseudo expression shows what must be TRUE to be VALID
	
	if 'non natural person identification'.'type of non natural person identifier' = 'RSIN' or 'KVK'
	  'non natural person identification'.'issuing country' = 'NL'
	
	if 'non natural person identification'.'type of non natural person identifier' = 'BUITENLANDS_KVK' or 'BUITENLANDS_TIN'
	  'non natural person identification'.'issuing country' <> 'NL'

2.2.28.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	non natural person identification	non_natural_person_identification	Entity

2.2.29 non natural person with identifier smc0012 missing child record in non natural person identification

2.2.29.1 Card of business rule

Name	non natural person with identifier smc0012 missing child record in non natural person identification
Code	smc0012
Comment	This validation checks whether non natural person identification has been submitted for each non natural person with identifier Note: this validation replaces the basic mandatory child constraint: non_natural_person_with_identifier_must_be_subject_to_non_natural_person_identification
business rule classification	sub set model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be INVALID get parent.PK where parent.PK is not in related child.FK

2.2.29.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	non natural person with identifier	non_natural_person_with_identifier	Entity

2.2.30 non natural person without identifier smc0001 zero occurances

2.2.30.1 Card of business rule

Name	non natural person without identifier smc0001 zero occurances
Code	smc0001
Comment	Each non natural person must have at least one of the types of non natural person identifier, therefore: There may not be any non natural person without identifier
business rule classification	sub set model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	count('non natural person without identifier') = 0

2.2.30.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	non natural person without identifier	non_natural_person_without_identifier	Entity

2.2.31 participation percentage dmc0006 value must be higher than 0 and less than 100 percent

2.2.31.1 Card of business rule

Name	participation percentage dmc0006 value must be higher than 0 and less than 100 percent
Code	dmc0006
Comment	Percentages must be provided without a decimal delimiter, nor a thousand separator, thus, when provided, the participation percentage must be a value higher than 0 and less than 1000000.
business rule classification	domain constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be VALID [participation_percentage] > 0 AND [participation_percentage] < 1000000

2.2.31.2 List of all dependencies

Parent	Name	Code	Class Name
Entity 'bank account ownership'	participation percentage	participation_percentage	Entity Attribute

2.2.32 party smc0006 missing child record in address

2.2.32.1 Card of business rule

Name	party smc0006 missing child record in address
Code	smc0006
Comment	This validation checks whether address is submitted for each party. Note: this validation replaces the basic mandatory child constraint: party_is_located_at_address
business rule classification	sub set model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be INVALID get parent.PK where parent.PK is not in related child.FK

2.2.32.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	party	party	Entity

2.2.33 party smc0015 missing child record in party role

2.2.33.1 Card of business rule

Name	party smc0015 missing child record in party role
Code	smc0015
Comment	This validation checks whether party role is submitted for each party Note: this validation replaces the basic mandatory child constraint: party_has_a_party_role
business rule classification	sub set model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be INVALID get parent.PK where parent.PK is not in related child.FK

2.2.33.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	party	party	Entity

2.2.34 party tmc0004 mandatory telephone number or mobile number

2.2.34.1 Card of business rule

Name	party tmc0004 mandatory telephone number or mobile number
Code	tmc0004
Comment	For each party either a telephone number or a mobile number must be submitted
business rule classification	tuple constraint
business rule scope	Checked within the data delivery
severity	signaling

Server Expression	This pseudo expression shows what must be TRUE to be VALID
	
	if 'party'.'telephone_number' = null then
	  'party'.'mobile_number' <> null
	
	if 'party'.'mobile_number' = null then
	  'party'.'telephone_number' <> null

2.2.34.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	party	party	Entity

2.2.35 registration number dmc0001 format must comply with the type of non natural person identifier

2.2.35.1 Card of business rule

Name	registration number dmc0001 format must comply with the type of non natural person identifier
Code	dmc0001
Comment	The format of the registration number must comply with the type of non natural person identification When the type of non natural person identifier = RSIN then the registration number must have 9 numeric characters and the registration number must pass the modulo 11 check. When the type of non natural person identifier = KVK then the registration number must have 8 numeric characters
business rule classification	domain constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be VALID if 'non natural person identification'.'type of non natural person identifier' = 'RSIN' length('registration number') = 9 and isnumeric('registration number') = TRUE and validate_RSIN('registration number') = TRUE if 'non natural person identification'.'type of non natural person identifier' = 'KVK' length('registration number') = 8 and isnumeric('registration number') = TRUE

2.2.35.2 List of all dependencies

Parent	Name	Code	Class Name
Entity 'non natural person identification'	registration number	registration_number	Entity Attribute

2.2.36 representative omc0012 representative who is a natural person must be of legal age

2.2.36.1 Card of business rule

Name	representative omc0012 representative who is a natural person must be of legal age
Code	omc0012
Comment	All representatives that are natural persons, must be of legal age
business rule classification	other model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	Age(natural_person.date_of_birth on natural_person.reporting_reference_date) >= 18 where natural_person.bank_identifier = representative.bank_identifier and natural_person.reporting_reference_date = representative.reporting_reference_date and natural_person.party_identifier = representative.party_identifier

2.2.36.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGS XSCVXX_GLO_K'	representative	representative	Entity

2.2.37 representative smc0009 missing child record in depositor representation

2.2.37.1 Card of business rule

Name	representative smc0009 missing child record in depositor representation
Code	smc0009
Comment	This validation checks whether depositor representation has been submitted for each representative Note: this validation replaces the basic mandatory child constraint: representative_has_part_in_depositor_representation
business rule classification	sub set model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be INVALID get parent.PK where parent.PK is not in related child.FK

2.2.37.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	representative	representative	Entity

2.2.38 unqualified depositor smc0011 missing child record in unqualified depositor representation

2.2.38.1 Card of business rule

Name	unqualified depositor smc0011 missing child record in unqualified depositor representation
Code	smc0011
Comment	This validation checks whether unqualified depositor representation has been submitted for each unqualified depositor Note: this validation replaces the basic mandatory child constraint: unqualified_depositor_must_be_subject_to_depositor_representation
business rule classification	sub set model constraint
business rule scope	Checked within the data delivery
severity	signaling
Server Expression	This pseudo expression shows what must be TRUE to be INVALID get parent.PK where parent.PK is not in related child.FK

2.2.38.2 List of all dependencies

Parent	Name	Code	Class Name
Logical Data Model 'DNB_STAT_DGSXSCVXX_GLO_K'	unqualified depositor	unqualified_depositor	Entity

3. Business rules per entity and entity attributes

3.1 Entity address

3.1.1 Entity attribute country of the entity address

3.1.1.1 List of associated business rules of the entity attribute country

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling
dmc0004	<attribute> dmc0004 country code must be in the iso 3166 country list	domain constraint	Checked within the data delivery	signaling

3.2 Entity bank account

3.2.1 List of associated business rules of the entity bank account

Code	Name	business rule classification	business rule scope	severity
etc0001	bank account etc0001 count of depositors must equal the count of bank account ownership	entity type constraint	Checked within the data delivery	signaling
etc0004	bank account etc0004 eligibility must be consistent for each type of bank account and product label combination	entity type constraint	Checked within the data delivery	signaling
tmc0005	bank account tmc0005 invalid combination of type of bank account and bank account eligibility	tuple constraint	Checked within the data delivery	signaling

3.2.2 Entity attribute reporting reference date of the entity bank account

3.2.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.2.3 Entity attribute bank account number of the entity bank account

3.2.3.1 List of associated business rules of the entity attribute bank account number

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.2.4 Entity attribute ascription of the entity bank account

3.2.4.1 List of associated business rules of the entity attribute ascription

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.2.5 Entity attribute product label of the entity bank account

3.2.5.1 List of associated business rules of the entity attribute product label

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.2.6 Entity attribute currency of the entity bank account

3.2.6.1 List of associated business rules of the entity attribute currency

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling
dmc0005	currency dmc0005 currency code must be in the iso 4217 currency list	domain constraint	Checked within the data delivery	signaling

3.2.7 Entity attribute balance of the entity bank account

3.2.7.1 List of associated business rules of the entity attribute balance

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.2.8 Entity attribute interest of the entity bank account

3.2.8.1 List of associated business rules of the entity attribute interest

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.2.9 Entity attribute country of branch of account of the entity bank account

3.2.9.1 List of associated business rules of the entity attribute country of branch of account

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling
dmc0004	<attribute> dmc0004 country code must be in the iso 3166 country list	domain constraint	Checked within the data delivery	signaling

3.2.10 Entity attribute count of depositors of the entity bank account

3.2.10.1 List of associated business rules of the entity attribute count of depositors

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.3 Entity bank account blockage

3.3.1 Entity attribute reporting reference date of the entity bank account blockage

3.3.1.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking

3.4 Entity bank account ownership

3.4.1 List of associated business rules of the entity bank account ownership

Code	Name	business rule classification	business rule scope	severity
etc0002	bank account ownership etc0002 when participation percentage is provided it is mandatory for each depositor owning that account	entity type constraint	Checked within the data delivery	signaling
etc0003	bank account ownership etc0003 when participation percentage is provided it must sum up to 100	entity type constraint	Checked within the data delivery	signaling
omc0013	bank account ownership omc0013 incorrect combination of legal capacity and type of third party account	other model constraint	Checked within the data delivery	signaling

3.4.2 Entity attribute reporting reference date of the entity bank account ownership

3.4.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking

3.4.3 Entity attribute participation percentage of the entity bank account ownership

3.4.3.1 List of associated business rules of the entity attribute participation percentage

Code	Name	business rule classification	business rule scope	severity
dmc0006	participation percentage dmc0006 value must be higher than 0 and less than 100 percent	domain constraint	Checked within the data delivery	signaling

3.5 Entity bank scv delivery

3.5.1 List of associated business rules of the entity bank scv delivery

Code	Name	business rule classification	business rule scope	severity
omc0009	bank scv delivery omc0009 all identification by bank relation number from one issuing country	other model constraint	Checked within the data delivery	blocking

3.5.2 Entity attribute reporting reference date of the entity bank scv delivery

3.5.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.6 Entity blocked bank account

3.6.1 List of associated business rules of the entity blocked bank account

Code	Name	business rule classification	business rule scope	severity
smc0010	blocked bank account smc0010 missing child record in bank account blockage	sub set model constraint	Checked within the data delivery	signaling

3.6.2 Entity attribute reporting reference date of the entity blocked bank account

3.6.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.7 Entity delivery

3.7.1 Entity attribute reporting reference date of the entity delivery

3.7.1.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.8 Entity depositor

3.8.1 List of associated business rules of the entity depositor

Code	Name	business rule classification	business rule scope	severity
omc0010	depositor omc0010 (non) natural person identification by bank relation number not provided	other model constraint	Checked within the data delivery	blocking
omc0001	depositor omc0001 reliable depositor validation	other model constraint	Checked within the data delivery	signaling
omc0005	depositor omc0005 depositor must be an unqualified depositor	other model constraint	Checked within the data delivery	signaling
omc0011	depositor omc0011 natural person is always eligible for DGS	other model constraint	Checked within the data delivery	signaling

3.8.2 Entity attribute reporting reference date of the entity depositor

3.8.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.9 Entity depositor representation

3.9.1 List of associated business rules of the entity depositor representation

Code	Name	business rule classification	business rule scope	severity
omc0006	depositor representation omc0006 jointly representation must have at least 2 representatives	other model constraint	Checked within the data delivery	signaling
omc0008	depositor representation omc0008 self representation is not allowed	other model constraint	Checked within the data delivery	signaling

3.9.2 Entity attribute reporting reference date of the entity depositor representation

3.9.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking

3.10 Entity entity type delivery

3.10.1 List of associated business rules of the entity entity type delivery

Code	Name	business rule classification	business rule scope	severity
omc0999	entity type delivery omc0999 rowcounts of entity type delivery must match the actual rowcounts of all logical entities	other model constraint	Checked within the data delivery	blocking

3.10.2 Entity attribute reporting reference date of the entity entity type delivery

3.10.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.11 Entity identification by document

3.11.1 List of associated business rules of the entity identification by document

Code	Name	business rule classification	business rule scope	severity
omc0003	identification by document omc0003 uniqueness check document numbers	other model constraint	Checked within the data delivery	signaling

3.11.2 Entity attribute reporting reference date of the entity identification by document

3.11.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking

3.11.3 Entity attribute issuing country of the entity identification by document

3.11.3.1 List of associated business rules of the entity attribute issuing country

Code	Name	business rule classification	business rule scope	severity
dmc0004	<attribute> dmc0004 country code must be in the iso 3166 country list	domain constraint	Checked within the data delivery	signaling

3.11.4 Entity attribute document number of the entity identification by document

3.11.4.1 List of associated business rules of the entity attribute document number

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.12 Entity logical data model

3.12.1 List of associated business rules of the entity logical data model

Code	Name	business rule classification	business rule scope	severity
smc0000	logical data model smc0000 missing child record in bank scv delivery	sub set model constraint	Checked within the data delivery	blocking

3.13 Entity mandatory identification by document

3.13.1 Entity attribute reporting reference date of the entity mandatory identification by document

3.13.1.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking

3.13.2 Entity attribute issuing country of the entity mandatory identification by document

3.13.2.1 List of associated business rules of the entity attribute issuing country

Code	Name	business rule classification	business rule scope	severity
dmc0004	<attribute> dmc0004 country code must be in the iso 3166 country list	domain constraint	Checked within the data delivery	signaling

3.14 Entity natural person

3.14.1 List of associated business rules of the entity natural person

Code	Name	business rule classification	business rule scope	severity
tmc0006	natural person tmc0006 mandatory official first names or unofficial first names or initials	tuple constraint	Checked within the data delivery	signaling

3.14.2 Entity attribute reporting reference date of the entity natural person

3.14.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.14.3 Entity attribute nationality of the entity natural person

3.14.3.1 List of associated business rules of the entity attribute nationality

Code	Name	business rule classification	business rule scope	severity
dmc0004	<attribute> dmc0004 country code must be in the iso 3166 country list	domain constraint	Checked within the data delivery	signaling

3.14.4 Entity attribute initials of the entity natural person

3.14.4.1 List of associated business rules of the entity attribute initials

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.14.5 Entity attribute birthname of the entity natural person

3.14.5.1 List of associated business rules of the entity attribute birthname

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.14.6 Entity attribute date of birth of the entity natural person

3.14.6.1 List of associated business rules of the entity attribute date of birth

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling
dmc0003	date of birth dmc0003 format must match the iso8601 or the exceptions	domain constraint	Checked within the data delivery	signaling
tmc0003	date of birth tmc0003 between 1900-01-01 and the reporting reference date	tuple constraint	Checked within the data delivery	signaling

3.15 Entity natural person identification

3.15.1 List of associated business rules of the entity natural person identification

Code	Name	business rule classification	business rule scope	severity
omc0007	natural person identification omc0007 BSN mandatory for natural persons with address country NL	other model constraint	Checked within the data delivery	signaling
omc0014	natural person identification omc0014 uniqueness check (non) natural person identification	other model constraint	Checked within the data delivery	signaling
tmc0002	natural person identification tmc0002 issuing country must correspond to the type of natural person identifier	tuple constraint	Checked within the data delivery	signaling

3.15.2 Entity attribute reporting reference date of the entity natural person identification

3.15.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking

3.15.3 Entity attribute issuing country of the entity natural person identification

3.15.3.1 List of associated business rules of the entity attribute issuing country

Code	Name	business rule classification	business rule scope	severity
dmc0004	<attribute> dmc0004 country code must be in the iso 3166 country list	domain constraint	Checked within the data delivery	signaling

3.15.4 Entity attribute identification number of the entity natural person identification

3.15.4.1 List of associated business rules of the entity attribute identification number

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling
dmc0002	identification number dmc0002 format must comply with the type of natural person identifier	domain constraint	Checked within the data delivery	signaling

3.16 Entity natural person with national identifier

3.16.1 List of associated business rules of the entity natural person with national identifier

Code	Name	business rule classification	business rule scope	severity
smc0014	natural person with national identifier smc0014 missing child record in natural person identification	sub set model constraint	Checked within the data delivery	signaling

3.16.2 Entity attribute reporting reference date of the entity natural person with national identifier

3.16.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.16.3 Entity attribute country of birth of the entity natural person with national identifier

3.16.3.1 List of associated business rules of the entity attribute country of birth

Code	Name	business rule classification	business rule scope	severity
dmc0004	<attribute> dmc0004 country code must be in the iso 3166 country list	domain constraint	Checked within the data delivery	signaling

3.17 Entity natural person without national identifier

3.17.1 List of associated business rules of the entity natural person without national identifier

Code	Name	business rule classification	business rule scope	severity
smc0013	natural person without national identifier smc0013 missing child record in mandatory identification by document	sub set model constraint	Checked within the data delivery	signaling

3.17.2 Entity attribute reporting reference date of the entity natural person without national identifier

3.17.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.17.3 Entity attribute birthplace of the entity natural person without national identifier

3.17.3.1 List of associated business rules of the entity attribute birthplace

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.17.4 Entity attribute country of birth of the entity natural person without national identifier

3.17.4.1 List of associated business rules of the entity attribute country of birth

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling
dmc0004	<attribute> dmc0004 country code must be in the iso 3166 country list	domain constraint	Checked within the data delivery	signaling

3.18 Entity non blocked bank account

3.18.1 Entity attribute reporting reference date of the entity non blocked bank account

3.18.1.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.19 Entity non natural person

3.19.1 Entity attribute reporting reference date of the entity non natural person

3.19.1.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.19.2 Entity attribute registered name of the entity non natural person

3.19.2.1 List of associated business rules of the entity attribute registered name

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.19.3 Entity attribute registered place of the entity non natural person

3.19.3.1 List of associated business rules of the entity attribute registered place

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.19.4 Entity attribute registered country of the entity non natural person

3.19.4.1 List of associated business rules of the entity attribute registered country

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling
dmc0004	<attribute> dmc0004 country code must be in the iso 3166 country list	domain constraint	Checked within the data delivery	signaling

3.20 Entity non natural person identification

3.20.1 List of associated business rules of the entity non natural person identification

Code	Name	business rule classification	business rule scope	severity
omc0002	non natural person identification omc0002 at least one issuing country must match registered country	other model constraint	Checked within the data delivery	signaling
omc0015	non natural person identification omc0015 uniqueness check (non) natural person identification	other model constraint	Checked within the data delivery	signaling
tmc0001	non natural person identification tmc0001 issuing country must correspond to the type of non natural person identifier	tuple constraint	Checked within the data delivery	signaling

3.20.2 Entity attribute reporting reference date of the entity non natural person identification

3.20.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking

3.20.3 Entity attribute issuing country of the entity non natural person identification

3.20.3.1 List of associated business rules of the entity attribute issuing country

Code	Name	business rule classification	business rule scope	severity
dmc0004	<attribute> dmc0004 country code must be in the iso 3166 country list	domain constraint	Checked within the data delivery	signaling

3.20.4 Entity attribute registration number of the entity non natural person identification

3.20.4.1 List of associated business rules of the entity attribute registration number

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling
dmc0001	registration number dmc0001 format must comply with the type of non natural person identifier	domain constraint	Checked within the data delivery	signaling

3.21 Entity non natural person with identifier

3.21.1 List of associated business rules of the entity non natural person with identifier

Code	Name	business rule classification	business rule scope	severity
smc0012	non natural person with identifier smc0012 missing child record in non natural person identification	sub set model constraint	Checked within the data delivery	signaling

3.21.2 Entity attribute reporting reference date of the entity non natural person with identifier

3.21.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.22 Entity non natural person without identifier

3.22.1 List of associated business rules of the entity non natural person without identifier

Code	Name	business rule classification	business rule scope	severity
smc0001	non natural person without identifier smc0001 zero occurrences	sub set model constraint	Checked within the data delivery	signaling

3.22.2 Entity attribute reporting reference date of the entity non natural person without identifier

3.22.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.23 Entity optional identification by document

3.23.1 Entity attribute reporting reference date of the entity optional identification by document

3.23.1.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking

3.23.2 Entity attribute issuing country of the entity optional identification by document

3.23.2.1 List of associated business rules of the entity attribute issuing country

Code	Name	business rule classification	business rule scope	severity
dmc0004	<attribute> dmc0004 country code must be in the iso 3166 country list	domain constraint	Checked within the data delivery	signaling

3.24 Entity party

3.24.1 List of associated business rules of the entity party

Code	Name	business rule classification	business rule scope	severity
smc0006	party smc0006 missing child record in address	sub set model constraint	Checked within the data delivery	signaling
smc0015	party smc0015 missing child record in party role	sub set model constraint	Checked within the data delivery	signaling
tmc0004	party tmc0004 mandatory telephone number or mobile number	tuple constraint	Checked within the data delivery	signaling

3.24.2 Entity attribute reporting reference date of the entity party

3.24.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.25 Entity party role

3.25.1 Entity attribute reporting reference date of the entity party role

3.25.1.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.26 Entity qualified depositor

3.26.1 Entity attribute reporting reference date of the entity qualified depositor

3.26.1.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.27 Entity qualified depositor representation

3.27.1 Entity attribute reporting reference date of the entity qualified depositor representation

3.27.1.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking

3.28 Entity representative

3.28.1 List of associated business rules of the entity representative

Code	Name	business rule classification	business rule scope	severity
omc0012	representative omc0012 representative who is a natural person must be of legal age	other model constraint	Checked within the data delivery	signaling
smc0009	representative smc0009 missing child record in depositor representation	sub set model constraint	Checked within the data delivery	signaling

3.28.2 Entity attribute reporting reference date of the entity representative

3.28.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.29 Entity structured address

3.29.1 Entity attribute street of the entity structured address

3.29.1.1 List of associated business rules of the entity attribute street

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.29.2 Entity attribute house number of the entity structured address

3.29.2.1 List of associated business rules of the entity attribute house number

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.29.3 Entity attribute postal code of the entity structured address

3.29.3.1 List of associated business rules of the entity attribute postal code

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.29.4 Entity attribute place of the entity structured address

3.29.4.1 List of associated business rules of the entity attribute place

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

3.30 Entity unqualified depositor

3.30.1 List of associated business rules of the entity unqualified depositor

Code	Name	business rule classification	business rule scope	severity
smc0011	unqualified depositor smc0011 missing child record in unqualified depositor representation	sub set model constraint	Checked within the data delivery	signaling

3.30.2 Entity attribute reporting reference date of the entity unqualified depositor

3.30.2.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking
omc0031	delivery omc0031 reporting reference date must match dnbmetadata.xml	other model constraint	Checked within the data delivery	blocking

3.31 Entity unqualified depositor representation

3.31.1 Entity attribute reporting reference date of the entity unqualified depositor representation

3.31.1.1 List of associated business rules of the entity attribute reporting reference date

Code	Name	business rule classification	business rule scope	severity
dmc0007	reporting reference date dmc0007 date format must be YYYY-MM-DD	domain constraint	Checked within the data delivery	blocking

3.32 Entity unstructured address

3.32.1 Entity attribute address line 1 of the entity unstructured address

3.32.1.1 List of associated business rules of the entity attribute address line 1

Code	Name	business rule classification	business rule scope	severity
dmc0000	<attribute> dmc0000 mandatory value missing	domain constraint	Checked within the data delivery	signaling

4. Model basic constraints

4.1 List of entity attributes

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'bank'	bank_identifier	Variable characters (20)		X	X	
Entity 'depositor'	bank_identifier	Variable characters (20)		X	X	
Entity 'depositor'	reporting_reference_date	Date	reporting reference date	X	X	
Entity 'depositor'	party_identifier	Variable characters (34)		X	X	
Entity 'depositor'	role_of_party	Variable characters (14)	role of party	X	X	
Entity 'depositor'	eligible_depositor	Variable characters (50)	code		X	X
Entity 'depositor'	reliability_indicator	Variable characters (50)	code		X	X
Entity 'depositor'	depositor_bank_relation_number	Variable characters (34)				
Entity 'depositor'	depositor_qualification	Variable characters (21)	depositor qualification		X	
Entity 'depositor'	correspondence_language	Variable characters (50)	code			X
Entity 'non natural person'	bank_identifier	Variable characters (20)		X	X	
Entity 'non natural person'	reporting_reference_date	Date	reporting reference date	X	X	
Entity 'non natural person'	party_identifier	Variable characters (34)		X	X	
Entity 'non natural person'	registered_name	Variable multibyte (70)				
Entity 'non natural person'	registered_place	Variable multibyte (100)				
Entity 'non natural person'	registered_country	Characters (2)	iso 3166 country			

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'non natural person'	legal_capacity	Variable characters (50)	code		X	X
Entity 'non natural person'	enterprise_size	Variable characters (50)	code		X	X
Entity 'natural person'	bank_identifier	Variable characters (20)		X	X	
Entity 'natural person'	reporting_reference_date	Date	reporting reference date	X	X	
Entity 'natural person'	party_identifier	Variable characters (34)		X	X	
Entity 'natural person'	nationality	Characters (2)	iso 3166 country			
Entity 'natural person'	initials	Variable multibyte (20)				
Entity 'natural person'	official_first_names	Variable multibyte (255)				
Entity 'natural person'	unofficial_first_names	Variable multibyte (255)				
Entity 'natural person'	birthname	Variable multibyte (70)				
Entity 'natural person'	affix_of_birthname	Variable multibyte (10)				
Entity 'natural person'	lastname	Variable multibyte (70)				
Entity 'natural person'	affix_of_lastname	Variable multibyte (10)				
Entity 'natural person'	date_of_birth	Variable characters (10)	date with exceptions			
Entity 'natural person'	gender	Variable characters (50)	code		X	X
Entity 'natural person'	vital_status	Variable characters (50)	code		X	X
Entity 'structured address'	street	Variable multibyte (255)				
Entity 'structured address'	house_number	Variable characters (10)				
Entity 'structured address'	house_number_addition	Variable multibyte (10)				
Entity 'structured address'	postal_code	Variable characters (13)				

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'structured address'	place	Variable multibyte (100)				
Entity 'structured address'	additional_details	Variable multibyte (35)				
Entity 'unstructured address'	address_line_1	Variable multibyte (100)				
Entity 'unstructured address'	address_line_2	Variable multibyte (100)				
Entity 'unstructured address'	address_line_3	Variable multibyte (100)				
Entity 'unstructured address'	address_line_4	Variable multibyte (100)				
Entity 'unstructured address'	address_line_5	Variable multibyte (100)				
Entity 'unstructured address'	address_line_6	Variable multibyte (100)				
Entity 'identification by document'	bank_identifier	Variable characters (20)		X	X	X
Entity 'identification by document'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'identification by document'	party_identifier	Variable characters (34)		X	X	X
Entity 'identification by document'	type_of_identification_document	Variable characters (50)	code	X	X	X
Entity 'identification by document'	issuing_country	Characters (2)	iso 3166 country	X	X	
Entity 'identification by document'	document_number	Variable characters (36)				
Entity 'type of identification document'	code	Variable characters (50)	code	X	X	
Entity 'representative'	bank_identifier	Variable characters (20)		X	X	
Entity 'representative'	reporting_reference_date	Date	reporting reference date	X	X	

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'representative'	party_identifier	Variable characters (34)		X	X	
Entity 'representative'	role_of_party	Variable characters (14)	role of party	X	X	
Entity 'representative'	representative_bank_relation_number	Variable characters (34)				
Entity 'depositor representation'	bank_identifier	Variable characters (20)		X	X	X
Entity 'depositor representation'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'depositor representation'	dep_party_identifier	Variable characters (34)		X	X	X
Entity 'depositor representation'	dep_role_of_party	Variable characters (14)	role of party	X	X	X
Entity 'depositor representation'	rep_party_identifier	Variable characters (34)		X	X	X
Entity 'depositor representation'	rep_role_of_party	Variable characters (14)	role of party	X	X	X
Entity 'depositor representation'	type_of_representation_competence	Variable characters (50)	code		X	X
Entity 'party'	bank_identifier	Variable characters (20)		X	X	X
Entity 'party'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'party'	party_identifier	Variable characters (34)		X	X	
Entity 'party'	type_of_party	Variable characters (18)	type of party		X	
Entity 'party'	identifier_indicator	Variable characters (24)	identifier_indicator		X	

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'party'	telephone_number	Variable characters (20)				
Entity 'party'	mobile_number	Variable characters (20)				
Entity 'party'	e_mail_address	Variable characters (254)				
Entity 'address'	structured_address_indicator	Variable characters (20)	structured address indicator		X	
Entity 'address'	country	Characters (2)	iso 3166 country			
Entity 'bank account'	bank_identifier	Variable characters (20)		X	X	X
Entity 'bank account'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'bank account'	bank_account_identifier	Variable characters (34)		X	X	
Entity 'bank account'	type_of_bank_account	Variable characters (50)	code		X	X
Entity 'bank account'	type_of_third_party_account	Variable characters (50)	code		X	X
Entity 'bank account'	eligible_account	Variable characters (50)	code		X	X
Entity 'bank account'	bank_account_number	Variable characters (34)				
Entity 'bank account'	ascription	Variable multibyte (255)				
Entity 'bank account'	product_label	Variable multibyte (50)				
Entity 'bank account'	currency	Characters (3)	iso 4217 currency			
Entity 'bank account'	balance	Decimal (16,0)	amount (positive and negative)			
Entity 'bank account'	interest	Decimal (16,0)	amount (positive and negative)			
Entity 'bank account'	blocked_account_indicator	Variable characters (24)	blocked account indicator		X	
Entity 'bank account'	country_of_branch_of_account	Characters (2)	iso 3166 country			

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'bank account'	country_of_cross_border_service	Variable characters (50)	code		X	X
Entity 'bank account'	count_of_depositors	Integer				
Entity 'bank account ownership'	bank_identifier	Variable characters (20)		X	X	X
Entity 'bank account ownership'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'bank account ownership'	party_identifier	Variable characters (34)		X	X	X
Entity 'bank account ownership'	role_of_party	Variable characters (14)	role of party	X	X	X
Entity 'bank account ownership'	bank_account_identifier	Variable characters (34)		X	X	X
Entity 'bank account ownership'	participation_percentage	Decimal (7,0)	real number from 0 to 1 with 6 decimals			
Entity 'blockage reason'	code	Variable characters (50)	code	X	X	
Entity 'bank account blockage'	bank_identifier	Variable characters (20)		X	X	X
Entity 'bank account blockage'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'bank account blockage'	bank_account_identifier	Variable characters (34)		X	X	X
Entity 'bank account blockage'	blockage_reason	Variable characters (50)	code	X	X	X
Entity 'bank account blockage'	explanation	Variable multibyte (511)				
Entity 'type of bank account'	code	Variable characters (50)	code	X	X	
Entity 'natural person identification'	bank_identifier	Variable characters (20)		X	X	X
Entity 'natural person identification'	reporting_reference_date	Date	reporting reference date	X	X	X

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'natural person identification'	party_identifier	Variable characters (34)		X	X	X
Entity 'natural person identification'	type_of_natural_person_identifier	Variable characters (50)	code	X	X	X
Entity 'natural person identification'	issuing_country	Characters (2)	iso 3166 country	X	X	
Entity 'natural person identification'	identification_number	Variable characters (20)				
Entity 'non blocked bank account'	bank_identifier	Variable characters (20)		X	X	
Entity 'non blocked bank account'	reporting_reference_date	Date	reporting reference date	X	X	
Entity 'non blocked bank account'	bank_account_identifier	Variable characters (34)		X	X	
Entity 'blocked bank account'	bank_identifier	Variable characters (20)		X	X	
Entity 'blocked bank account'	reporting_reference_date	Date	reporting reference date	X	X	
Entity 'blocked bank account'	bank_account_identifier	Variable characters (34)		X	X	
Entity 'enterprise size'	code	Variable characters (50)	code	X	X	
Entity 'type of representation competence'	code	Variable characters (50)	code	X	X	
Entity 'enumeration'	code	Variable characters (50)	code	X	X	
Entity 'enumeration'	enumeration_type	Variable characters (50)	code		X	X
Entity 'enumeration'	description	Variable characters (255)			X	
Entity 'enumeration'	effective_from_date	Date			X	
Entity 'enumeration'	effective_to_date	Date			X	
Entity 'enumeration type'	code	Variable characters (50)	code	X	X	

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'vital status'	code	Variable characters (50)	code	X	X	
Entity 'non natural person identification'	bank_identifier	Variable characters (20)		X	X	X
Entity 'non natural person identification'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'non natural person identification'	party_identifier	Variable characters (34)		X	X	X
Entity 'non natural person identification'	type_of_non_natural_person_identifier	Variable characters (50)	code	X	X	X
Entity 'non natural person identification'	issuing_country	Characters (2)	iso 3166 country	X	X	
Entity 'non natural person identification'	registration_number	Variable characters (64)				
Entity 'natural person with national identifier'	bank_identifier	Variable characters (20)		X	X	
Entity 'natural person with national identifier'	reporting_reference_date	Date	reporting reference date	X	X	
Entity 'natural person with national identifier'	party_identifier	Variable characters (34)		X	X	
Entity 'natural person with national identifier'	birthplace	Variable multibyte (100)				
Entity 'natural person with national identifier'	country_of_birth	Characters (2)	iso 3166 country			
Entity 'natural person without national identifier'	bank_identifier	Variable characters (20)		X	X	

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'natural person without national identifier'	reporting_reference_date	Date	reporting reference date	X	X	
Entity 'natural person without national identifier'	party_identifier	Variable characters (34)		X	X	
Entity 'natural person without national identifier'	birthplace	Variable multibyte (100)				
Entity 'natural person without national identifier'	country_of_birth	Characters (2)	iso 3166 country			
Entity 'non natural person without identifier'	bank_identifier	Variable characters (20)		X	X	
Entity 'non natural person without identifier'	reporting_reference_date	Date	reporting reference date	X	X	
Entity 'non natural person without identifier'	party_identifier	Variable characters (34)		X	X	
Entity 'non natural person with identifier'	bank_identifier	Variable characters (20)		X	X	
Entity 'non natural person with identifier'	reporting_reference_date	Date	reporting reference date	X	X	
Entity 'non natural person with identifier'	party_identifier	Variable characters (34)		X	X	
Entity 'unqualified depositor'	bank_identifier	Variable characters (20)		X	X	
Entity 'unqualified depositor'	reporting_reference_date	Date	reporting reference date	X	X	

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'unqualified depositor'	party_identifier	Variable characters (34)		X	X	
Entity 'unqualified depositor'	role_of_party	Variable characters (14)	role of party	X	X	
Entity 'qualified depositor'	bank_identifier	Variable characters (20)		X	X	
Entity 'qualified depositor'	reporting_reference_date	Date	reporting reference date	X	X	
Entity 'qualified depositor'	party_identifier	Variable characters (34)		X	X	
Entity 'qualified depositor'	role_of_party	Variable characters (14)	role of party	X	X	
Entity 'party role'	bank_identifier	Variable characters (20)		X	X	X
Entity 'party role'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'party role'	party_identifier	Variable characters (34)		X	X	X
Entity 'party role'	role_of_party	Variable characters (14)	role of party	X	X	
Entity 'logical data model'	code	Variable characters (50)	code	X	X	
Entity 'logical data model'	name	Variable multibyte (255)	medium sized string		X	
Entity 'logical data model'	version	Variable multibyte (255)	medium sized string		X	
Entity 'entity type'	logical_data_model_code	Variable characters (50)	code	X	X	X
Entity 'entity type'	entity_type_code	Variable characters (50)	code	X	X	
Entity 'entity type'	delivery_control_type	Variable characters (50)	code		X	X
Entity 'delivery control type'	code	Variable characters (50)	code	X	X	
Entity 'attribute'	logical_data_model_code	Variable characters (50)	code	X	X	X

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'attribute'	entity_type_code	Variable characters (50)	code	X	X	X
Entity 'attribute'	attribute_code	Variable characters (50)	code	X	X	
Entity 'attribute'	delivery_control_type	Variable characters (50)	code		X	X
Entity 'attribute'	rank	Integer	positive integer		X	
Entity 'entity type delivery'	logical_data_model_code	Variable characters (50)	code	X	X	X
Entity 'entity type delivery'	entity_type_code	Variable characters (50)	code	X	X	X
Entity 'entity type delivery'	bank_identifier	Variable characters (20)		X	X	X
Entity 'entity type delivery'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'entity type delivery'	rowcount	Integer			X	
Entity 'type of third party account'	code	Variable characters (50)	code	X	X	
Entity 'reliability indicator'	code	Variable characters (50)	code	X	X	
Entity 'eligibility indicator'	code	Variable characters (50)	code	X	X	
Entity 'delivery'	reporting_reference_date	Date	reporting reference date	X	X	
Entity 'bank scv delivery'	bank_identifier	Variable characters (20)		X	X	X
Entity 'bank scv delivery'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'gender'	code	Variable characters (50)	code	X	X	
Entity 'legal capacity'	code	Variable characters (50)	code	X	X	
Entity 'type of natural person identifier'	code	Variable characters (50)	code	X	X	

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'type of non natural person identifier'	code	Variable characters (50)	code	X	X	
Entity 'unqualified depositor representation'	bank_identifier	Variable characters (20)		X	X	X
Entity 'unqualified depositor representation'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'unqualified depositor representation'	dep_party_identifier	Variable characters (34)		X	X	X
Entity 'unqualified depositor representation'	dep_role_of_party	Variable characters (14)	role of party	X	X	X
Entity 'unqualified depositor representation'	rep_party_identifier	Variable characters (34)		X	X	
Entity 'unqualified depositor representation'	rep_role_of_party	Variable characters (14)	role of party	X	X	
Entity 'qualified depositor representation'	bank_identifier	Variable characters (20)		X	X	X
Entity 'qualified depositor representation'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'qualified depositor representation'	dep_party_identifier	Variable characters (34)		X	X	X

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'qualified depositor representation'	dep_role_of_party	Variable characters (14)	role of party	X	X	X
Entity 'qualified depositor representation'	rep_party_identifier	Variable characters (34)		X	X	
Entity 'qualified depositor representation'	rep_role_of_party	Variable characters (14)	role of party	X	X	
Entity 'mandatory identification by document'	bank_identifier	Variable characters (20)		X	X	X
Entity 'mandatory identification by document'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'mandatory identification by document'	party_identifier	Variable characters (34)		X	X	X
Entity 'mandatory identification by document'	type_of_identification_document	Variable characters (50)	code	X	X	
Entity 'mandatory identification by document'	issuing_country	Characters (2)	iso 3166 country	X	X	
Entity 'optional identification by document'	bank_identifier	Variable characters (20)		X	X	X
Entity 'optional identification by document'	reporting_reference_date	Date	reporting reference date	X	X	X
Entity 'optional identification by document'	party_identifier	Variable characters (34)		X	X	X
Entity 'optional identification by document'	type_of_identification_document	Variable characters (50)	code	X	X	

Parent	Code	Data Type	Domain	Primary Identifier	Mandatory	Foreign Identifier
Entity 'optional identification by document'	issuing_country	Characters (2)	iso 3166 country	X	X	
Entity 'correspondence language'	code	Variable characters (50)	code	X	X	
Entity 'eer country'	code	Variable characters (50)	code	X	X	

4.2 List of domains

Name	Code	Data Type
amount (positive and negative)	amount_positive_and_negative	Decimal (16,0)
blocked account indicator	blocked_account_indicator	Variable characters (24)
code	code	Variable characters (50)
date with exceptions	date_with_exceptions	Variable characters (10)
depositor qualification	depositor_qualification	Variable characters (21)
identifier_indicator	identifier_indicator	Variable characters (24)
iso 3166 country	iso_3166_country	Characters (2)
iso 4217 currency	iso_4217_currency	Characters (3)
medium sized string	medium_sized_string	Variable multibyte (255)
positive integer	positive_integer	Integer
real number from 0 to 1 with 6 decimals	real_number_from_0_to_1_with_6_decimals	Decimal (7,0)
reporting reference date	reporting_reference_date	Date
role of party	role_of_party	Variable characters (14)
structured address indicator	structured_address_indicator	Variable characters (20)
type of party	type_of_party	Variable characters (18)

4.3 Domain amount (positive and negative)

4.3.1 Card of domain amount (positive and negative)

Name	amount (positive and negative)
Code	amount_positive_and_negative
Comment	Positive and negative monetary amount in cents without decimals. Negative amounts should be prefixed with the negative sign '-'.
Data Type	Decimal (16,0)

4.3.2 Standard checks of domain amount (positive and negative)

Minimum Value	
Maximum Value	
Format	
List Of Values	
Complete	Yes

4.3.3 List of all dependencies of the domain amount (positive and negative)

Parent	Name	Code	Class Name
Entity 'bank account'	balance	balance	Entity Attribute
Entity 'bank account'	interest	interest	Entity Attribute

4.4 Domain blocked account indicator

4.4.1 Card of domain blocked account indicator

Name	blocked account indicator
Code	blocked_account_indicator
Comment	This domain is the basis for the equally named inheritance differentiator and is to ensure that only values of the list of values can be applied.
Data Type	Variable characters (24)

4.4.2 Standard checks of domain blocked account indicator

Minimum Value	
Maximum Value	
Format	
List Of Values	blocked_bank_account non_blocked_bank_account
Complete	Yes

4.4.3 List of all dependencies of the domain blocked account indicator

Parent	Name	Code	Class Name
Entity 'bank account'	blocked account indicator	blocked_account_indicator	Entity Attribute

4.5 Domain code

4.5.1 Card of domain code

Name	code
Code	code
Comment	Code is an alphanumeric set of characters.
Data Type	Variable characters (50)

4.5.2 Standard checks of domain code

Minimum Value	
Maximum Value	
Format	
List Of Values	
Complete	Yes

4.5.3 List of all dependencies of the domain code

Parent	Name	Code	Class Name
Entity 'attribute'	attribute code	attribute_code	Entity Attribute
Entity 'bank account blockage'	blockage reason	blockage_reason	Entity Attribute
Entity 'type of third party account'	code	code	Entity Attribute
Entity 'reliability indicator'	code	code	Entity Attribute

Parent	Name	Code	Class Name
Entity 'enumeration type'	code	code	Entity Attribute
Entity 'vital status'	code	code	Entity Attribute
Entity 'type of representation competence'	code	code	Entity Attribute
Entity 'gender'	code	code	Entity Attribute
Entity 'legal capacity'	code	code	Entity Attribute
Entity 'enterprise size'	code	code	Entity Attribute
Entity 'logical data model'	code	code	Entity Attribute
Entity 'delivery control type'	code	code	Entity Attribute
Entity 'type of non natural person identifier'	code	code	Entity Attribute
Entity 'type of natural person identifier'	code	code	Entity Attribute
Entity 'eer country'	code	code	Entity Attribute
Entity 'correspondence language'	code	code	Entity Attribute
Entity 'eligibility indicator'	code	code	Entity Attribute
Entity 'type of bank account'	code	code	Entity Attribute
Entity 'blockage reason'	code	code	Entity Attribute
Entity 'enumeration'	code	code	Entity Attribute
Entity 'type of identification document'	code	code	Entity Attribute
Entity 'depositor'	correspondence language	correspondence_language	Entity Attribute
Entity 'bank account'	country of cross border service	country_of_cross_border_service	Entity Attribute
Entity 'entity type'	delivery control type	delivery_control_type	Entity Attribute
Entity 'attribute'	delivery control type	delivery_control_type	Entity Attribute
Entity 'bank account'	eligible account	eligible_account	Entity Attribute
Entity 'depositor'	eligible depositor	eligible_depositor	Entity Attribute
Entity 'non natural person'	enterprise size	enterprise_size	Entity Attribute
Entity 'attribute'	entity type code	entity_type_code	Entity Attribute
Entity 'entity type'	entity type code	entity_type_code	Entity Attribute
Entity 'entity type delivery'	entity type code	entity_type_code	Entity Attribute
Entity 'enumeration'	enumeration type	enumeration_type	Entity Attribute
Entity 'natural person'	gender	gender	Entity Attribute
Entity 'non natural person'	legal capacity	legal_capacity	Entity Attribute
Entity 'entity type'	logical data model code	logical_data_model_code	Entity Attribute
Entity 'attribute'	logical data model code	logical_data_model_code	Entity Attribute
Entity 'entity type delivery'	logical data model code	logical_data_model_code	Entity Attribute
Entity 'depositor'	reliability indicator	reliability_indicator	Entity Attribute
Entity 'bank account'	type of bank account	type_of_bank_account	Entity Attribute
Entity 'optional identification by document'	type of identification document	type_of_identification_document	Entity Attribute
Entity 'mandatory identification by document'	type of identification document	type_of_identification_document	Entity Attribute
Entity 'identification by document'	type of identification document	type_of_identification_document	Entity Attribute
Entity 'natural person identification'	type of natural person identifier	type_of_natural_person_identifier	Entity Attribute
Entity 'non natural person identification'	type of non natural person identifier	type_of_non_natural_person_identifier	Entity Attribute

Parent	Name	Code	Class Name
Entity 'depositor representation'	type of representation competence	type_of_representation_competence	Entity Attribute
Entity 'bank account'	type of third party account	type_of_third_party_account	Entity Attribute
Entity 'natural person'	vital status	vital_status	Entity Attribute

4.6 Domain date with exceptions

4.6.1 Card of domain date with exceptions

Name	date with exceptions
Code	date_with_exceptions
Comment	All possible dates as of 0001-01-01. Includes the exception formats "YYYY-00-00" and "YYYY-MM-00". Standard format is YYYY-MM-DD, according to ISO-8601:2400. implemented as a validation rule: dmc0003
Data Type	Variable characters (10)

4.6.2 Standard checks of domain date with exceptions

Minimum Value	
Maximum Value	
Format	YYYY-MM-DD
List Of Values	
Complete	Yes

4.6.3 List of associated business rules of the domain date with exceptions

Name	Code	Rule Type
date of birth dmc0003 format must match the iso8601 or the exceptions	dmc0003	Constraint

4.6.4 List of all dependencies of the domain date with exceptions

Parent	Name	Code	Class Name
Entity 'natural person'	date of birth	date_of_birth	Entity Attribute

4.7 Domain depositor qualification

4.7.1 Card of domain depositor qualification

Name	depositor qualification
Code	depositor_qualification
Comment	This domain is the basis for the equally named inheritance differentiator and is to ensure that only values of the list of values can be applied.
Data Type	Variable characters (21)

4.7.2 Standard checks of domain depositor qualification

Minimum Value	
Maximum Value	
Format	
List Of Values	qualified_depositor unqualified_depositor
Complete	Yes

4.7.3 List of all dependencies of the domain depositor qualification

Parent	Name	Code	Class Name
Entity 'depositor'	depositor qualification	depositor_qualification	Entity Attribute

4.8 Domain identifier_indicator

4.8.1 Card of domain identifier_indicator

Name	identifier_indicator
Code	identifier_indicator
Comment	This domain is the basis for the equally named inheritance differentiator and is to ensure that only values of the list of values can be applied.
Data Type	Variable characters (24)

4.8.2 Standard checks of domain identifier_indicator

Minimum Value	
Maximum Value	
Format	
List Of Values	party_with_identifier party_without_identifier
Complete	Yes

4.8.3 List of all dependencies of the domain identifier_indicator

Parent	Name	Code	Class Name
Entity 'party'	identifier indicator	identifier_indicator	Entity Attribute

4.9 Domain iso 3166 country

4.9.1 Card of domain iso 3166 country

Name	iso 3166 country
Code	iso_3166_country
Comment	Subdomain for domain ISO-3166 Country Codes (ISO3166 Domain) staging. implemented as a validation rule: dmc0004
Data Type	Characters (2)

4.9.2 Standard checks of domain iso 3166 country

Minimum Value	
Maximum Value	
Format	
List Of Values	
Complete	Yes

4.9.3 List of all dependencies of the domain iso 3166 country

Parent	Name	Code	Class Name
Entity 'address'	country	country	Entity Attribute
Entity 'natural person with national identifier'	country of birth	country_of_birth	Entity Attribute
Entity 'natural person without national identifier'	country of birth	country_of_birth	Entity Attribute
Entity 'bank account'	country of branch of account	country_of_branch_of_account	Entity Attribute
Entity 'natural person identification'	issuing country	issuing_country	Entity Attribute
Entity 'optional identification by document'	issuing country	issuing_country	Entity Attribute
Entity 'mandatory identification by document'	issuing country	issuing_country	Entity Attribute
Entity 'non natural person identification'	issuing country	issuing_country	Entity Attribute
Entity 'identification by document'	issuing country	issuing_country	Entity Attribute
Entity 'natural person'	nationality	nationality	Entity Attribute
Entity 'non natural person'	registered country	registered_country	Entity Attribute

4.10 Domain iso 4217 currency

4.10.1 Card of domain iso 4217 currency

Name	iso 4217 currency
Code	iso_4217_currency
Comment	ISO 4217 standard code for the currency. implemented as a validation rule: dmc0005
Data Type	Characters (3)

4.10.2 Standard checks of domain iso 4217 currency

Minimum Value	
Maximum Value	
Format	
List Of Values	
Complete	Yes

4.10.3 List of all dependencies of the domain iso 4217 currency

Parent	Name	Code	Class Name
Entity 'bank account'	currency	currency	Entity Attribute

4.11 Domain medium sized string

4.11.1 Card of domain medium sized string

Name	medium sized string
Code	medium_sized_string
Comment	
Data Type	Variable multibyte (255)

4.11.2 Standard checks of domain medium sized string

Minimum Value	
Maximum Value	
Format	
List Of Values	
Complete	Yes

4.11.3 List of all dependencies of the domain medium sized string

Parent	Name	Code	Class Name
Entity 'logical data model'	name	name	Entity Attribute
Entity 'logical data model'	version	version	Entity Attribute

4.12 Domain positive integer

4.12.1 Card of domain positive integer

Name	positive integer
Code	positive_integer
Comment	Positive integer is an integer that is 0 or larger then 0.
Data Type	Integer

4.12.2 Standard checks of domain positive integer

Minimum Value	0
Maximum Value	
Format	
List Of Values	
Complete	Yes

4.12.3 List of all dependencies of the domain positive integer

Parent	Name	Code	Class Name
Entity 'attribute'	rank	rank	Entity Attribute

4.13 Domain real number from 0 to 1 with 6 decimals

4.13.1 Card of domain real number from 0 to 1 with 6 decimals

Name	real number from 0 to 1 with 6 decimals
Code	real_number_from_0_to_1_with_6_decimals
Comment	Real numbers from 1 to 999.999 in one millionths of the reported amount. implemented as a validation rule: dmc0006 Example: 0.6 is to be reported as 600000 0.018 is to be reported as 18000
Data Type	Decimal (7,0)

4.13.2 Standard checks of domain real number from 0 to 1 with 6 decimals

Minimum Value	1
Maximum Value	999999
Format	
List Of Values	
Complete	Yes

4.13.3 List of all dependencies of the domain real number from 0 to 1 with 6 decimals

Parent	Name	Code	Class Name
Entity 'bank account ownership'	participation percentage	participation_percentage	Entity Attribute

4.14 Domain reporting reference date

4.14.1 Card of domain reporting reference date

Name	reporting reference date
Code	reporting_reference_date
Comment	reporting reference date is a date that indicates the date the attribute type delivery pertains to. Defined as yyyy-mm-dd. implemented as a validation rule: dmc0007
Data Type	Date

4.14.2 Standard checks of domain reporting reference date

Minimum Value	
Maximum Value	
Format	YYYY-MM-DD
List Of Values	
Complete	Yes

4.14.3 List of associated business rules of the domain reporting reference date

Name	Code	Rule Type
reporting reference date dmc0007 date format must be YYYY-MM-DD	dmc0007	Constraint

4.14.4 List of all dependencies of the domain reporting reference date

Parent	Name	Code	Class Name
Entity 'delivery'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'qualified depositor'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'natural person identification'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'qualified depositor representation'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non natural person identification'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'natural person with national identifier'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'unqualified depositor'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'natural person without national identifier'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non natural person without identifier'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'optional identification by document'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non natural person with identifier'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'unqualified depositor representation'	reporting reference date	reporting_reference_date	Entity Attribute

Parent	Name	Code	Class Name
Entity 'mandatory identification by document'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'blocked bank account'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'party role'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'identification by document'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'natural person'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'representative'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'party'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non natural person'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'depositor representation'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'non blocked bank account'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'bank scv delivery'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'bank account'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'depositor'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'bank account ownership'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'bank account blockage'	reporting reference date	reporting_reference_date	Entity Attribute
Entity 'entity type delivery'	reporting reference date	reporting_reference_date	Entity Attribute

4.15 Domain role of party

4.15.1 Card of domain role of party

Name	role of party
Code	role_of_party
Comment	This domain is the basis for the equally named inheritance differentiator and is to ensure that only values of the list of values can be applied.
Data Type	Variable characters (14)

4.15.2 Standard checks of domain role of party

Minimum Value	
Maximum Value	
Format	
List Of Values	depositor representative
Complete	Yes

4.15.3 List of all dependencies of the domain role of party

Parent	Name	Code	Class Name
Entity 'qualified depositor representation'	dep role of party	dep_role_of_party	Entity Attribute
Entity 'depositor representation'	dep role of party	dep_role_of_party	Entity Attribute
Entity 'unqualified depositor representation'	dep role of party	dep_role_of_party	Entity Attribute
Entity 'unqualified depositor representation'	rep role of party	rep_role_of_party	Entity Attribute
Entity 'qualified depositor representation'	rep role of party	rep_role_of_party	Entity Attribute
Entity 'depositor representation'	rep role of party	rep_role_of_party	Entity Attribute
Entity 'unqualified depositor'	role of party	role_of_party	Entity Attribute
Entity 'bank account ownership'	role of party	role_of_party	Entity Attribute
Entity 'party role'	role of party	role_of_party	Entity Attribute
Entity 'representative'	role of party	role_of_party	Entity Attribute
Entity 'depositor'	role of party	role_of_party	Entity Attribute
Entity 'qualified depositor'	role of party	role_of_party	Entity Attribute

4.16 Domain structured address indicator

4.16.1 Card of domain structured address indicator

Name	structured address indicator
Code	structured_address_indicator
Comment	This domain is the basis for the equally named inheritance differentiator and is to ensure that only values of the list of values can be applied.
Data Type	Variable characters (20)

4.16.2 Standard checks of domain structured address indicator

Minimum Value	
Maximum Value	
Format	
List Of Values	structured_address unstructured_address
Complete	Yes

4.16.3 List of all dependencies of the domain structured address indicator

Parent	Name	Code	Class Name
Entity 'address'	structured address indicator	structured_address_indicator	Entity Attribute

4.17 Domain type of party

4.17.1 Card of domain type of party

Name	type of party
Code	type_of_party
Comment	This domain is the basis for the equally named inheritance differentiator and is to ensure that only values of the list of values can be applied. The type of party is used to indicate if a party is a 'natural person' or a 'non natural person'
Data Type	Variable characters (18)

4.17.2 Standard checks of domain type of party

Minimum Value	
Maximum Value	
Format	
List Of Values	non_natural_person natural_person
Complete	Yes

4.17.3 List of all dependencies of the domain type of party

Parent	Name	Code	Class Name
Entity 'party'	type of party	type_of_party	Entity Attribute

4.18 List of relationships

Name	Code	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality
classifies	reliability_indicator_classifies_depositor	depositor	reliability indicator		0,n	1,1
classifies	eligibility_indicator_classifies_depositor	depositor	eligibility indicator		0,n	1,1
classifies	delivery_control_type_classifies_attribute	attribute	delivery control type		0,n	1,1
classifies	type_of_third_party_account_classifies_bank_account	bank account	type of third party account		0,n	1,1
classifies	delivery_control_type_classifies_entity_type	entity type	delivery control type		0,n	1,1
classifies	correspondence_language_classifies_depositor	depositor	correspondence language		0,n	0,1
classifies	eligibility_indicator_classifies_bank_account	bank account	eligibility indicator		0,n	1,1
classifies	type_of_representation_competence_classifies_depositor_representation	depositor representation	type of representation competence		0,n	1,1
classifies	type_of_non_natural_person_identifier_classifies_non_natural_person_identification	non natural person identification	type of non natural person identifier	non natural person identification -> type of non natural person identifier	0,n	1,1
classifies	eer_country_classifies_bank_account_cross_border_service	bank account	eer country		0,n	1,1
classifies	type_of_natural_person_identifier_classifies_natural_person_identification	natural person identification	type of natural person identifier	natural person identification -> type of natural person identifier	0,n	1,1
classifies	legal_capacity_classifies_non_natural_person	non natural person	legal capacity		0,n	1,1
classifies	delivery_has_bank_scv_delivery	bank scv delivery	delivery	bank scv delivery -> delivery	0,n	1,1
classifies	gender_classifies_natural_person	natural person	gender		0,n	1,1

Name	Code	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality
classifies	entity_type_classifies_attribute	attribute	entity type	attribute -> entity type	0,n	1,1
classifies	enumeration_type_classifies_enumeration	enumeration	enumeration type		0,n	1,1
classifies	blockage_reason_classifies_bank_account_blockage	bank account blockage	blockage reason	bank account blockage -> blockage reason	0,n	1,1
classifies	enterprise_size_classifies_non_natural_person	non natural person	enterprise size		0,n	1,1
classifies	type_of_bank_account_classifies_bank_account	bank account	type of bank account		0,n	1,1
classifies	vital_status_classifies_natural_person	natural person	vital status		0,n	1,1
classifies	type_of_identification_document_classifies_identification_by_document	identification by document	type of identification document	identification by document -> type of identification document	0,n	1,1
contains	logical_datamodel_contains_entity_type	entity type	logical data model	entity type -> logical data model	0,n	1,1
delivers	bank_delivers_bank_scv_delivery	bank scv delivery	bank	bank scv delivery -> bank	0,n	1,1
has a	party_has_a_party_role	party role	party	party role -> party	0,n	1,1
has part in	representative_has_part_in_depositor_representation	depositor representation	representative	depositor representation -> representative	0,n	1,1
has part in	depositor_has_part_in_bank_account_ownership	bank account ownership	depositor	bank account ownership -> depositor	1,n	1,1
interacts with	bank_interacts_with_party	party	bank scv delivery	party -> bank scv delivery	1,n	1,1
is basis for	bank_scv_delivery_is_basis_for_entity_delivery	entity type delivery	bank scv delivery	entity type delivery -> bank scv delivery	1,n	1,1

Name	Code	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality
is checked in	entity_type_is_checked_in_entity_type_delivery	entity type delivery	entity type	entity type delivery -> entity type	1,n	1,1
is located at	party_is_located_at_address	address	party	address -> party	0,1	1,1
is subject to	bank_account_is_subject_to_bank_account_ownership	bank account ownership	bank account	bank account ownership -> bank account	1,n	1,1
is subject to	blocked_bank_account_is_subject_to_bank_account_blockage	bank account blockage	blocked bank account	bank account blockage -> blocked bank account	0,n	1,1
issues	bank_issues_bank_account	bank account	bank scv delivery	bank account -> bank scv delivery	1,n	1,1
may be subject to	qualified_depositor_may_be_subject_to_depositor_representation	qualified depositor representation	qualified depositor	qualified depositor representation -> qualified depositor	0,n	1,1
may be subject to	depositor_may_be_subject_to_depositor_representation	depositor representation	depositor	depositor representation -> depositor	0,n	1,1
may be subject to	natural_person_may_be_subject_to_identification_by_document	identification by document	natural person	identification by document -> natural person	0,n	1,1
may be subject to	natural_person_with_national_identifier_may_be_subject_to_identification_by_document	optional identification by document	natural person with national identifier	optional identification by document -> natural person with national identifier	0,n	1,1

Name	Code	Entity 2	Entity 1	Dependent Role	Entity 1 -> Entity 2 Role Cardinality	Entity 2 -> Entity 1 Role Cardinality
must be subject to	natural_person_with_national_identifier_must_be_subject_to_natural_person_identification	natural person identification	natural person with national identifier	natural person identification -> natural person with national identifier	0,n	1,1
must be subject to	unqualified_depositor_must_be_subject_to_depositor_representation	unqualified depositor representation	unqualified depositor	unqualified depositor representation -> unqualified depositor	0,n	1,1
must be subject to	non_natural_person_with_identifier_must_be_subject_to_non_natural_person_identification	non natural person identification	non natural person with identifier	non natural person identification -> non natural person with identifier	0,n	1,1
must be subject to	natural_person_without_national_identifier_must_be_subject_to_identification_by_document	mandatory identification by document	natural person without national identifier	mandatory identification by document -> natural person without national identifier	0,n	1,1