GetAccountServicerByAlias

This document includes information exported from the ISO 20022 web site(http://www.iso20022.org).

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1.1   API Functionality

Returns account servicer details for a designated alias that the NPP Participant made accessible to their client.

Outline

The GetAccountServicerByAlias API is composed of 2 BuildingBlocks:

A. Request

HTTP request sent by the API client

B. Response

HTTP response returned by server.

1.2   Structure

Or	Element/BuildingBlock	Mult.	Type	Constr. No.	Page
	Root	[1..1]			
	Request	[0..1]			4
	RequestAliasType	[1..1]	CodeSet		4
	RequestAliasValue	[1..1]	Text		4
	Response	[0..1]			4
	AliasType	[1..1]	CodeSet		4
	AliasValue	[1..1]	Text		5
	AliasName	[0..1]	Text		5
	AccountServicer	[0..1]	IdentifierSet	C1	5
	Registered	[0..1]	DateTime		5
	Status	[0..1]	CodeSet		5

1.3   Constraints

C1   **AnyBIC**

Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered by the ISO 9362 Registration Authority in the BIC directory, and consists of eight (8) or eleven (11) contiguous characters.

1.4   Building Blocks

This chapter describes the BuildingBlocks of this API.

1.4.1   Request

Presence: [0..1]

Definition: HTTP request sent by the API client

Request contains the following **AccountServicerAliasRequest3** elements

Or	Element	Mult.	Type	Constr. No.	Page
	RequestAliasType	[1..1]	CodeSet		4
	RequestAliasValue	[1..1]	Text		4

1.4.1.1 RequestAliasType

Presence: [1..1]

Definition: Contains the type of Alias Identifier. E.g. an email, a phone number or an Australian

Business Number.

Datatype: "aliasxternaAliasType1Code" on page 6

1.4.1.2 RequestAliasValue

Presence: [1..1]

Definition: Contains the actual value for the supplied type, so an email address, a phone number etc.

Datatype: "Max2048Text" on page 7

1.4.2   Response

Presence: [0..1]

Definition: HTTP response returned by server.

Response contains the following **AccountServicerAliasResponse3** elements

Or	Element	Mult.	Type	Constr. No.	Page
	AliasType	[1..1]	CodeSet		4
	AliasValue	[1..1]	Text		5
	AliasName	[0..1]	Text		5
	AccountServicer	[0..1]	IdentifierSet	C1	5
	Registered	[0..1]	DateTime		5
	Status	[0..1]	CodeSet		5

1.4.2.1 AliasType

Presence: [1..1]

Definition: Contains the type of Alias Identifier. E.g. an email, a phone number or an Australian

Business Number.

Datatype: "aliasxternaAliasType1Code" on page 6

1.4.2.2 AliasValue

Presence: [1..1]

Definition: Contains the actual value for the supplied type, so an email address, a phone number etc.

Datatype: "Max2048Text" on page 7

1.4.2.3 AliasName

Presence: [0..1]

Definition: Alias name by which a party is known and which is usually used to identify that party.

Datatype: "Max140Text" on page 7

1.4.2.4 AccountServicer

Presence: [0..1]

Definition: Specifies the account servicer for designated alias.

Impacted by: C1 "AnyBIC"

Datatype: "AnyBICIdentifier" on page 7

Constraints

- **AnyBIC**

  Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered by the ISO 9362 Registration Authority in the BIC directory, and consists of eight (8) or eleven (11) contiguous characters.

1.4.2.5 Registered

Presence: [0..1]

Definition: pecifies the date and time when this Alias has been registered.

Datatype: "ISODateTime" on page 6

1.4.2.6 Status

Presence: [0..1]

Definition:

Datatype: "ExternalAddressing1Code" on page 6

2   Types

2.1   Datatypes

2.1.1   CodeSet

2.1.1.1 aliasxternaAliasType1Code

Definition: Specifies the alias type as published in an external code list.

Type: CodeSet

Format

minLength	1
maxLength	4

2.1.1.2 ExternalAddressing1Code

Definition:

Type: CodeSet

2.1.2   DateTime

2.1.2.1 ISODateTime

Definition: A particular point in the progression of time defined by a mandatory date and a mandatory time component, expressed in either UTC time format (YYYY-MM-DDThh:mm:ss.sssZ), local time with UTC offset format (YYYY-MM-DDThh:mm:ss.sss+/-hh:mm), or local time format (YYYY-MM-DDThh:mm:ss.sss). These representations are defined in "XML Schema Part 2: Datatypes Second Edition - W3C Recommendation 28 October 2004" which is aligned with ISO 8601.

Note on the time format:

1) beginning / end of calendar day

00:00:00 = the beginning of a calendar day

24:00:00 = the end of a calendar day

2) fractions of second in time format

Decimal fractions of seconds may be included. In this case, the involved parties shall agree on the maximum number of digits that are allowed.

Type: DateTime

2.1.3 IdentifierSet

2.1.3.1 AnyBICIdentifier

Definition: Code allocated to a financial or non-financial institution by the ISO 9362 Registration Authority, as described in ISO 9362 "Banking - Banking telecommunication messages - Business identifier code (BIC)".

Type: IdentifierSet

Identification scheme: SWIFT; AnyBICIdentifier

Format

pattern	[A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}

Constraints

- **AnyBIC**

  Only a valid Business identifier code is allowed. Business identifier codes for financial or non-financial institutions are registered by the ISO 9362 Registration Authority in the BIC directory, and consists of eight (8) or eleven (11) contiguous characters.

2.1.4 Text

2.1.4.1 Max140Text

Definition: Specifies a character string with a maximum length of 140 characters.

Type: Text

Format

minLength	1
maxLength	140

2.1.4.2 Max2048Text

Definition: Specifies a character string with a maximum length of 2048 characters.

Type: Text

Format

minLength	1
maxLength	2048

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