Disclose replacement API definition: searchSchemes

This API operation allows the client to submit a scheme search request to retrieve schemes currently in the system restricting the results based on search criteria supplied.

Document purpose

This document outlines the data fields that will be exposed in the upcoming Disclose REST API, intended to support developers in preparing for the migration from the legacy SOAP-based services. It includes a mapping between the proposed JSON field names and their counterparts in the existing SOAP XML schema and the new Disclose Register web interface.

Please note that this document does not represent the finalised API design. The attributes listed may reside within nested objects or structures not detailed here. A complete OpenAPI Specification (OAS) will be published following the completion of the API design and initial development phases, enabling consumers to begin integration and implementation work.

searchSchemes operation

Operation method	GET
Description	Allows public users to search for schemes in the Disclose Register.
Version	
Endpoint	/schemes

Legend

Column Name	Description
Difference between REST JSON and SOAP XML element	The following options are used to indicate the nature of the difference , if any, between the new REST OpenAPI JSON element versus the current SOAP XML API element. • name - element name changed • enum - list of values changed • structure - structural changed • str - surplus to requirement Note: The following types of general differences are generally applicable and not included in the column 'Difference between REST JSON and SOAP XML element': • REST API element name format uses Camel case, e.g. offerNumber, while the SOAP XML element name format uses Pascal case, e.g. OfferNumber. • REST API enum values are also in Camel case, e.g. australasianEquities, while the SOAP XML enum values are in uppercase with underscore, e.g. AUSTRALASIAN_EQUITIES. Other minor naming updates to enum values have been made in some cases.

Column Name	Description
	• REST API element name for document fields adds the suffix 'Document', e.g. fundUpdateDocument.

Type	• string(x) - alphanumeric value, maximum of x characters
	
	• string(enum) - this is a special case to indicate that the allowed values for this string field are based on a pre-defined list of values.
	
	• integer(x) - integer value, maximum of x digits
	
	• number(x) - numeric value with decimal places (i.e., float or double), maximum of x digits including decimal places. The number of decimal places is specified in the 'Format' column.
	
	• date - date only field, no time component, using standard format as specified in the 'Format' column
	
	• date-time - date field with time component, using standard format as specified in the 'Format' column
	
	• boolean - true or false
	
	• array – for array data where an array of objects is returned in the API response.
	
	• repeater-endpoint - this is for array data, to indicate that the initial response will return an endpoint for retrieving the array data in paginated form.
	
	    • If there are no relevant records the element is not returned, otherwise it will include a totalResults attribute to indicate how many items can be retrieved.
	
	    • The url endpoint accepts page and page-size parameters to define how much data to return in each API call.
	
	    • In some cases the first page of data may be included in the initial API response and the url endpoint can be used to retrieve further data if needed.
	
	• single-document - this is for elements that return details of a single document

Request

When no search parameters are supplied all schemes will be returned.

With at least one search parameter, e.g. scheme name or number, etc. The response may return zero, one, or multiple results depending on the matches found by the search.

Operation: searchSchemes request parameters						
Ref	Disclose REST OpenAPI Element Name	Type	New Disclose Register UI Label	Mandatory?	Old SOAP XML Element Name	Difference between REST JSON and SOAP XML element
1	name-or-number Searches for the following: • Current and former Scheme name • Scheme number • Current and former Manager name • Current and former Manager identifier • Current and former Manager NZBN - only if input is more than 10 digits.		None	No	SchemeNameNumber Searches for the following: • Current Scheme name • Scheme number	name Matching type. Searches for.

Operation: searchSchemes request parameters						
Ref	Disclose REST OpenAPI Element Name	Type	New Disclose Register UI Label	Mandatory?	Old SOAP XML Element Name	Difference between REST JSON and SOAP XML element
2	manager-name-or-number Searches for the following: • Current and former Manager name • Current and former Manager identifier • Current and former Manager NZBN - only if input is more than 10 digits.		None	No	ManagerNameNumber	name
3	type enum: • managedFund • otherMis	enum string	Scheme type	No	SchemeType enum: • MANAGED_FUND • OTHER_MIS	name enum
4	status enum: • registered • cancelled	enum string	Status	No	SchemeStatus enum: • pending • registered • rejected • cancelled	name enum
5	registration-date		Date scheme registered	No	RegistrationDate >RegistrationDateStart	name
6	registration-date-operator enum: • equalTo • lessThan • greaterThanOrEqual • between.	enum string		No		new
7	registration-date-secondary	string		Yes, if registration-date-operator is "between". Must not be included otherwise.	RegistrationDate >RegistrationDateEnd	name

	Operation: searchSchemes request parameters					
Ref	Disclose REST OpenAPI Element Name	Type	New Disclose Register UI Label	Mandatory?	Old SOAP XML Element Name	Difference between REST JSON and SOAP XML element
8	subtype enum: • residentialOrCommercialProperty • mortgage • agricultural • other	enum string	Scheme sub type	No	SchemeSubType enum: • RESIDENTIAL_COMMERCIAL_PROPERTY • MORTGAGE • AGRICULTURAL • OTHER • KIWISAVER • SUPERANNUATION • WORKPLACESAVINGS	name enum
9	fund-subtype enum: • kiwisaver • superannuation • workplaceSavings • other	enum string	Scheme sub type	No		
10	is-kiwi-saver-default		Default KiwiSaver	No	DefaultKWSSchemeYn	name
11	page-size enum: • 20 • 50 • 100 • 200			enum	No Default:20		Current Public API returns max 300.
12	page		number	No Default:1		

Response

searchSchemes response data					
Ref	Disclose REST OpenAPI Element Name	Type	New Disclose Register UI Label	Old SOAP XML Element Name	Difference between REST JSON and SOAP XML element
1	searchCriteria	As per request criteria.			
2	totalResults				
3	searchResults	array			
4	schemeName	string	none	SchemeSummary >SchemeIdentification >>CurrentName	name
5	previousNames previousNames.name previousNames.startDate previousNames.endDate	array			new
6	schemeNumber	string	none	SchemeSummary >SchemeIdentification >>SchemeNumber	name
7				SchemeSummary >SchemeIdentification >>Version	str
8	status	string		SchemeSummary >SchemeStatus	name
9	type	string		SchemeSummary >SchemeType	name
10	registrationDate	string	Registered on	SchemeSummary >RegistrationDate	
11	schemeOtherManagedInvestmentSubtype	string		SchemeSummary >SchemeSubtypeRecord >>SchemeSubType	name
12	managedFundInvestmentSchemeSubType	string			
13	hasRestrictedScheme	boolean	Restricted scheme	SchemeSummary >RestrictedSchemeYn	name

searchSchemes response data					
Ref	Disclose REST OpenAPI Element Name	Type	New Disclose Register UI Label	Old SOAP XML Element Name	Difference between REST JSON and SOAP XML element
14	participantName	string	Manager	SchemeSummary >ManagerName	name
15	participantId	string	none	SchemeSummary >ManagerNumber	name

16	previousManagers
	    previousManagers.participantName
	    previousManagers.participantId
	    previousManagers.startDate
	    previousManagers.endDate
		array			new