/ariel

Show/Hide APIs | List APIs

GET /databases

Show/Hide Versions | List Versions

0.1 | EXPERIMENTAL

Retrieve Ariel database names

Description

Retrieve a list of the Ariel databases that are available.

Response Description

The names of the Ariel databases that are available.

Success Responses

HTTP Response	Description
200	The database list was retrieved.

Error Responses

HTTP Response	Unique Code	Description
500	1020	An error occurred while attempting to retrieve the list of Ariel databases.

Response Type

MIME Type	Schema
☑ application/json	Warning: No schema available for this response type. Results are not under formal contract.

Try it out!

GET /databases/{databaseName}

Show/Hide Versions | List Versions

0.1 | EXPERIMENTAL

Retrieve the columns defined for a specific Ariel database

Description

Retrieve the columns that are defined for the specified Ariel database.

This is the set of columns that can be explicitly named in the column list of a SELECT query. Also, it is the set of columns that is selected by the query expression 'SELECT * from database'.

Response Description

A list of columns defined for the specified database. Multiple properties of each column are returned. For example, the column ID, or an indication of if the column is indexable.

Success Responses

HTTP Response	Description
200	The database columns were retrieved.

Error Responses

HTTP Response	Unique Code	Description
404	1002	The database does not exist.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to retrieve the database columns.

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
databaseName	path	(required)	String	text/plain	View	Required - The name of the Ariel database to retrieve the columns for.

Try it out!

GET /searches

Show/Hide Versions | List Versions

0.1 | EXPERIMENTAL

Retrieve Ariel searchIDs

Description

Retrieve the list of Ariel searches. This includes searchIDs for completed and active searches.

Response Description

A list of the search IDs.

Success Responses

HTTP Response	Description
200	The search list was retrieved.

Error Responses

HTTP Response	Unique Code	Description
500	1020	An error occurred while attempting to retrieve the list of searches.

Response Type

MIME Type	Schema
☑ application/json	Warning: No schema available for this response type. Results are not under formal contract.

Try it out!

POST /searches

Show/Hide Versions | List Versions

0.1 | EXPERIMENTAL

Create a new asynchronous Ariel search

Description

Creates a new Ariel search as specified by the Ariel Query Language (AQL) query expression. Searches are executed asynchronously. A reference to the searchID is returned and should be used in subsequent API calls to determine the status of the search and retrieve the results once it is complete.

This endpoint only accepts SELECT and RUN query expressions.

Queries are applied to the range of data in a certain time interval. By default this time interval is the last 60 seconds. An alternative time interval can be specified by providing values for the startTime and endTime parameters. These parameters are used to express an inclusive time range, each value is interpreted as the number of milliseconds since 0:00:00, January 1, 1970 UTC. If both startTime and endTime parameters are not provided, the query interval defaults to the last 60 seconds. Alternatively a time interval can be specified as part of the query expression which takes precedence over the startTime and endTime parameters. For further information, see the AQL reference.

Response Description

Information about the specified search, including the searchID. Use the searchID to access or manipulate the search with the other API endpoints.
If the exact search being created was already recently created, the response message will return a reference to the original searchID rather than creating a new search.

Success Responses

HTTP Response	Description
201	A new Ariel search was successfully created.

Error Responses

HTTP Response	Unique Code	Description
409	1004	The search could not be created, the searchID provided is already in use. Please use a unique searchID.
422	2000	The queryExpression contains invalid AQL syntax.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to create a new search.

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
queryExpression	query	(required)	String	text/plain	View	Required - The AQL query to execute.
queryLanguageVersion	query		Integer	text/plain	View	Optional - The version of the AQL expression. Acceptable values are "1" and "2". The default value is "2".
searchID	query		String	text/plain	View	Optional - A searchID value to be used for the new search instead of a system generated searchID. The searchID must be unique and is only used for SELECT
startTime	query		Long	text/plain	View	Optional - The beginning of the query time interval, in milliseconds since 0:00:00 1/1/1970. The queryExpression time interval takes precedence over
endTime	query		Long	text/plain	View	Optional - The end of the query time interval, in milliseconds since 0:00:00 1/1/1970. The queryExpression time interval takes precedence over

Try it out!

GET /searches/{searchID} Show/Hide Versions | List Versions

0.1 | EXPERIMENTAL Retrieve information about a given Ariel search

Description

Retrieve status information for a search, based on the searchID parameter. The same informational fields are returned regardless of whether the search is currently executing or is complete.

Response Description

Information about the specified search, including search status.

Success Responses

HTTP Response	Description
200	The search information was retrieved.

Error Responses

HTTP Response	Unique Code	Description
404	1002	The search does not exist .
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to retrieve the search information.

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
searchID	path	(required)	String	text/plain	View	Required - The identifier for an Ariel search.

Try it out!

POST /searches/{searchID} Show/Hide Versions | List Versions

0.1 | EXPERIMENTAL Update an Ariel search

Description

Updates details for an Ariel search. Searches can be updated in the following two ways.
- An active search can be canceled by setting the status parameter to "CANCELED". This stops the search and keeps any search results that were collected before the search was canceled.
- The results for a completed search can be saved by setting the saveResults parameter to "true". This ensures that the search is not automatically removed when it expires in accordance with the retention policy.

The Ariel server uses an internal retention policy to manage available disk space. Searches might be deleted automatically, according to the settings of the retention policy. Searches with saved results are not automatically reclaimed by the server and are therefore retained. A search can be explicitly deleted using the endpoint 'DELETE /searches/{searchID}'.

Note: Saving too many search results might result in insufficient disk space to process new searches.

Response Description

Information about the specified search that was updated.

Success Responses

HTTP Response	Description
200	The search was updated.

Error Responses

HTTP Response	Unique Code	Description
404	1002	The search does not exist.
409	1008	The current status of the search prevented the search results from being saved.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to update the search.

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
searchID	path	(required)	String	text/plain	View	Required - The ID of the search to update.

saveResults	query		String	text/plain	View	Optional - The only accepted value is 'true'. If this value is provided, the search results will not be deleted by the search expiration removal process.
status	query		String	text/plain	View	Optional - The only accepted value is 'CANCELED'. If this value is provided the search will be canceled.

Try it out!

DELETE /searches/{searchID}

Show/Hide Versions | List Versions

0.1 | EXPERIMENTAL

Delete an Ariel search

Description

Deletes an Ariel search. This discards any results that were collected and stops the search if it is currently processing. This search is deleted regardless of whether the results were saved.

Response Description

There is no response body for a successfully deleted Ariel Search.

Success Responses

HTTP Response	Description
204	The search was deleted.

Error Responses

HTTP Response	Unique Code	Description
404	1002	The search does not exist.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to delete the search.

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
searchID	path	(required)	String	text/plain	View	Required - The searchID of the search to delete.

Try it out!

GET /searches/{searchID}/results

Show/Hide Versions | List Versions

0.1 | EXPERIMENTAL

Retrieves search results in the format requested

Description

Retrieve the results of the Ariel search that is identified by the searchID. The results are returned in the format indicated by the 'Accepts' request header. The format can be JSON, CSV, XML, or tabular text.

By default, all query result records are returned. To restrict the results to a contiguous subset of the records, supply the rangeStart and rangeEnd parameters to specify the inclusive range of records to be returned.

This end-point works with query results that are generated by AQL query expressions. This endpoint might not work as expected for results that are generated by other means. Search results may not be retrievable for searches that are created in the Console.

Response Description

The search results for the specified searchID. The format that is used to encapsulate the data depends on the format specified in the 'Accept' header for this request.

Success Responses

HTTP Response	Description
200	The search results were retrieved.

Error Responses

HTTP Response	Unique Code	Description
404	1002	The search does not exist.
404	1003	Search results not found, the search is still in progress.
422	1005	A request parameter is not valid.
422	1007	Retrieving the search results for this searchID is unsupported.
500	1020	

500	1020	An error occurred while attempting to retrieve the search results.

Response Type

MIME Type	Schema
☑ application/json	Warning: No schema available for this response type. Results are not under formal contract.
☐ application/csv	Warning: No schema available for this response type. Results are not under formal contract.
☐ text/table	Warning: No schema available for this response type. Results are not under formal contract.
☐ application/xml	Warning: No schema available for this response type. Results are not under formal contract.

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
searchID	path	(required)	String	text/plain	View	The ID of the search whose results are to be returned.
rangeStart	query		Integer	text/plain	View	The first row of the range of records to return, starting from one (1).
rangeEnd	query		Integer	text/plain	View	The last row of the range of records to be return.

Try it out!

/auth

Show/Hide APIs | List APIs

POST /logout

Show/Hide Versions | List Versions

1.0 | PROVISIONAL

Description

Invoke this method as an authorized user and your session will be invalidated.

Response Description

Returns true. Throws exception upon failure.

Response Type

MIME Type	Schema
☑ text/plain	Show/Hide

Try it out!

/help

Show/Hide APIs | List APIs

GET /capabilities

Show/Hide Versions | List Versions

1.0 | PROVISIONAL

List all QRadar API capabilities

Description

List the QRadar API capabilities. The response will contain all available RESTful resources We allow every authenticated user to access this method, but restrict the output based on their user capabilities

Error Responses

HTTP Response	Unique Code	Description
422	1001	Invalid input
422	1002	Our internal mapping has an unexpected structure or contains an invalid element value
500	1003	A generic error has occurred while retrieving our capabilities

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
categories	query		String[]	application/json	View	Restrict your search to this list of capabilities
paths	query		String[]	application/json	View	Restrict your search to these paths only
httpMethods	query		String[]	application/json	View	Restrict your search to these HTTP methods
version	query		Double	text/plain	View	Restrict your search to this version (or below)

showExperimental	query		Boolean	text/plain	View	If true, we include experimental endpoints (default is true)
showProvisional	query		Boolean	text/plain	View	If true, include provisional endpoints (default is true)

Try it out!

/qvm

Show/Hide APIs | List APIs

GET /assets

Show/Hide Versions | List Versions

1.0 | PROVISIONAL

Description

List the assets with discovered vulnerabilities present in the asset model. The response will contain all available RESTful resources

Response Description

list of assets data

Success Responses

HTTP Response	Description
200	The request to retrieve vulnerabilities by asset completed successfully

Error Responses

HTTP Response	Unique Code	Description
420	9101	Invalid search parameters, search cannot be performed

Response Type

MIME Type	Schema
☑ application/json	Warning: No schema available for this response type. Results are not under formal contract.

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
savedSearchId	query		String	text/plain	View	Id of saved search
savedSearchName	query		String	text/plain	View	Saved search name
filters	query		FilterDTO[]	application/json	View	List of JSON objects for application of bespoke query search dataset filter. Format

Try it out!

GET /filters

Show/Hide Versions | List Versions

1.0 | PROVISIONAL

Description

Get a list of the allowable filters that can be used or applied against the:

/qvm/assets
/qvm/vulns
/qvm/vulninstances
/qvm/openservices
/qvm/networks
queries

Response Description

list of Filters.

Success Responses

HTTP Response	Description
200	The search executed successfully

Error Responses

HTTP Response	Unique Code	Description
420	9102	An error occurred while executing the search

Response Type

MIME Type	Schema
☑ application/json	Warning: No schema available for this response type. Results are not under formal contract.

Try it out!

GET /network

Show/Hide Versions | List Versions

1.0 | PROVISIONAL

Description

List the networks present in the asset model with vulnerabilities present. The response will contain all available RESTful resources

Response Description

list of network related data

Success Responses

HTTP Response	Description
200	The request to retrieve vulnerabilities by network completed successfully

Error Responses

HTTP Response	Unique Code	Description
420	9101	Invalid search parameters, search cannot be performed

Response Type

MIME Type	Schema
☑ application/json	Warning: No schema available for this response type. Results are not under formal contract.

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
savedSearchId	query		String	text/plain	View	Id of saved search
savedSearchName	query		String	text/plain	View	Saved search name
filters	query		FilterDTO[]	application/json	View	List of JSON objects for application of bespoke query search dataset filter. Format

Try it out!

GET /openservices

Show/Hide Versions | List Versions

1.0 | PROVISIONAL

Description

List the openservices present in the asset model with vulnerabilities present. The response will contain all available RESTful resources

Response Description

list of open services related data

Success Responses

HTTP Response	Description
200	The request to retrieve vulnerabilities by open service completed successfully

Error Responses

HTTP Response	Unique Code	Description
420	9101	Invalid search parameters, search cannot be performed

Response Type

MIME Type	Schema
☑ application/json	Warning: No schema available for this response type. Results are not under formal contract.

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
savedSearchId	query		String	text/plain	View	Id of saved search
savedSearchName	query		String	text/plain	View	Saved search name
filters	query		FilterDTO[]	application/json	View	List of JSON objects for application of bespoke query search dataset filter. Format

Try it out!

GET /savedsearches

Show/Hide Versions | List Versions

GET /savedsearches Show/Hide Versions | List Versions

1.0 | PROVISIONAL

Description

Get a list of saved searchs that can be used or applied against the:

/qvm/assets
/qvm/vulns
/qvm/vulninstances
/qvm/openservices
/qvm/networks
queries

Response Description

list of saved searches. Per saved search: id, name and list fo filters that make up this saved search

Success Responses

HTTP Response	Description
200	The request to retrieve the list of saved searches completed successfully

Error Responses

HTTP Response	Unique Code	Description
420	9103	An error occurred while trying to retrieve the list of saved searches

Response Type

MIME Type	Schema
☑ application/json	Warning: No schema available for this response type. Results are not under formal contract.

Try it out!

POST /tickets/assign Show/Hide Versions | List Versions

1.0 | PROVISIONAL

Description

Update the remediation ticket for the assigned vulnerability

Response Description

success message if update succeed

Success Responses

HTTP Response	Description
200	The request to assign a ticket completed successfully

Error Responses

HTTP Response	Unique Code	Description
420	9104	An error occurred while trying to assign a ticket due to invalid arguments

Response Type

MIME Type	Schema
☑ application/json	Warning: No schema available for this response type. Results are not under formal contract.

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
ticket	body	(required)	TicketUpdate	application/json	N/A	

Try it out!

GET /vulninstances Show/Hide Versions | List Versions

1.0 | PROVISIONAL

Description

List the Vulnerability Instances present in the asset model. The response will contain all available RESTful resources

Response Description

list of vulnerability instance data

Success Responses

HTTP Response	Description
200	The request to retrieve vulnerabilities by instance completed successfully

Error Responses

HTTP Response	Unique Code	Description
420	9101	Invalid search parameters, search cannot be performed

Response Type

MIME Type	Schema
☑ application/json	Warning: No schema available for this response type. Results are not under formal contract.

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
savedSearchId	query		String	text/plain	View	Id of saved search
savedSearchName	query		String	text/plain	View	Saved search name
filters	query		FilterDTO[]	application/json	View	List of JSON objects for application of bespoke query search dataset filter. Format

Try it out!

GET /vulns

Show/Hide Versions | List Versions

1.0 | PROVISIONAL

Description

List the Vulnerabilities present in the asset model. The response will contain all available RESTful resources

Response Description

list of vulnerability data

Success Responses

HTTP Response	Description
200	The request to retrieve vulnerabilities completed successfully

Error Responses

HTTP Response	Unique Code	Description
420	9101	Invalid search parameters, search cannot be performed

Response Type

MIME Type	Schema
☑ application/json	Warning: No schema available for this response type. Results are not under formal contract.

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
savedSearchId	query		String	text/plain	View	Id of saved search
savedSearchName	query		String	text/plain	View	Saved search name
filters	query		FilterDTO[]	application/json	View	List of JSON objects for application of bespoke query search dataset filter. Format

Try it out!

/referencedata

Show/Hide APIs | List APIs

GET /mapOfSets

Show/Hide Versions | List Versions

0.1 | PROVISIONAL

Description

Retrieve a list of all reference map of sets

Response Description

A list of all of the reference map of sets. This returns information about the map of sets but not the contained data.

Success Responses

HTTP Response	Description
200	The reference map of sets list has been retrieved

Error Responses

HTTP Response	Unique Code	Description
500	1020	An error occurred while attempting to retrieve all of the reference map of sets

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Try it out!

POST /mapOfSets

Show/Hide Versions | List Versions

0.1 | PROVISIONAL

Description

Create a new reference map of sets

Response Description

Information about the newly created reference map of sets.

Success Responses

HTTP Response	Description
201	A new reference map of sets was successfully created

Error Responses

HTTP Response	Unique Code	Description
409	1004	The reference map of sets could not be created, the name provided is already in use. Please change the name and try again.
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to create the reference map of sets

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	query	(required)	String	text/plain	View	Required - The name of the reference map of sets to create
elementType	query	(required)	ReferenceDataType	text/plain	View	Required - The element type for the values allowed in the reference map of sets. The allowed values are: ALN (alphanumeric),
keyLabel	query		String	text/plain	View	Optional - The label to describe the keys
valueLabel	query		String	text/plain	View	Optional - The label to describe the data values
timeoutType	query		ReferenceDataTimeoutType	text/plain	View	Optional - The allowed values are "FIRST_SEEN", "LAST_SEEN" and "UNKNOWN". The default value is
timeToLive	query		String	text/plain	View	Optional - The time to live interval, for example: "1 month" or "5 minutes"

Try it out!

GET /mapOfSets/{name}

Show/Hide Versions | List Versions

0.1 | PROVISIONAL

Description

Return the reference map of sets identified by **name**. If provided, **limit** specifies the number of records to return starting at record specified by **offset**. If not specified, then the first 20 records will be returned.

Response Description

The reference map of sets identified by the name specified in the request. The portion of the reference map of sets' data returned is dependent on the limit and offset specified in the request.

Success Responses

Success Responses

HTTP Response	Description
200	The reference map of sets has been retrieved

Error Responses

HTTP Response	Unique Code	Description
404	1002	The reference map of sets does not exist
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to retrieve the reference map of sets

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	path	(required)	String	text/plain	View	Required - The name of the reference map of sets to retrieve
limit	query		Long	text/plain	View	Optional - The number of records to return. The default value is 20.
offset	query		Long	text/plain	View	Optional - The offset value. This indicates to retrieve values starting from the offset value rather than from the beginning of the reference map of sets. The default value

Try it out!

POST /mapOfSets/{name}

Show/Hide Versions | List Versions

0.1 | PROVISIONAL

Description

Add or update an element in a reference map of sets

Response Description

Information about the reference map of sets that has had an element added or updated. This returns information about the reference map of sets but not the contained data.

Success Responses

HTTP Response	Description
200	The reference map of sets has had an element added or updated

Error Responses

HTTP Response	Unique Code	Description
404	1002	The reference map of sets does not exist
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to add or update data in the reference map of sets

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	path	(required)	String	text/plain	View	Required - The name of the reference map of sets to add or update an element in
key	query	(required)	String	text/plain	View	Required - They key who's set we want to add or update
value	query	(required)	String	text/plain	View	Required - The value to add or update in the reference map of sets. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.
source	query		String	text/plain	View	Optional - This indicates where the data originated. The default value is 'reference data api'

Try it out!

DELETE /mapOfSets/{name}

Show/Hide Versions | List Versions

0.1 | PROVISIONAL

Description

Remove a map of sets or purge its contents

Response Description

If the reference map of sets was removed nothing is returned, otherwise information about the reference map of sets that had its contents purged is returned.

Success Responses

HTTP Response	Description
200	The reference map has had its contents purged
204	The reference map has been removed

Error Responses

HTTP Response	Unique Code	Description
404	1002	The reference map of sets does not exist
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to remove or purge values from the reference map of sets

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	path	(required)	String	text/plain	View	Required - The name of the reference map of sets to remove or purge
purgeOnly	query		String	text/plain	View	Optional - The allowed values are "false" or "true". The default value is false. This indicates if the reference map of sets should have its contents purged (true), keeping

Try it out!

DELETE /mapOfSets/{name}/{key}

Show/Hide Versions | List Versions

0.1 | PROVISIONAL

Description

Remove a value from a reference map of sets

Response Description

Information about the reference map of sets that had a value removed. This returns information about the reference map of sets but not the contained data.

Success Responses

HTTP Response	Description
200	The reference map of sets has had a value removed

Error Responses

HTTP Response	Unique Code	Description
404	1002	The reference map of sets does not exist
404	1003	The record does not exist in the reference map of sets
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to remove the reference map of sets value

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	path	(required)	String	text/plain	View	Required - The name of the reference map of sets to remove a value from
key	path	(required)	String	text/plain	View	Required - The key of the value to remove

value	query	(required)	String	text/plain	View	Required - The value to remove from the reference map of sets. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.

Try it out!

GET /maps

Show/Hide Versions | List Versions

0.1 | PROVISIONAL

Description

Retrieve a list of all reference maps

Response Description

A list of all of the reference maps. This returns information about the maps but not the contained data.

Success Responses

HTTP Response	Description
200	The reference map list has been retrieved

Error Responses

HTTP Response	Unique Code	Description
500	1020	An error occurred while attempting to retrieve all of the reference maps

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Try it out!

POST /maps

Show/Hide Versions | List Versions

0.1 | PROVISIONAL

Description

Create a new reference map

Response Description

Information about the newly created reference map.

Success Responses

HTTP Response	Description
201	A new reference map was successfully created

Error Responses

HTTP Response	Unique Code	Description
409	1004	The reference map could not be created, the name provided is already in use. Please change the name and try again.
422	1005	parameters were invalid
500	1020	An error occurred while attempting to create the reference map

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	query	(required)	String	text/plain	View	Required - The name of the reference map to create
keyLabel	query		String	text/plain	View	Optional - The label to describe the keys
valueLabel	query		String	text/plain	View	Optional - The label to describe the data values
elementType	query	(required)	ReferenceDataType	text/plain	View	Required - The element type for the values allowed in the reference map. The allowed values are: ALN (alphanumeric), ALNIC
timeoutType	query		ReferenceDataTimeoutType	text/plain	View	Optional - The allowed values are "FIRST_SEEN", "LAST_SEEN" and

						"FIRST_SEEN", "LAST_SEEN" and "UNKNOWN". The default value is
timeToLive	query		String	text/plain	View	Optional - The time to live interval, for example: "1 month" or "5 minutes"

Try it out!

GET /maps/{name}

Show/Hide Versions | List Versions

0.1 | PROVISIONAL

Description

Retrieve the reference map identified by **name**. If provided, **limit** specifies the number of records to return starting at record specified by **offset**. If not specified, then the first 20 records will be returned.

Response Description

The reference map identified by the name specified in the request. The portion of the reference map's data returned is dependent on the limit and offset specified in the request.

Success Responses

HTTP Response	Description
200	The reference map has been retrieved

Error Responses

HTTP Response	Unique Code	Description
404	1002	The reference map does not exist
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to retrieve the reference map

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	path	(required)	String	text/plain	View	Required - The name of the reference map to retrieve
limit	query		Long	text/plain	View	Optional - The number of records to return. The default value is 20.
offset	query		Long	text/plain	View	Optional - The offset value. This indicates to retrieve values starting from the offset value rather than from the beginning of the reference map. The default value is 0.

Try it out!

POST /maps/{name}

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0.1 | PROVISIONAL

Description

Add or update an element in a reference map

Response Description

Information about the reference map that had an element added or updated. This returns information about reference map but not the contained data.

Success Responses

HTTP Response	Description
200	The reference map has had an element added or updated

Error Responses

HTTP Response	Unique Code	Description
404	1002	The reference map does not exist
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to add or update data in the reference map

Response Type

MIME Type	Schema

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Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	path	(required)	String	text/plain	View	Required - The name of the reference map to add or update an element in
key	query	(required)	String	text/plain	View	Required - The key who's value we want to add or update
value	query	(required)	String	text/plain	View	Required - The value to add or update in the reference map. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.
source	query		String	text/plain	View	Optional - An indication of where the data originated. The default value is 'reference data api'

Try it out!

DELETE /maps/{name}

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0.1 | PROVISIONAL

Description

Remove a reference map or purge its contents

Response Description

If the reference map was removed nothing is returned, otherwise information about the reference map that had its contents purged is returned.

Success Responses

HTTP Response	Description
200	The reference map has had its contents purged
204	The reference map has been removed

Error Responses

HTTP Response	Unique Code	Description
404	1002	The reference map does not exist
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to remove or purge values from the reference map

Response Type

MIME Type	Schema
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Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	path	(required)	String	text/plain	View	Required - The name of the reference map to remove or purge
purgeOnly	query		String	text/plain	View	Optional - The allowed values are "false" or "true". The default value is false. This indicates if the reference map should have its contents purged (true), keeping the

Try it out!

DELETE /maps/{name}/{key}

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Description

Remove a value from a reference map

Response Description

Information about the reference map that had an element removed. This returns information about map but not the contained data.

Success Responses

HTTP Response	Description
200	The reference map has had a value removed

Error Responses

HTTP Response	Unique Code	Description
404	1002	The reference map does not exist

		The reference map does not exist
404	1003	The record does not exist in the reference map
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to remove the value from the reference map

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	path	(required)	String	text/plain	View	Required - The name of the reference map to remove a value from
key	path	(required)	String	text/plain	View	Required - The key of the value to remove
value	query	(required)	String	text/plain	View	Required - The value to remove from the reference map. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.

Try it out!

GET /sets

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Description

Retrieve a list of all reference sets.

Response Description

A list of all of the reference sets. This returns information about the sets but not the contained data.

Success Responses

HTTP Response	Description
200	The reference set list has been retrieved

Error Responses

HTTP Response	Unique Code	Description
500	1020	An error occurred while attempting to retrieve all of the reference sets

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Try it out!

POST /sets

Show/Hide Versions | List Versions

0.1 | PROVISIONAL

Description

Create a new reference set

Response Description

Information about the newly created reference set.

Success Responses

HTTP Response	Description
201	A new reference set was successfully created

Error Responses

HTTP Response	Unique Code	Description
409	1004	The reference set could not be created, the name provided is already in use. Please change the name and try again.
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to create the reference set

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	query	(required)	String	text/plain	View	Required - The name of the reference set being created
elementType	query	(required)	ReferenceDataType	text/plain	View	Required - The element type for the values allowed in the reference set. The allowed values are: ALN (alphanumeric), ALNIC
timeoutType	query		ReferenceDataTimeoutType	text/plain	View	Optional - The allowed values are "FIRST_SEEN", "LAST_SEEN" and "UNKNOWN". The default value is
timeToLive	query		String	text/plain	View	Optional - The time to live interval, for example: "1 month" or "5 minutes"

Try it out!

GET /sets/{name}

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Description

Retrieve the reference set identified by **name**. If provided, **limit** specifies the number of records to return starting at record specified by **offset**. If not specified, then the first 20 records will be returned.

Response Description

The reference set identified by the name specified in the request. The portion of the set's data returned is dependent on the limit and offset specified in the request.

Success Responses

HTTP Response	Description
200	The reference set has been retrieved

Error Responses

HTTP Response	Unique Code	Description
404	1002	The reference set does not exist.
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to retrieve the reference set

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	path	(required)	String	text/plain	View	Required - The name of the reference set to retrieve
limit	query		Long	text/plain	View	Optional - The number of records to return. The default value is 20.
offset	query		Long	text/plain	View	Optional - The offset value. This indicates to retrieve values starting from the offset value rather than from the beginning of the reference set. The default value is 0.

Try it out!

POST /sets/{name}

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Description

Add or update an element in a reference set

Response Description

Information about the reference set that had an element added or updated. This returns information about the reference set but not the contained data.

Success Responses

HTTP Response	Description
200	The reference set has had an element added or updated

Error Responses

HTTP Response	Unique Code	Description
404	1002	The reference set does not exist
422	1005	A request parameter is not valid
422	1006	The reference set is full and can not have any more values added.
500	1020	An error occurred while attempting to add or update an element in the reference set

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	path	(required)	String	text/plain	View	Required - The name of the reference set to add or update an element in
value	query	(required)	String	text/plain	View	Required - The value to add or update in the reference set. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.
source	query		String	text/plain	View	Optional - An indication of where the data originated. The default value is 'reference data api'

Try it out!

DELETE /sets/{name}

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Description

Remove a reference set or purge its contents

Response Description

If the reference set was removed nothing is returned, otherwise information about the reference set that had its contents purged is returned.

Success Responses

HTTP Response	Description
200	The reference set has had its contents purged
204	The reference set has been removed

Error Responses

HTTP Response	Unique Code	Description
404	1002	The reference set does not exist
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to remove or purge values from the reference set

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	path	(required)	String	text/plain	View	Required - The name of the set to remove or purge
purgeOnly	query		String	text/plain	View	Optional - The allowed values are "false" or "true". The default value is false. This indicates if the reference set should have its contents purged (true), keeping the

Try it out!

DELETE /sets/{name}/{value}

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Description

Remove a value from a reference set

Response Description

Information about the reference set that had an value removed. This returns information about the reference set but not the contained data.

Success Responses

HTTP Response	Description
200	The reference set that had a value removed

Error Responses

HTTP Response	Unique Code	Description
404	1002	The reference set does not exist
404	1003	The record does not exist in the reference set
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to remove the value from the reference set.

Response Type

MIME Type	Schema
☑ application/json	Show/Hide

Parameters

Parameter	Type	Value	Data Type	MIME Type	Schema	Details
name	path	(required)	String	text/plain	View	Required - The name of the reference set to remove a value from
value	path	(required)	String	text/plain	View	Required - The value to remove from the reference set. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.

Try it out!

POST /sets/bulkLoad/{name}

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Description

Add or update data in a reference set

Response Description

Information about the reference set that had data added or updated. This returns information about the reference set but not the contained data.

Success Responses

HTTP Response	Description
200	The reference set has had data added or updated