

BEHAVOX

DATALABS API

May 2023

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INTRODUCTION

DataLabs is a secure REST API provisioning data and insights from Behavox for external systems. The API provides access to the following data seen on the platform:

- Alerts
 - Alert details as seen on Compliance
 - Alert content participants
 - Alert justification sentences and corresponding risk policy
- Activity log
 - User actions
 - System actions
- Communications
 - Participants involved in communication
 - IDs for flagged alerts
 - Attachment metadata
 - Data mining artifacts found, such as ticker symbols, organizations, signatures, etc.
- Person
 - Person contact information
 - Person attributes

AUTHENTICATION

From the user profile page, you can generate an access token under the **Access Tokens** tab. To authenticate your calls, include your access token in the **Authorization** header as a bearer token.

```
`Authorization: Bearer ACCESS-TOKEN`
```

TAGS

CommunicationsV3 - the CommunicationsV3 API

ActivityLogs - the ActivityLogs API

Alerts - the Alerts API

Persons - the Persons API

PATHS

CommunicationsV3 API

GET /api/3/communications/find

Returns a list of communications for the given parameters.

PARAMETERS

TYPE	NAME	DESCRIPTION	SCHEMA
query	cursor <i>optional</i>	Current cursor of the response.	string
query	end-date <i>optional</i>	End date for the communications to get.	string (date-time)
query	company-name <i>optional</i>	The communication should contain at least one employee of the company in the participant list. Wildcards are supported.	<string> array
query	field <i>optional</i>	Additional fields as follows: "alertIds", "personIds", "persons".	<string> array
query	artifact-type <i>optional</i>	Only return communications with the artifact type specified.	<string> array
query	person-group <i>optional</i>	Person group for person to get.	<string> array
query	contact <i>optional</i>	Contacts used in communications. Wildcards are supported.	<string> array
query	limit <i>optional</i>	The maximum number of items to return in a single page.	integer (int32)

TYPE	NAME	DESCRIPTION	SCHEMA
query	start-date <i>required</i>	Start date for the communications to get.	string (date-time)
query	person-id <i>optional</i>	ID of participants.	<integer> array
query	data-type <i>optional</i>	Data type of the communications to get.	<string> array

RESPONSES

CODE	DESCRIPTION	LINKS
200	Successfully returned a list of communications. <i>Content</i> application/json	No Links

TYPE	NAME	SCOPES
apiKey	bearerAuth	

GET /api/3/communications

Returns communication data for given ids.

PARAMETERS

TYPE	NAME	DESCRIPTION	SCHEMA
query	field <i>optional</i>	Additional fields as follows: "alertIds", "personIds", "persons".	< string > array
query	ids <i>required</i>	ID of the communication to get.	< string > array

RESPONSES

CODE	DESCRIPTION	LINKS
200	Successfully returned communications. <i>Content</i> application/json	No Links

TYPE	NAME	SCOPES
apiKey	bearerAuth	

GET /api/3/artifacts

Returns communication artifacts.

PARAMETERS

TYPE	NAME	DESCRIPTION	SCHEMA
query	artifact-types <i>optional</i>	The list of artifact types to be returned. (By default, all artifact types are returned.)	< string > array
query	id <i>required</i>	ID of the communication to get.	< string > array

RESPONSES

CODE	DESCRIPTION	LINKS
200	Successfully returned communication artifacts. <i>Content</i> application/json	No Links

TYPE	NAME	SCOPES
apiKey	bearerAuth	

GET /api/3/features

Returns communication features.

PARAMETERS

TYPE	NAME	DESCRIPTION	SCHEMA
query	Id <i>required</i>	ID of the communication to get.	< string > array

RESPONSES

CODE	DESCRIPTION	LINKS
200	<p>Successfully returned communication features.</p> <p><i>Content</i></p> <p>application/json</p>	No Links

TYPE	NAME	SCOPES
apiKey	bearerAuth	

GET /api/3/data-types

Returns data-types communications.

RESPONSES

CODE	DESCRIPTION	LINKS
200	Successfully returned the data-types. <i>Content</i> application/json	No Links

TYPE	NAME	SCOPES
apiKey	bearerAuth	

Alerts API

GET /api/1/alerts

Returns a list of alerts.

PARAMETERS

TYPE	NAME	DESCRIPTION	SCHEMA
query	Severity <i>optional</i>	Severity level for the alert to get.	string
query	Cursor <i>optional</i>	Current cursor. Last id of the alert in the previous response.	integer (int32)
query	End-date <i>required</i>	End date for the alert.	string (date-time)
query	monitored-employee <i>optional</i>	ID of the monitored employee.	< integer > array
query	Alert-ids <i>optional</i>	IDs of alerts to load.	< integer > array
query	Level <i>optional</i>	Sharing level for the alert to get.	string
query	person-group <i>optional</i>	Person group for the alert to get.	< string > array

TYPE	NAME	DESCRIPTION	SCHEMA
query	Limit <i>optional</i>	The maximum number of items to return in a single page.	integer (int32)
query	scenario-name <i>optional</i>	Scenario name for the alert to get.	< string > array
query	start-date <i>required</i>	Start date for the alert.	string (date-time)

RESPONSES

CODE	DESCRIPTION	LINKS
200	Successfully returned a list of alerts. <i>Content</i> application/json text/plain	No Links
400	Bad request. <i>Content</i> application/json text/plain	No Links
401	Access token is missing or invalid. <i>Content</i> application/json text/plain	No Links

TYPE	NAME	SCOPES
apiKey	bearerAuth	

GET /api/1/alert

Returns alert for given alert id.

PARAMETERS

TYPE	NAME	DESCRIPTION	SCHEMA
query	alertId <i>required</i>	Numeric ID of the alert to get.	< integer > array

RESPONSES

CODE	DESCRIPTION	LINKS
200	Successfully returned an alert. <i>Content</i> application/json text/plain	No Links
400	Bad request. <i>Content</i> application/json text/plain	No Links
401	Access token is missing or invalid. <i>Content</i> application/json text/plain	No Links

GET /api/1/escalation-levels

Returns list of escalation levels.

RESPONSES

CODE	DESCRIPTION	LINKS
200	List of escalation levels. <i>Content</i> application/json	No Links

TYPE	NAME	SCOPES
apiKey	bearerAuth	

GET /api/1/resolutions

Returns list of resolutions.

RESPONSES

CODE	DESCRIPTION	LINKS
200	List of resolutions. <i>Content</i> application/json	No Links

GET /api/1/risk-policies

Returns list of risk policies.

RESPONSES

CODE	DESCRIPTION	LINKS
200	List of person groups <i>Content</i> application/json	No Links

TYPE	NAME	SCOPES
apiKey	bearerAuth	

Person API

GET /api/1/persons

Returns a list of persons.

PARAMETERS

TYPE	NAME	DESCRIPTION	SCHEMA
query	cursor <i>optional</i>	Current cursor. Last id of the person in the previous response.	string
query	person-ids <i>optional</i>	IDs of the persons to load.	< integer > array
query	internal <i>optional</i>	Filter persons by Internal/External flag. 'internal=true' means internal persons only will be returned, 'internal=false' means external persons only will be returned.	boolean
query	person-group <i>optional</i>	Person group for the person to get.	< string > array
query	Limit <i>optional</i>	The maximum number of items to return in a single page.	integer (int32)
query	creation-date-from <i>optional</i>	Start date for the person to get.	string (date-time)

RESPONSES

CODE	DESCRIPTION	LINKS
200	Successfully returned a list of persons. <i>Content</i> application/json text/plain	No Links
401	Access token is missing or invalid. <i>Content</i> application/json text/plain	No Links
403	Access is forbidden.	No Links

	<i>Content</i> application/json text/plain	
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TYPE	NAME	SCOPES
apiKey	bearerAuth	

GET /api/1/person-groups

Returns list of person groups.

RESPONSES

CODE	DESCRIPTION	LINKS
200	List of person groups. <i>Content</i> application/json	No Links

TYPE	NAME	SCOPES
apiKey	bearerAuth	

GET /api/1/person

Returns person for given person id.

PARAMETERS

TYPE	NAME	DESCRIPTION	SCHEMA
query	personId <i>required</i>	Numeric ID of the person to get.	< integer > array

RESPONSES

CODE	DESCRIPTION	LINKS
200	Successfully returned a person. <i>Content</i> application/json text/plain	No Links
401	Access token is missing or invalid. <i>Content</i> application/json text/plain	No Links
403	Access is forbidden. <i>Content</i> application/json text/plain	No Links

TYPE	NAME	SCOPES
apiKey	bearerAuth	

Activity Logs API

GET /api/1/activity-logs

Returns a list of activity logs.

PARAMETERS

TYPE	NAME	DESCRIPTION	SCHEMA
query	cursor <i>optional</i>	Current cursor, last Date of the Previous Page.	string (date-time)
query	end-date <i>required</i>	End date for activity log actions to get.	string (date-time)
query	module <i>optional</i>	Module of action to get.	string
query	limit <i>required</i>	The maximum number of items to return in a single page.	integer (int32)
query	action <i>optional</i>	Type of action to get.	string

TYPE	NAME	DESCRIPTION	SCHEMA
query	start-date <i>required</i>	Start date for the activity log actions to get.	string (date-time)
query	user <i>optional</i>	User of action to get.	string
query	element <i>optional</i>	Element type of action to get.	string

RESPONSES

CODE	DESCRIPTION	LINKS
200	Successfully returned a list of persons. <i>Content</i> application/json text/plain	No Links
401	Access token is missing or invalid. <i>Content</i> application/json text/plain	No Links
403	Access is forbidden. <i>Content</i> application/json text/plain	No Links

TYPE	NAME	SCOPES
apiKey	bearerAuth	

COMPONENTS

Schemas

Feature

PROPERTIES

NAME	DESCRIPTION	SCHEMA
id <i>optional</i>	Behavox internal ID for communication record.	string
responseTime Ms <i>optional</i>	Response time to the previous message in milliseconds.	integer (int64)
callRequestIndicator <i>optional</i>	Indication of call request.	boolean

Attachment

PROPERTIES

NAME	DESCRIPTION	SCHEMA
fileName <i>optional</i>	Attachment file name.	string
type <i>optional</i>	Type of attachment.	string
size <i>optional</i>	Attachment size.	integer (int32)

Communication3

PROPERTIES

NAME	DESCRIPTION	SCHEMA
id <i>optional</i>	Behavox internal ID for communication record.	string
dataType <i>optional</i>	Communication record data type.	string
alertIds <i>optional</i>	Behavox internal Alert ID associated with communication record. Excluded if field=alertIds is not specified.	<integer> array
subject <i>optional</i>	Subject	string
date <i>optional</i>	Date communication occurred.	String (date- time)
participants <i>optional</i>		< Participant > array
attachments <i>optional</i>		< Attachment > array
content <i>optional</i>		Content

Communications3

PROPERTIES

NAME	DESCRIPTION	SCHEMA
communications <i>optional</i>		< Communication3 > array
pagination <i>optional</i>		Pagination

Content

Text/HTML-based content of the communication. Excluded if the content config is disabled.

PROPERTIES

NAME	DESCRIPTION	SCHEMA
text <i>optional</i>	Text-based content of the communication.	string
html <i>optional</i>	HTML-based content of the communication. Available only for Long Message types (Email, Bloomberg message, etc.)	string

Pagination

PROPERTIES

NAME	DESCRIPTION	SCHEMA
cursor <i>optional</i>	Current cursor of the response.	string

Participant

PROPERTIES

NAME	DESCRIPTION	SCHEMA
contactType <i>optional</i>	Type of contact used in the content: "EMAIL", "CHAT", "PHONE", etc.	string
contact <i>optional</i>	Contact	string
role <i>optional</i>		enum (from,to,cc,bcc, any_contact,delivered_to)
personId <i>optional</i>	ID of the person related to the contact. Excluded if the field=personIds is not specified.	integer (int32)
person <i>optional</i>		Person

Person

PROPERTIES

NAME	DESCRIPTION	SCHEMA
personId <i>optional</i>	Behavox internal person ID.	integer (int32)
name <i>optional</i>	Name of the person.	string
phone <i>optional</i>	Phone number of the person.	string
email <i>optional</i>	Email address of the person.	string
company <i>optional</i>	Company name of the person.	string
type <i>optional</i>	Person type	string
monitored <i>optional</i>	Indicator for whether the person is monitored.	boolean
personGroups <i>optional</i>		<string> array
communicationRole <i>optional</i>		Enum (from,to,cc,bcc,any_contact,delivered_to)
restricted <i>optional</i>	Indicator for whether the person is restricted from access by the requestor.	boolean

Artifact

PROPERTIES

NAME	DESCRIPTION	SCHEMA
artifactType <i>optional</i>		Enum (ticker,organization,dealindicator,signature,question)
ticker <i>optional</i>		Ticker
organization <i>optional</i>		Organization
dealIndicator <i>optional</i>		DealIndication
signature <i>optional</i>		Signature
question <i>optional</i>		Question

DealIndication

PROPERTIES

NAME	DESCRIPTION	SCHEMA
tickers <i>optional</i>		< string > array
type <i>optional</i>		string

Organization

PROPERTIES

NAME	DESCRIPTION	SCHEMA
organization <i>optional</i>		string

Question

PROPERTIES

NAME	DESCRIPTION	SCHEMA
question <i>optional</i>		string

Signature

PROPERTIES

NAME	DESCRIPTION	SCHEMA
jobTitles <i>optional</i>	Job titles	< string > array
emails <i>optional</i>	Email addresses	< string > array
phoneNumbers <i>optional</i>	Phone numbers	< string > array
personNames <i>optional</i>	Person names	< string > array

NAME	DESCRIPTION	SCHEMA
organizations <i>optional</i>	Organization names	< string > array
language <i>optional</i>	Language of the signature	string

Ticker

PROPERTIES

NAME	DESCRIPTION	SCHEMA
ticker <i>optional</i>		string
instrumentType <i>optional</i>		string
position <i>optional</i>		string
maturity <i>optional</i>		string
interestRate <i>optional</i>		string
notional <i>optional</i>		string
askPrice <i>optional</i>		string
bidPrice <i>optional</i>		string
sentiment <i>optional</i>		string
buyAmount <i>optional</i>		string
sellAmount <i>optional</i>		string
exchangeSymbol <i>optional</i>		string

Communication

PROPERTIES

NAME	DESCRIPTION	SCHEMA
<i>id optional</i>	Behavox internal ID for the communication record.	string
<i>dataType optional</i>	Communication record data type.	string
<i>alertIds optional</i>	Behavox internal Alert ID associated with the communication record.	<integer> array
<i>subject optional</i>	Subject	string
<i>date optional</i>	Date the communication occurred.	String (date-time)
<i>participants optional</i>		< Person > array
<i>artifacts optional</i>		< Artifact > array
<i>attachments optional</i>		< Attachment > array

Communications

PROPERTIES

NAME	DESCRIPTION	SCHEMA
<i>communications optional</i>		< Communication > array
<i>pagination optional</i>		Pagination

Resolution

PROPERTIES

NAME	DESCRIPTION	SCHEMA
<i>id optional</i>	The ID of the resolution.	string
<i>name optional</i>	The name of the resolution.	string
<i>issue optional</i>	The flag indicating whether or not the alert is an issue.	boolean

Contact

PROPERTIES

NAME	DESCRIPTION	SCHEMA
type <i>optional</i>	The type of contact: <ul style="list-style-type: none">• BITBUCKET_USER_ID• BITBUCKET_USER_UUID• CALLER_ID• CHAT• CUSTOM_PHONE• EMAIL• IDENTIFIER• LDAP_DN• PHONE• PORTFOLIO_MANAGER_ID	string
value <i>optional</i>		string
primary <i>optional</i>		boolean

PersonDetails

PROPERTIES

NAME	DESCRIPTION	SCHEMA
personId <i>optional</i>	Behavox internal person ID	integer (int32)
firstName <i>optional</i>	Person's first name	string
lastName <i>optional</i>	Person's last name	string
type <i>optional</i>	Person type	string
contacts <i>optional</i>		< Contact > array
company <i>optional</i>	Company name of the person	string
country <i>optional</i>	Country of the person	string
department <i>optional</i>	Department of the person	string
language <i>optional</i>	Language of the person	string
location <i>optional</i>	Location of the person	string

NAME	DESCRIPTION	SCHEMA
creationDate <i>optional</i>	Date the person was created in the system	String (date- time)
monitored <i>optional</i>	Indicator for whether the person is monitored	boolean
personGroups <i>optional</i>		< string > array
labels <i>optional</i>		< string > array

Persons

PROPERTIES

NAME	DESCRIPTION	SCHEMA
persons <i>optional</i>		< PersonDetails > array
pagination <i>optional</i>		Pagination

EscalationLevel

PROPERTIES

NAME	DESCRIPTION	SCHEMA
id <i>optional</i>	The ID of the escalation level.	integer (int32)
role <i>optional</i>	The role of the escalation level.	string
decentralized <i>optional</i>	Whether or not the escalation role is decentralized.	boolean
description <i>optional</i>	The description of the escalation level.	string

Alert

PROPERTIES

NAME	DESCRIPTION	SCHEMA
alertId <i>optional</i>	Behavox internal Id for alerts.	integer (int32)
contentIds <i>optional</i>	Behavox internal id for contents related to the alert.	< string > array
creationDate <i>optional</i>	Alert creation datetime.	String (date-time)
closingDate <i>optional</i>	Alert closing datetime.	String (date-time)
alertName <i>optional</i>	Alert name	string
status <i>optional</i>	Alert status	string
category <i>optional</i>	Alert category	string
severity <i>optional</i>	Alert severity	string
ownerId <i>optional</i>	Behavox user id of the alert's assigned owner.	integer (int32)
level <i>optional</i>	Alert sharing level	string
resolution <i>optional</i>	Alert resolution	string
creatorId <i>optional</i>	Behavox user id of the alert creator.	integer (int32)
meParticipants <i>optional</i>	Participants involved in the alert's content.	<integer> array
justifications <i>optional</i>		< AlertJustifications > array
comments <i>optional</i>		< Comment > array

AlertJustifications

PROPERTIES

NAME	DESCRIPTION	SCHEMA
text <i>optional</i>	Sentence from the content flagged by the alert.	string
contentId <i>optional</i>	Id of the content related to the justification.	string
riskPolicy <i>optional</i>	Risk policy for the sentence.	string

Alerts

PROPERTIES

NAME	DESCRIPTION	SCHEMA
alerts <i>optional</i>		< Alert > array
pagination <i>optional</i>		Pagination

Comment

PROPERTIES

NAME	DESCRIPTION	SCHEMA
id <i>optional</i>	Behavox internal ID for the comment	integer (int32)
userId <i>optional</i>	Behavox internal user ID	integer (int32)
date <i>optional</i>	Comment creation date	string (date-time)
text <i>optional</i>	Comment text	string

ActivityLog

PROPERTIES

NAME	DESCRIPTION	SCHEMA
userId <i>optional</i>	Behavox internal user ID	integer (int32)
date <i>optional</i>	Date of activity log action	String (date-time)
module <i>optional</i>	Module of activity log action	string
element <i>optional</i>	Element of activity log action	string
action <i>optional</i>	Action of activity log action	string
summary <i>optional</i>	Summary of activity log action	string
details <i>optional</i>	Details of activity log action	object

ActivityLogs

PROPERTIES

NAME	DESCRIPTION	SCHEMA
actions <i>optional</i>		< ActivityLog > array
pagination <i>optional</i>		Pagination