

Kaduu SaaS

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Chapter 1. Overview

Kaduu SaaS exposes a REST API for performing system object searches. It utilizes REST over HTTPS protocol, all objects in requests and responses are defined in JSON format.

1.1. Version information

Version : 1.9.0

1.2. Contact information

Contact : Kaduu AG

Contact Email : anton@kaduu.ch

1.3. License information

License : Apache License Version 2.0

License URL : <https://www.apache.org/licenses/LICENSE-2.0>

Terms of service : https://kaduu.ch/about_us.php

1.4. URI scheme

Host : <https://app.leak.center/svc-saas>

BasePath : /

1.5. Tags

- **Account** : User account management. Allows you to control accounts within your company.
- **Alert** : Alert event list view.
- **Alert job** : Alert job management. Helps to configure alerts for your account.
- **Botnet** : Kaduu's botnet database contains information stealer logs collected from various sources.
- **Card** : Kaduu's credit card database contains cards extracted from publicly available data leaks.
- **Domain** : Kaduu's domain database contains all past and recently registered domain names with some extended information (registration date, whois info, screenshots, etc).
- **Export** : Data export API.
- **External** : Kaduu external crawler searches online darknet resources for sensitive content.
- **Favorite** : Favorites database contains client's favorite results from data services
- **Generic Search** : Kaduu generic searches.

- Leak : Kaduu's leaks database contains text files, paste and data dumps that are distributed for free or sold on online hacker forums & marketplaces. Leaks usually expose some sensitive data - password hashes, private information and sometimes even plain text passwords.
- Leak File : Manage leak file download tasks and download file content.
- Leaked Account : Kaduu's leaked accounts database contains accounts extracted from discovered leaks.
- Mail : Kaduu's mail database contains all mail addresses exposed online on public websites. Our crawler walks all webpages it can reach and adds all found mail addresses to this database.
- Mail External : Kaduu's external mail search engine.
- Paste : Kaduu's paste database contains data exposed online on pastebin-like websites.
- Post : Kaduu's post tracking service indexes hacker forums and communities and allows to search them easily.
- Role : User role management
- Social : Kaduu social network crawler searches major social networks for suspicious content.
- Statistics : System statistics
- Threat Actor : Threat actor information.

Chapter 2. Usage

Kaduu SaaS API is based on a REST/HTTPS protocol with JSON format. All endpoints except the authentication expect the JSON input and `Content-Type: application/json` header provided with the request. All endpoint results are in JSON format.

2.1. Authentication

Before using any other API calls, you should obtain an authentication token – it is required for all subsequent API calls. In order to obtain the token, you should send a `POST` request to the <https://app.leak.center/uaa/oauth/token> URL with the following data:

Headers

| | |
|--------------|-----------------------------------|
| Content-Type | application/x-www-form-urlencoded |
|--------------|-----------------------------------|

Form

| | |
|---------------|---------------------------------|
| client_id | client-api |
| client_secret | comfy-litigate-embargo-forelimb |
| grant_type | password |
| username | <your username> |
| password | <your password> |

All fields in form should be URL-encoded.

The server responds with a token in JSON format:

```
{
  "access_token": "<your token>",
  "token_type": "bearer",
  "expires_in": 43199,
  "scope": "svc-saas",
  "jti": "fcea19dc-091c-4b58-901e-3e9bb8df162f"
}
```

The API consumer should copy the resulting `access_token` value from the response and use it in `Authorization` header with `Bearer` scheme for all other requests:

```
Authorization: Bearer <your token>
```

2.2. Performing Requests

All requests should be performed to the base service URL: <https://app.leak.center/svc-saas/>. So, for example, if you see a URL /domain, it should be requested as <https://app.leak.center/svc-saas/domain>

Chapter 3. Resources

3.1. Account

User account management. Allows you to control accounts within your company.

3.1.1. Create account

```
POST /settings/account
```

Description

Create a new account. The login should be unique system-wide.

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|--|
| Body | account <i>required</i> | account | Account Create Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------|--------------------------------|
| 201 | Created account | Account Result |
| 400 | Error validating input | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.1.2. Get a list of accounts

```
GET /settings/account
```

Description

List accounts of the company.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------------|--------|-----------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------------|--------------------------------------|
| 200 | List of accounts in the company | Page«Account Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.1.3. Update account

```
PUT /settings/account
```

Description

Update an existing account. Password remains unchanged, if not specified.

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|--|
| Body | account <i>required</i> | account | Account Update Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------|--------------------------------|
| 200 | Updated account | Account Result |
| 400 | Error validating input | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.1.4. Get account

```
GET /settings/account/{id}
```

Description

Get existing account details.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|-----------------|
| Path | id <i>required</i> | id | integer (int64) |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------|--------------------------------|
| 200 | Existing account | Account Result |
| 404 | Account not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.1.5. Delete account

```
DELETE /settings/account/{id}
```

Description

Permanently delete an account. This action is irreversible.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|-----------------|
| Path | id <i>required</i> | id | integer (int64) |

Responses

| HTTP Code | Description | Schema |
|-----------|--|------------|
| 204 | Empty response, even if the account does not exist | No Content |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.2. Alert

Alert event list view.

3.2.1. Get a list of alert events

```
GET /alert
```

Description

Get list of alert events.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------------|--|--------------|
| Query | jobId <i>optional</i> | Job ID to get events for. | ref | |
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | sent <i>optional</i> | Sent flag of alert event. | boolean | |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |
| Query | type <i>optional</i> | Event type. | enum (DOMAIN, DOMAIN_TRACKER, MAIL, MAIL_EXTERNAL, LEAK, LEAK_DISTINCT, EXTERNAL, SOCIAL, ACCOUNT) | |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|--|
| 200 | List of alert events | Page«Alert Event Result» |

Consumes

- `application/json;charset=UTF-8`

Produces

- `application/json;charset=UTF-8`

3.2.2. Mark alerts as sent/unsent

```
PUT /alert/sent
```


Description

Update sent state for alert events.

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|------------------------------------|
| Body | payload <i>required</i> | payload | Alert Sent Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|------------------------------|
| 200 | Updated alerts count | Count Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.3. Alert Job

Alert job management. Helps to configure alerts for your account.

3.3.1. Create alert job

```
POST /settings/alert/job
```

Description

Create alert job for account. If alert job is active, the account will receive alerts. The keyword-type-accountId combination should be unique system-wide.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------------|-------------|--|
| Body | alertJob <i>required</i> | alertJob | Alert Job Create Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------|----------------------------------|
| 201 | Created alert job | Alert Job Result |
| 400 | Error validating input | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.3.2. Get a list of alert jobs

```
GET /settings/alert/job
```

Description

Get list of alert jobs.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------------|--------|--------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|--------------------|--|
| 200 | List of alert jobs | Page«Alert Job Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.3.3. Update alert job

```
PUT /settings/alert/job
```

Description

Update alert job. You may only change the keyword and the alert type.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------------|-------------|--|
| Body | alertJob <i>required</i> | alertJob | Alert Job Update Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------|----------------------------------|
| 200 | Updated alert job | Alert Job Result |
| 400 | Error validating input | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.3.4. Create alert jobs for a query

```
POST /settings/alert/job/bulk
```

Description

Create alert jobs for a query.

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|---|
| Body | payload <i>required</i> | payload | Alert Job Bulk Create Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------|------------------------------|
| 204 | Empty response | No Content |
| 400 | Error validating input | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.3.5. Get alert job

```
GET /settings/alert/job/{id}
```

Description

Get existing alert job details.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|-----------------|
| Path | id <i>required</i> | id | integer (int64) |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------|----------------------------------|
| 200 | Existing alert job | Alert Job Result |
| 404 | Alert job not found | Error Result |

Consumes

- `application/json;charset=UTF-8`

Produces

- `application/json;charset=UTF-8`

3.3.6. Delete alert job

```
DELETE /settings/alert/job/{id}
```

Description

Permanently delete alert job. This action is irreversible. After the deletion, no more alerts will be triggered for this alert job.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|-----------------|
| Path | id <i>required</i> | id | integer (int64) |

Responses

| HTTP Code | Description | Schema |
|-----------|--|------------|
| 204 | Empty response, even if alert job does not exist | No Content |

Consumes

- `application/json;charset=UTF-8`

Produces

- `application/json;charset=UTF-8`

3.4. Botnet

Kaduu's botnet database contains information stealer logs collected from various sources.

3.4.1. Search bot records

```
GET /bot/record/search
```

Description

Search indexed bot record info.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|--------------------------------------|--------------------------|-----------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | query <i>required</i> | Search query, 3 to 10000 characters. | string | |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |
| Body | pageInfo <i>optional</i> | pageInfo | PageInfo | |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|---|
| 200 | Search results | Page«Bot Record Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.4.2. Get bot record

```
GET /bot/record/{id}
```

Description

Get existing bot record object from index.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|------------------------------|
| 200 | Existing bot record | Bot Result |
| 404 | Bot record not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.4.3. Search bots

```
GET /bot/search
```

Description

Search indexed bot info.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|--------------------------------------|--------|--------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | query <i>required</i> | Search query, 3 to 10000 characters. | string | |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

| Type | Name | Description | Schema | Default |
|------|------------------------------------|-------------|--------------------------|---------|
| Body | pageInfo <i>optional</i> | pageInfo | PageInfo | |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|----------------------------------|
| 200 | Search results | Page«Bot Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.4.4. Get bot

```
GET /bot/{id}
```

Description

Get existing bot object from index.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------|------------------------------|
| 200 | Existing bot | Bot Result |
| 404 | Bot not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.5. Card

Kaduu's credit card database contains cards extracted from publicly available data leaks.

3.5.1. Search cards

```
GET /cc/search
```

Description

Search indexed credit card info.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|--------------------------------------|--------|--------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | query <i>required</i> | Search query, 3 to 10000 characters. | string | |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|--|
| 200 | Search results | Page«Credit Card Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.5.2. Get card

```
GET /cc/{id}
```

Description

Get existing card object from index.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|------------------------------------|
| 200 | Existing card | Credit Card Result |
| 404 | Card not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.6. Domain

Kaduu's domain database contains all past and recently registered domain names with some extended information (registration date, whois info, screenshots, etc).

3.6.1. Create batch domains data request

```
POST /domain/data
```

Description

Collect new data for the existing indexed domains. Creates a data request objects and launches a background data collection processes.

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|--|
| Body | payload <i>required</i> | payload | Existing Domain Data Batch Request Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|--|
| 200 | List of data request | < Domain Data Request Result > array |
| 404 | No domains found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.6.2. Create domain data request, for any arbitrary domain name

```
POST /domain/data/search
```

Description

Collect new data for arbitrary domain name, that may not exist in the index. Creates a data request object and launches a background data collection process.

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|---|
| Body | payload <i>required</i> | payload | Domain Data Request Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|--------------|--|
| 200 | Data request | Domain Data Request Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.6.3. Get domain data request

```
GET /domain/data/search/{id}
```

Description

Get previously created data request to track its status.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------|-------------------------------|
| 200 | Existing data request | Domain Result |
| 404 | Data request not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.6.4. Get domain data records

```
GET /domain/data/search/{id}/results
```

Description

Get data results. Results are added dynamically, as the collection process goes, so there is no need to wait for the request to finish to get first data.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------------|--|
| 200 | List of data request results | Page«Domain Data Result» |
| 404 | Data request not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.6.5. Get domain by name

```
GET /domain/name
```

Description

Get existing domain object from index.

Parameters

| Type | Name | Description | Schema |
|-------|--------------------------------|-------------|--------|
| Query | name <i>required</i> | name | string |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------|-------------------------------|
| 200 | Existing domain | Domain Result |
| 404 | Domain not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.6.6. Search domains

```
GET /domain/search
```

Description

Search indexed domains.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|--------------------------------------|--------|--------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | query <i>required</i> | Search query, 3 to 10000 characters. | string | |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

| Type | Name | Description | Schema | Default |
|------|------------------------------------|-------------|----------|---------|
| Body | pageInfo <i>optional</i> | pageInfo | PageInfo | |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|---------------------|
| 200 | Search results | Page«Domain Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.6.7. Get domain

```
GET /domain/{id}
```

Description

Get existing domain object from index.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------|---------------|
| 200 | Existing domain | Domain Result |
| 404 | Domain not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.6.8. Create domain data request

```
POST /domain/{id}/data
```

Description

Collect new data for the existing indexed domain. Creates a data request object and launches a background data collection process.

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|--|
| Path | id <i>required</i> | id | string |
| Body | payload <i>required</i> | payload | Existing Domain Data Request Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------|--|
| 200 | Data request | Domain Data Request Result |
| 404 | Domain not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.6.9. Get domain data records

```
GET /domain/{id}/data
```


Description

Get a list of data records for the existing indexed domain.

Parameters

| Type | Name | Description | Schema |
|-------|------------------------------------|-------------|---|
| Path | id <i>required</i> | id | string |
| Query | provider <i>optional</i> | provider | enum (DNS, DNS_TWIST, HTTP, PORT, SMTP, WHOIS, GEO, SCREENSHOT) |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------|--|
| 200 | Domain data records | Page«Domain Data Result» |
| 404 | Domain not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.7. Export

Data export API.

3.7.1. Start export

POST /export

Description

Start exporting data. Creates an export object and starts the export process in background.

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|--------------------------------|
| Body | payload <i>required</i> | payload | Export Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------|-------------------------------|
| 200 | Export object | Export Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.7.2. Get a list of exports

```
GET /export
```

Description

Get all available previous exports that belong to current user.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------------|--------|--------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------|-------------------------------------|
| 200 | List of export objects | Page«Export Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.7.3. Get existing export object

```
GET /export/{id}
```

Description

Get existing export object to track its status.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------|-------------------------------|
| 200 | Existing export object | Export Result |
| 404 | Export object not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.7.4. Download exported file

GET /export/{id}/download

Description

Download exported file from the completed export job.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------|------------------------------|
| 200 | Exported file | string (byte) |
| 404 | Export object not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/octet-stream`
- `application/json; charset=UTF-8`

3.8. External

Kaduu external crawler searches online darknet resources for sensitive content.

3.8.1. Search external resources

POST /external/search

Description

Search external search engines. Creates a search request object and launches the search in background.

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|---|
| Body | payload <i>required</i> | payload | External Search Request Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|--|
| 200 | Search request | External Search Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.8.2. Get existing search object

```
GET /external/search/{id}
```

Description

Get previously created search object to track its status.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------|--|
| 200 | Existing search object | External Search Result |
| 404 | Search object not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.8.3. Get results from the existing search object

```
GET /external/search/{id}/results
```

Description

Get search results. Results are added dynamically, as the search process goes, so there is no need to wait for the search to finish to get first data.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------------|--------|--------------|
| Path | id <i>required</i> | id | string | |
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------|---------------------------------------|
| 200 | Search results | Page«External Result» |
| 404 | Search object not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.9. Favorite

Favorites database contains client's favorite results from data services

3.9.1. Create favorite

POST /favorite

Description

Create new favorite object

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|---|
| Body | payload <i>required</i> | payload | Favorite Create Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|-----------------|---------------------------------|
| 200 | Favorite object | Favorite Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.9.2. Get a list of favorites

GET /favorite

Description

Get all available favorites that belong to current user.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------------|---|-----------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |
| Query | type <i>required</i> | Favorite type. | enum (ACCOUNT, DOMAIN, EXTERNAL, LEAK, MAIL, SOCIAL, MAIL_EXTERNAL) | |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------|---|
| 200 | List of export objects | Page«Favorite Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.9.3. Get favorite

```
GET /favorite/{id}
```

Description

Get existing favorite object

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|---------------------------------|
| 200 | Favorite object | Favorite Result |
| 404 | Favorite object not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.9.4. Remove favorite

```
DELETE /favorite/{id}
```

Description

Remove one of user`s favorite

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------|--------|
| 200 | OK | object |
| 204 | Favorite object removed | object |

Consumes

- `application/json;charset=UTF-8`

Produces

- `application/json;charset=UTF-8`

3.10. Generic Search

Kaduu generic searches.

3.10.1. Search several services at once

```
POST /generic/search
```

Description

Search several services at once. Creates a search object for selected sources and launches parallel searches in background.

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|--|
| Body | payload <i>required</i> | payload | Generic Search Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|---------------------------------------|
| 200 | Search result object | Generic Search Result |

Consumes

- `application/json;charset=UTF-8`

Produces

- `application/json;charset=UTF-8`

3.10.2. Get existing search object

GET /generic/search/{id}

Description

Get previously created search object to track its status.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------|---------------------------------------|
| 200 | Existing search object | Generic Search Result |
| 404 | Search object not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.10.3. Export all results

POST /generic/search/{id}/export

Description

Export all generic search results, if search is finished.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|---|
| Body | payload <i>required</i> | payload | Generic Search Export Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|---|-------------------------------|
| 200 | Export object | Export Result |
| 404 | Search object not found or search is not finished | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.11. Leak

Kaduu's leaks database contains text files, paste and data dumps that are distributed for free or sold on online hacker forums & marketplaces. Leaks usually expose some sensitive data - password hashes, private information and sometimes even plain text passwords.

3.11.1. Get a list of leaks

```
GET /leak
```

Description

List all leaks available.

Parameters

| Type | Name | Description | Schema | Default |
|-------|--------------------------------|------------------------------------|--------|---------|
| Query | name <i>optional</i> | Leak name, 3 to 1000 characters. | string | |
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------|--------|--------------|
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------|-------------------|
| 200 | List of leaks | Page«Leak Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.11.2. Search leaks

GET /leak/search

Description

Search indexed information leaks.

Parameters

| Type | Name | Description | Schema | Default |
|-------|-------------------------------------|--|---------|---------|
| Query | highlight <i>optional</i> | Result highlighting flag. | boolean | "false" |
| Query | length <i>optional</i> | Fragment length, 0 to 1000 characters. | ref | "1000" |
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | query <i>required</i> | Search query, 3 to 10000 characters. | string | |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------|--------|--------------|
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|--|
| 200 | Search results | Leak Index Search Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.11.3. Search leaks and return only unique leak objects

```
GET /leak/search/distinct
```

Description

Search distinct indexed information leaks.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|--------------------------------------|--------|---------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | query <i>required</i> | Search query, 3 to 10000 characters. | string | |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "resultCount" |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|---|
| 200 | Search results | Leak Index Distinct Search Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.11.4. Get leak

```
GET /leak/{id}
```

Description

Get leak information.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | Leak ID | string |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|------------------------------|
| 200 | Existing leak | Leak Result |
| 404 | Leak not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.11.5. Get a list of leak files

```
GET /leak/{id}/file
```

Description

List all leak files for leak ID.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------------|--------------------------|--------------|
| Path | id <i>required</i> | Leak ID | string | |
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |
| Body | pageInfo <i>optional</i> | pageInfo | PageInfo | |

Responses

| HTTP Code | Description | Schema |
|-----------|--------------------|--|
| 200 | List of leak files | Page«Leak File Result» |
| 404 | Leak not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.11.6. Get leak file by name

```
GET /leak/{id}/file/name
```

Parameters

| Type | Name | Description | Schema |
|-------|--------------------------------|-------------|--------|
| Path | id <i>required</i> | Leak ID | string |
| Query | name <i>required</i> | File name | string |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------|----------------------------------|
| 200 | Leak file | Leak File Result |
| 404 | Leak file not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.12. Leak File

Manage leak file download tasks and download file content.

3.12.1. Create leak file download task

```
POST /leak/file/download
```

Description

Create leak file download task to get single file from the leak zip-archive, up to 10MB.

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|---|
| Body | payload <i>required</i> | payload | Leak File Download Task Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|--|--|
| 200 | Leak file download task | Leak File Download Task Result |
| 400 | Leak file size exceeds max download size | Error Result |
| 404 | Leak file not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.12.2. Get a list of leak file download tasks

```
GET /leak/file/download
```

Description

Get a list of download tasks that belong to current user.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------------|---|-------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | enum (createdAt, updatedAt, name, size, status) | "createdAt" |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------------------|--|
| 200 | List of leak file download objects | Page«Leak File Download Task Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.12.3. Get existing leak file download task

```
GET /leak/file/download/{id}
```

Description

Get existing leak file download task to track its status.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|-----------------------------------|--|
| 200 | Existing leak file download task | Leak File Download Task Result |
| 404 | Leak file download task not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json;charset=UTF-8`

3.12.4. Download leak file content

```
GET /leak/file/download/{id}/download
```

Description

Download leak file content from the completed download task.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|-----------------------------------|------------------------------|
| 200 | Leak file download content | string (byte) |
| 404 | Leak file download task not found | Error Result |

Consumes

- `application/json;charset=UTF-8`

Produces

- `application/octet-stream`
- `application/json;charset=UTF-8`

3.13. Leaked Account

Kaduu's leaked accounts database contains accounts extracted from discovered leaks.

3.13.1. Search leaked accounts

```
GET /account/search
```

Description

List all found leaked accounts.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|--------------------------------------|--------|-----------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | query <i>required</i> | Search query, 3 to 10000 characters. | string | |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------------|---|
| 200 | List of found leaked accounts | Page«Leaked Account Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.13.2. Get leaked account

```
GET /account/{id}
```

Description

Get leaked account information.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|--------------------------|---------------------------------------|
| 200 | Existing leaked account | Leaked Account Result |
| 404 | Leaked account not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.14. Mail

Kaduu's mail database contains all mail addresses exposed online on public websites. Our crawler walks all webpages it can reach and adds all found mail addresses to this database.

3.14.1. Search mails

```
GET /mail/search
```

Description

Search indexed mail addresses.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---------------------------------|--------------------------------------|--------|---------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | query <i>required</i> | Search query, 3 to 10000 characters. | string | |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------|--------|--------------|
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|-----------------------------------|
| 200 | Search results | Page«Mail Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.14.2. Get email

```
GET /mail/{id}
```

Description

Get existing email object from index.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|-----------------|------------------------------|
| 200 | Existing email | Mail Result |
| 404 | Email not found | Error Result |

Consumes

- `application/json;charset=UTF-8`

Produces

- `application/json;charset=UTF-8`

3.15. Mail External

Kaduu's external mail search engine.

3.15.1. Search mails in external sources

```
POST /mail/external/search
```

Description

Search emails in external sources. Creates a search object and launches the search in background.

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|--|
| Body | payload <i>required</i> | payload | Mail External Search Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------|---|
| 200 | Search object | Mail External Search Result |

Consumes

- `application/json;charset=UTF-8`

Produces

- `application/json;charset=UTF-8`

3.15.2. Get existing search object

```
GET /mail/external/search/{id}
```


Description

Get previously created search object to track its status.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------|---|
| 200 | Existing search object | Mail External Search Result |
| 404 | Search object not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.15.3. Get external mail search results

```
GET /mail/external/search/{id}/results
```

Description

Get search results. Results are added dynamically, as the search process goes, so there is no need to wait for the search to finish to get first data.

Parameters

| Type | Name | Description | Schema | Default |
|-------|--------------------------------|------------------------------------|--------|------------------|
| Path | id <i>required</i> | id | string | |
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | <code>"0"</code> |

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------|--------|--------------|
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------|---|
| 200 | Search results | Page«Mail External Result Item» |
| 404 | Search object not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.16. Paste

Kaduu's paste database contains data exposed online on pastebin-like websites.

3.16.1. Search pastes

```
GET /paste/search
```

Description

Search indexed pastes.

Parameters

| Type | Name | Description | Schema | Default |
|-------|-------------------------------------|---------------------------|---------|---------|
| Query | highlight <i>optional</i> | Result highlighting flag. | boolean | "false" |

| Type | Name | Description | Schema | Default |
|-------|---|--|--------|-----------------|
| Query | length <i>optional</i> | Fragment length, 0 to 1000 characters. | ref | "1000" |
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | query <i>required</i> | Search query, 3 to 1000 characters. | string | |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|------------------------------------|
| 200 | Search results | Page«Paste Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.16.2. Get paste

```
GET /paste/{id}
```

Description

Get existing paste object from index.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|-----------------|------------------------------|
| 200 | Existing paste | Paste Result |
| 404 | Paste not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.17. Post

Kaduu's post tracking service indexes hacker forums and communities and allows to search them easily.

3.17.1. Search posts

```
GET /post/search
```

Description

Search indexed post information.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|--------------------------------------|--------|--------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | query <i>required</i> | Search query, 3 to 10000 characters. | string | |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|-----------------------------|
| 200 | Search results | Post Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.17.2. Get a list of sources

```
GET /post/source
```

Description

List all sources available.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------------|--------|--------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|-----------------|-------------------------------------|
| 200 | List of sources | Page«Source Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.17.3. Get post

```
GET /post/{id}
```

Description

Get existing post object from index.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|------------------------------|
| 200 | Existing post | Post Result |
| 404 | Post not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.18. Role

User role management

3.18.1. Get a list of supported roles

```
GET /role
```

Description

Get a list of supported roles.

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------|-----------------------------------|
| 200 | List of supported roles | Page«Role Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.19. Social

Kaduu social network crawler searches major social networks for suspicious content.

3.19.1. Search social network

```
POST /social/search
```

Description

Search social networks. Creates a search object and launches the search in background.

Parameters

| Type | Name | Description | Schema |
|------|-----------------------------------|-------------|---|
| Body | payload <i>required</i> | payload | Social Network Search Payload |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------|--|
| 200 | Search object | Social Network Search Result |

Consumes

- `application/json;charset=UTF-8`

Produces

- `application/json;charset=UTF-8`

3.19.2. Get existing search object

```
GET /social/search/{id}
```

Description

Get previously created search object to track its status.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------|--|
| 200 | Existing search object | Social Network Search Result |
| 404 | Search object not found | Error Result |

Consumes

- `application/json;charset=UTF-8`

Produces

- `application/json;charset=UTF-8`

3.19.3. Get results from the existing search object

```
GET /social/search/{id}/results
```


Description

Get search results. Results are added dynamically, as the search process goes, so there is no need to wait for the search to finish to get first data.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------------|--------|-----------------|
| Path | id <i>required</i> | id | string | |
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|-------------------------|---|
| 200 | Search results | Page«Social Network Post» |
| 404 | Search object not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.20. Statistics

System statistics

3.20.1. Get general stats

```
GET /stats
```

Description

Get general system stats.

Responses

| HTTP Code | Description | Schema |
|-----------|-------------|-----------------------------------|
| 200 | Statistics | Statistics Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.20.2. Get leaked accounts statistic with daily breakdown

```
GET /stats/accounts
```

Description

Get leaked accounts statistic with daily breakdown for last month.

Parameters

| Type | Name | Description | Schema |
|-------|------------------------------------|-------------|---------------|
| Query | dateFrom <i>optional</i> | dateFrom | string (date) |
| Query | dateTo <i>optional</i> | dateTo | string (date) |

Responses

| HTTP Code | Description | Schema |
|-----------|--|--|
| 200 | List of leaked account daily statistic | < Leaked Accounts Daily Statistic > array |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.20.3. Get leaks statistic with daily breakdown

```
GET /stats/leaks
```

Description

Get leaks statistic with daily breakdown for last month.

Parameters

| Type | Name | Description | Schema |
|-------|------------------------------------|-------------|---------------|
| Query | dateFrom <i>optional</i> | dateFrom | string (date) |
| Query | dateTo <i>optional</i> | dateTo | string (date) |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------------|---|
| 200 | List of leak daily statistic | < Leaks Daily Statistic > array |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.20.4. Get alert historical risks

```
GET /stats/risk/history
```

Description

Get alert historical risks for last 12 month or last 12 weeks.

Parameters

| Type | Name | Description | Schema |
|-------|------------------------------------|-------------|------------------------|
| Query | interval <i>required</i> | interval | enum (WEEK12, MONTH12) |

Responses

| HTTP Code | Description | Schema |
|-----------|--------------------------------|--|
| 200 | List of alert historical risks | < Alert Historical Risk Result > array |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.20.5. Get alert total risks

```
GET /stats/risk/total
```

Description

Get alert total risks.

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|---|
| 200 | List of alert total risks | < Alert Total Risk Result > array |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.21. Threat Actor

Threat actor information.

3.21.1. Get a list of threat actors

```
GET /actor
```

Description

List of threat actors.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|--|---------------------|--------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | query <i>optional</i> | Search query - search by name, mail and source | string | |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |
| Query | type <i>optional</i> | Actor type. | enum (PERSON, TEAM) | |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------|---|
| 200 | List of actors | Page«Threat Actor Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.21.2. Get threat actor

```
GET /actor/{id}
```

Description

Threat actor information.

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|-------------|--------|
| Path | id <i>required</i> | id | string |

Responses

| HTTP Code | Description | Schema |
|-----------|------------------------|-------------------------------------|
| 200 | Existing threat actor | Threat Actor Result |
| 404 | Threat actor not found | Error Result |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.21.3. Get a list of threat actor associations

```
GET /actor/{id}/association
```

Description

List of threat actor associations with optional type filter.

Parameters

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------------|-----------------------------|-----------------|
| Path | id <i>required</i> | id | string | |
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |
| Query | type <i>optional</i> | Association type. | enum (SAME, TEAM, OTHER) | |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|--|
| 200 | List of associations | Page«Actor Association Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

3.21.4. Get a list of threat actor leaks

```
GET /actor/{id}/leak
```

Description

List of available threat actor leaks.

Parameters

| Type | Name | Description | Schema | Default |
|------|------------------------------|-------------|--------|---------|
| Path | id <i>required</i> | id | string | |

| Type | Name | Description | Schema | Default |
|-------|---|------------------------------------|--------|-----------------|
| Query | page <i>optional</i> | Results page you want to retrieve. | ref | "0" |
| Query | size <i>optional</i> | Number of records per page. | ref | "10" |
| Query | sortDirection <i>optional</i> | Sort direction: ASC or DESC. | string | "DESC" |
| Query | sortField <i>optional</i> | Sort field. | string | "created At" |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------|---|
| 200 | List of leaks | Page«Actor Leak Result» |

Consumes

- `application/json; charset=UTF-8`

Produces

- `application/json; charset=UTF-8`

Chapter 4. Definitions

4.1. Account Create Payload

| Name | Description | Schema |
|--|---|--|
| active <i>required</i> | Account is active and available for login Example : <code>true</code> | boolean |
| alertDelivery Method <i>required</i> | The way this account will get alert notifications Example : <code>"EMAIL"</code> | enum (EMAIL, HTTP) |
| email <i>required</i> | Email address used for notifications, 3 to 100 characters Example : <code>"bob@bob.com"</code> | string |
| login <i>required</i> | Login, 1 to 100 characters Example : <code>"bob"</code> | string |
| password <i>required</i> | Password, 5 or more characters Example : <code>"bobTop53cret#"</code> | string |
| roles <i>required</i> | List of roles the account has Example : <code>"['ROLE_COMPANY_ADMIN', 'ROLE_COMPANY_USER']"</code> | < enum (ROLE_COMPANY_ADMIN, ROLE_COMPANY_USER) > array |
| webhookUrl <i>optional</i> | Callback URL to receive HTTPS alert notifications. Only HTTPS resources are allowed. Example : <code>"https://somedomain.com/alert/callback"</code> | string |

4.2. Account Result

| Name | Description | Schema |
|--|--|--------------------|
| active <i>required</i> | Account is active and available for login Example : <code>true</code> | boolean |
| alertDelivery Method <i>optional</i> | The way this account will get alert notifications Example : <code>"EMAIL"</code> | enum (EMAIL, HTTP) |
| companyId <i>required</i> | Company ID Example : <code>7</code> | integer (int64) |
| companyName <i>required</i> | Company name Example : <code>"Security Solutions AG"</code> | string |

| Name | Description | Schema |
|--------------------------------------|---|--|
| createdAt <i>optional</i> | | string (date-time) |
| email <i>required</i> | Email address used for notifications Example : "bob@bob.com" | string |
| id <i>required</i> | Internal ID Example : 48 | integer (int64) |
| login <i>required</i> | Login Example : "bob" | string |
| roles <i>required</i> | List of roles the account has Example : ["ROLE_COMPANY_ADMIN", "ROLE_COMPANY_USER"] | < enum (ROLE_COMPANY_ADMIN, ROLE_COMPANY_USER) > array |
| updatedAt <i>optional</i> | | string (date-time) |
| webhookUrl <i>optional</i> | Callback URL to receive HTTPS alert notifications Example : "https://somedomain.com/alert/callback" | string |

4.3. Account Update Payload

| Name | Description | Schema |
|---|--|--------------------|
| active <i>required</i> | Account is active and available for login Example : true | boolean |
| alertDeliveryMethod <i>required</i> | The way this account will get alert notifications Example : "EMAIL" | enum (EMAIL, HTTP) |
| email <i>required</i> | Email address used for notifications, 3 to 100 characters Example : "bob@bob.com" | string |
| id <i>required</i> | Internal ID Example : 48 | integer (int64) |
| login <i>required</i> | Login, 1 to 100 characters Example : "bob" | string |
| password <i>optional</i> | Password, 5 or more characters. Leave empty to keep the current password Example : "bobTop53cret#" | string |

| Name | Description | Schema |
|--------------------------------------|--|--|
| roles <i>required</i> | List of roles the account has Example : <code>"['ROLE_COMPANY_ADMIN', 'ROLE_COMPANY_USER']"</code> | < enum (ROLE_COMPANY_A DMIN, ROLE_COMPANY_US ER) > array |
| webhookUrl <i>optional</i> | Callback URL to receive HTTPS alert notifications. Only HTTPS resources are allowed. Example : <code>"https://somedomain.com/alert/callback"</code> | string |

4.4. Actor Association Result

| Name | Description | Schema |
|---------------------------------|--|-------------------------------------|
| child <i>required</i> | Child actor | Threat Actor Result |
| type <i>required</i> | Association type Example : <code>"SAME"</code> | enum (SAME, TEAM, OTHER) |

4.5. Actor Leak Result

| Name | Description | Schema |
|------------------------------------|---|--------|
| leakId <i>required</i> | Leak ID Example : <code>"e67dd2e3-d6e1-452f-87ef-edb26b5733aa"</code> | string |
| leakName <i>optional</i> | Leak name Example : <code>"Cloudflare Leak"</code> | string |

4.6. Alert Event Result

| Name | Description | Schema |
|-------------------------------------|---|--------------------|
| accountId <i>required</i> | Account ID Example : <code>7</code> | integer (int64) |
| body <i>required</i> | Alert JSON Body Example : <code>"contoso"</code> | string |
| createdAt <i>required</i> | Time when alert job was created in UTC zone, format: yyyy- MM-dd HH:mm:ss Example : <code>"2019-10-22 14:59:01"</code> | string (date-time) |

| Name | Description | Schema |
|-------------------------------------|---|---|
| cvssScore <i>optional</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| id <i>required</i> | Internal ID Example : 48 | integer (int64) |
| jobId <i>required</i> | Alert Job ID Example : 7 | integer (int64) |
| keyword <i>optional</i> | Alert search keyword Example : "error" | string |
| sent <i>required</i> | Alert is sent or viewed Example : true | boolean |
| type <i>required</i> | Type of alert event Example : "DOMAIN" | enum (DOMAIN, DOMAIN_TRACKER, MAIL, MAIL_EXTERNAL, LEAK, EXTERNAL, SOCIAL, ACCOUNT) |

4.7. Alert Historical Risk Result

| Name | Description | Schema |
|--------------------------------|--|-----------------|
| date <i>required</i> | Date when alert was created in UTC zone, format: yyyy-MM-dd Example : "2019-10-22" | string (date) |
| high <i>required</i> | Sum of high scores per period Example : 2 | integer (int64) |
| low <i>required</i> | Sum of low scores per period Example : 45 | integer (int64) |
| med <i>required</i> | Sum of medium scores per period Example : 1 | integer (int64) |

4.8. Alert Job Bulk Create Payload

| Name | Description | Schema |
|---|---|--|
| accountId <i>optional</i> | Account ID that owns the job. If skipped, and for non-admin accounts the system sets it to the current account ID. The ID must belong to the same company. Example : 7 | integer (int64) |
| createTypes <i>required</i> | Types of alert events to create. This may differ from type and may even include multiple types. Example : <code>"['ACCOUNT', 'LEAK_DISTINCT']"</code> | < enum (ACCOUNT, CREDIT_CARD, DOMAIN, DOMAIN_TRACKER, EXTERNAL, LEAK, LEAK_DISTINCT, MAIL, MAIL_EXTERNAL, POST, SOCIAL) > array |
| extractType <i>required</i> | Way to extract data - extract mails, domain names or the whole string match Example : <code>"MAIL"</code> | enum (MAIL, DOMAIN, MATCH) |
| includeIdStrategy <i>required</i> | Object IDs inclusion strategy. This field determines, whether IDs in queryIds should be included or excluded from search results. Example : <code>"EXCLUDE"</code> | enum (INCLUDE, EXCLUDE) |
| query <i>required</i> | Search query, 3 to 1000 characters Example : <code>"bob@bob.com"</code> | string |
| queryIds <i>required</i> | Object IDs to search or exclude from search. The list may be empty. Example : <code>"['1', '5']"</code> | < string > array |
| source <i>required</i> | Data source to get results from Example : <code>"DOMAIN"</code> | enum (ACCOUNT, CREDIT_CARD, DOMAIN, DOMAIN_TRACKER, EXTERNAL, LEAK, LEAK_DISTINCT, MAIL, MAIL_EXTERNAL, POST, SOCIAL) |

4.9. Alert Job Create Payload

| Name | Description | Schema |
|-------------------------------------|--|---|
| accountId <i>optional</i> | Account ID that owns the job. If skipped, and for non-admin accounts the system sets it to the current account ID. The ID must belong to the same company. Example : 7 | integer (int64) |
| keyword <i>required</i> | Keyword to track, 3 to 1000 characters. Example : "contoso" | string |
| type <i>required</i> | Type of events to track Example : "DOMAIN" | enum (ACCOUNT, CREDIT_CARD, DOMAIN, DOMAIN_TRACKER, EXTERNAL, LEAK, LEAK_DISTINCT, MAIL, MAIL_EXTERNAL, POST, SOCIAL) |

4.10. Alert Job Result

| Name | Description | Schema |
|--------------------------------------|--|--------------------|
| accountId <i>required</i> | Account ID Example : 7 | integer (int64) |
| active <i>required</i> | Alert job is active Example : true | boolean |
| alertCount <i>required</i> | Alert count Example : 103 | integer (int64) |
| createdAt <i>required</i> | Time when alert job was created in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| id <i>required</i> | Internal ID Example : 48 | integer (int64) |
| keyword <i>required</i> | Keyword to track Example : "contoso" | string |

| Name | Description | Schema |
|-------------------------------------|--|---|
| type <i>required</i> | Type of events to track Example : "DOMAIN" | enum (ACCOUNT, CREDIT_CARD, DOMAIN, DOMAIN_TRACKER, EXTERNAL, LEAK, LEAK_DISTINCT, MAIL, MAIL_EXTERNAL, POST, SOCIAL) |
| updatedAt <i>required</i> | Time when alert job was updated in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |

4.11. Alert Job Update Payload

| Name | Description | Schema |
|-----------------------------------|--|--|
| active <i>required</i> | Alert job is active Example : <code>true</code> | boolean |
| id <i>required</i> | Internal ID Example : <code>48</code> | integer (int64) |
| keyword <i>required</i> | Keyword to track, 3 to 1000 characters Example : "contoso" | string |
| type <i>required</i> | Type of events to track Example : "DOMAIN" | enum (DOMAIN, DOMAINTRACKER, EMAIL, LEAK, EXTERNAL, SOCIAL, ACCOUNT) |

4.12. Alert Sent Payload

| Name | Description | Schema |
|---|---|-------------------------|
| currentSent <i>optional</i> | Sent flag of alert event. Example : <code>false</code> | boolean |
| includeIdStrategy <i>required</i> | Object IDs inclusion strategy. This field determines, whether IDs in queryIds should be exported or excluded from export. Example : "EXCLUDE" | enum (INCLUDE, EXCLUDE) |
| jobId <i>optional</i> | Job ID to filter alerts for. Example : <code>7</code> | integer (int64) |

| Name | Description | Schema |
|------------------------------------|---|--|
| queryIds <i>required</i> | Object IDs to export or exclude from export. The list may be empty. Example : <code>"['1', '5']"</code> | < integer (int64) > array |
| sent <i>required</i> | Mark alert as sent (true) or un-sent (false) Example : <code>true</code> | boolean |
| type <i>optional</i> | Alert event type. Example : <code>"DOMAIN"</code> | enum (DOMAIN, DOMAIN_TRACKER, MAIL, MAIL_EXTERNAL, LEAK, LEAK_DISTINCT, EXTERNAL, SOCIAL, ACCOUNT) |

4.13. Alert Total Risk Result

| Name | Description | Schema |
|----------------------------------|--|---|
| high <i>required</i> | Sum of high scores per period Example : <code>2</code> | integer (int64) |
| low <i>required</i> | Sum of low scores per period Example : <code>45</code> | integer (int64) |
| med <i>required</i> | Sum of medium scores per period Example : <code>1</code> | integer (int64) |
| source <i>required</i> | Type of alert event Example : <code>"DOMAIN"</code> | enum (DOMAIN, DOMAIN_TRACKER, MAIL, MAIL_EXTERNAL, LEAK, EXTERNAL, SOCIAL, ACCOUNT) |

4.14. Bot Record Result

| Name | Description | Schema |
|-----------------------------------|---|-----------------|
| asn <i>optional</i> | ASN (Autonomous System Number) Example : <code>7303</code> | integer (int32) |
| asnText <i>optional</i> | ASN Owner Example : <code>"Telecom Argentina S.A."</code> | string |
| botId <i>required</i> | Internal bot ID Example : <code>"e67dd2e3-d6e1-452f-87ef-edb26b5733aa"</code> | string |

| Name | Description | Schema |
|--|--|--------------------------------|
| botName <i>required</i> | Bot name Example : "azorult" | enum (azorult, oski, predator) |
| botPath <i>optional</i> | Bot installation path Example : "C:\\Users\\Administrator\\AppData\\Local\\Temp\\uKxE.exe" | string |
| botVersion <i>optional</i> | Bot version Example : "6.6" | string |
| collectedAt <i>required</i> | Time when data was collected by botnet software in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| computerName <i>optional</i> | Computer name Example : "JOHN-PC" | string |
| country <i>optional</i> | 2-letter country code Example : "CH" | string |
| createdAt <i>required</i> | Time when record was indexed by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| cvssScore <i>optional</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| id <i>optional</i> | | string |
| ip <i>required</i> | IP address Example : "185.1.2.3" | string |
| latitude <i>optional</i> | Computer location latitude Example : 47.28267206606067 | number (double) |
| longitude <i>optional</i> | Computer location longitude Example : 8.578291700023007 | number (double) |
| name <i>optional</i> | Name Example : "john" | string |
| os <i>optional</i> | Operating system name Example : "6.1 x32 Windows 7 Professional" | string |
| time <i>optional</i> | Record-related time in UTC zone, format: yyyy-MM-dd HH:mm:ss. Typically used in cookie records, where it means cookie expire date. Example : "2019-10-22 14:59:01" | string (date-time) |

| Name | Description | Schema |
|------------------------------------|---|---|
| timeZone <i>optional</i> | Time zone name Example : "UTC+1" | string |
| type <i>required</i> | Record type Example : "PASSWORD" | enum (AUTOCOMPLETE, COOKIE, HISTORY, PASSWORD) |
| url <i>optional</i> | URL Example : "https://microsoft.com" | string |
| userName <i>optional</i> | User name, under which the bot is running Example : "Administrator" | string |
| value <i>optional</i> | Value Example : "passwd123" | string |

4.15. Bot Result

| Name | Description | Schema |
|--|--|--------------------|
| asn <i>optional</i> | ASN (Autonomous System Number) Example : 7303 | integer (int32) |
| asnText <i>optional</i> | ASN Owner Example : "Telecom Argentina S.A." | string |
| collectedAt <i>required</i> | Time when data was collected by botnet software in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| computerName <i>optional</i> | Computer name Example : "JOHN-PC" | string |
| country <i>optional</i> | 2-letter country code Example : "CH" | string |
| createdAt <i>required</i> | Time when bot was indexed by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| cvssScore <i>optional</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| id <i>optional</i> | | string |

| Name | Description | Schema |
|---|---|--------------------------------|
| ip <i>required</i> | IP address Example : "185.1.2.3" | string |
| latitude <i>optional</i> | Computer location latitude Example : 47.28267206606067 | number (double) |
| longitude <i>optional</i> | Computer location longitude Example : 8.578291700023007 | number (double) |
| name <i>required</i> | Bot name Example : "azorult" | enum (azorult, oski, predator) |
| numberOfRecords <i>required</i> | Number of records collected for this bot Example : 93 | integer (int64) |
| os <i>optional</i> | Operating system name Example : "6.1 x32 Windows 7 Professional" | string |
| path <i>optional</i> | Bot installation path Example : "C:\\Users\\Administrator\\AppData\\Local\\Temp\\uKxE.exe" | string |
| timeZone <i>optional</i> | Time zone name Example : "UTC+1" | string |
| userName <i>optional</i> | User name, under which the bot is running Example : "Administrator" | string |
| version <i>optional</i> | Bot version Example : "6.6" | string |

4.16. Count Result

Count of objects result

| Name | Description | Schema |
|---------------------------------|--|-----------------|
| count <i>required</i> | Total number of requested objects Example : 1000 | integer (int64) |

4.17. Credit Card Result

| Name | Description | Schema |
|--------------------------------|--|--------|
| bank <i>optional</i> | Card`s bank holder Example : "Deutsche Bank" | string |

| Name | Description | Schema |
|--|--|--------------------|
| createdAt <i>required</i> | Time when card was indexed by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| cvssScore <i>optional</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| cvv <i>optional</i> | Card verification value Example : "123" | string |
| expireDate <i>optional</i> | Card`s expiration date Example : "2021-12-31" | string (date-time) |
| id <i>optional</i> | | string |
| leakDiscoverDate <i>required</i> | Date when leak was discovered by Kaduu team, format: yyyy-MM-dd Example : "2019-10-22" | string (date-time) |
| leakId <i>required</i> | Internal leak ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| leakName <i>required</i> | Leak name Example : "Cloudflare Leak" | string |
| leakPublishDate <i>required</i> | Date when leak was available online, format: yyyy-MM-dd Example : "2019-10-22" | string (date-time) |
| leakSize <i>required</i> | Leak size in bytes Example : 102400 | integer (int64) |
| leakTags <i>required</i> | Comma-separated list of leak tags Example : "hash,json" | string |
| number <i>required</i> | Masked credit card number Example : "112233XXXXXX7788" | string |
| owner <i>optional</i> | Card`s owner Example : "Smith John" | string |

4.18. Domain Data Request Payload

| Name | Description | Schema |
|------------------------------------|---|---|
| provider <i>optional</i> | Data provider, may be null when requesting data for all available providers Example : "DNS" | enum (DNS, DNS_TWIST, HTTP, PORT, SMTP, WHOIS, GEO, SCREENSHOT) |
| query <i>required</i> | Target domain name search query, 3 to 1000 characters Example : "contoso.com" | string |

4.19. Domain Data Request Result

| Name | Description | Schema |
|---------------------------------------|--|---|
| createdAt <i>required</i> | Request creation time in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| provider <i>optional</i> | Data provider, may be null when requesting data for all available providers Example : "DNS" | enum (DNS, DNS_TWIST, HTTP, PORT, SMTP, WHOIS, GEO, SCREENSHOT) |
| query <i>required</i> | Domain name search query Example : "contoso.com" | string |
| resultCount <i>required</i> | Result count Example : 103 | integer (int64) |
| status <i>required</i> | Data request status Example : "NEW" | enum (NEW, ERROR, FINISHED) |

4.20. Domain Data Result

| Name | Description | Schema |
|-------------------------------------|---|--------------------|
| createdAt <i>required</i> | Data creation time in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |

| Name | Description | Schema |
|---------------------------------------|--|---|
| <p>key <i>required</i></p> | <p>Data key Example : "DNS_A"</p> | <p>enum (DNS_A, DNS_AAAA, DNS_NS, DNS_MX, DNS_CNAME, DNS_SOA, DNS_TWIST_DOMAI N, HTTP_BANNER, HTTP_HASH, HTTP_CONTENT_TYP E, HTTP_CONTENT_LEN GTH, HTTP_CODE, PORT_OPEN, SMTP_BANNER, WHOIS_REGISTRATI ON_DATE, WHOIS_EXPIRATION _DATE, WHOIS_UPDATE_DA TE, WHOIS_ABUSE_CON TACT_EMAIL, WHOIS_ABUSE_CON TACT_PHONE, WHOIS_SERVER, WHOIS_NAME_SERV ER, WHOIS_STATUS, WHOIS_REGISTRAR_ NAME, WHOIS_REGISTRANT _NAME, WHOIS_REGISTRANT _EMAIL, WHOIS_REGISTRANT _ORGANIZATION, WHOIS_REGISTRANT _ADDRESS, WHOIS_REGISTRANT _STATE, WHOIS_REGISTRANT _POSTAL_CODE, WHOIS_REGISTRANT _CITY, WHOIS_REGISTRANT _COUNTRY, WHOIS_REGISTRANT _PHONE, WHOIS_REGISTRANT _FAX,</p> |

| Name | Description | Schema |
|------------------------------------|--|---|
| provider <i>required</i> | Data provider Example : "DNS" | enum (DNS, DNS_TWIST, HTTP, PORT, SMTP, WHOIS, GEO, SCREENSHOT) |
| value <i>required</i> | Data value Example : "127.0.0.1" | string |

4.21. Domain Result

| Name | Description | Schema |
|--|--|--------------------|
| createdAt <i>required</i> | Time when domain was indexed by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| cvssScore <i>optional</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| name <i>required</i> | Domain name Example : "contoso.com" | string |
| registrationDate <i>required</i> | Domain registration date in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| source <i>required</i> | Domain source feed name Example : "whoisxmlapi.com" | string |

4.22. Error Result

The server returns this response in case of any error

| Name | Description | Schema |
|-----------------------------------|---|------------------------|
| details <i>optional</i> | Key-value map containing error details Example : "{ \"name\" : \"field is required\", \"size\" : \"must be within 1..100 range\" }" | < string, string > map |
| error <i>required</i> | Error message Example : "Bad request" | string |

4.23. Existing Domain Data Batch Request Payload

| Name | Description | Schema |
|---|--|--|
| includeIdStrategy <i>required</i> | Object IDs inclusion strategy. This field determines, whether IDs in queryIds should be included or excluded from request. Example : "EXCLUDE" | enum (INCLUDE, EXCLUDE) |
| provider <i>optional</i> | Data provider, may be null when requesting data for all available providers Example : "DNS" | enum (null, DNS, HTTP, PORT, SMTP, WHOIS, GEO, SCREENSHOT) |
| query <i>required</i> | Search query, 3 to 1000 characters Example : "some.domain.com" | string |
| queryIds <i>required</i> | Object IDs to request data or exclude from request. The list may be empty. Maximum 1000 domain ids are allowed. Example : "['1', '2']" | < string > array |
| sortDirection <i>optional</i> | Sort direction Example : "DESC" | enum (ASC, DESC) |
| sortField <i>optional</i> | Sort field Example : "createdAt" | string |

4.24. Existing Domain Data Request Payload

| Name | Description | Schema |
|------------------------------------|---|--|
| provider <i>optional</i> | Data provider, may be null when requesting data for all available providers Example : "DNS" | enum (DNS, HTTP, PORT, SMTP, WHOIS, GEO, SCREENSHOT) |
| remember <i>optional</i> | Remember data results for the domain in permanent storage Example : false | boolean |

4.25. Export Payload

| Name | Description | Schema |
|---|---|-------------------------|
| includeIdStrategy <i>required</i> | Object IDs inclusion strategy. This field determines, whether IDs in queryIds should be exported or excluded from export. Example : "EXCLUDE" | enum (INCLUDE, EXCLUDE) |
| prettyPrint <i>required</i> | Pretty print flag, controls whether JSON and XML output should be indented for better readability. Example : true | boolean |

| Name | Description | Schema |
|---|---|---|
| query <i>required</i> | Search object in JSON format, 3 to 10000 characters. At least, this object should contain a "query" field with an actual search query. Various search types may contain additional fields, please refer to corresponding module search documentation for information on additional fields available here. Example : "bob@bob.com" | string |
| queryIds <i>required</i> | Object IDs to export or exclude from export, up to 100 items. The list may be empty. Example : "['1', '5']" | < string > array |
| sortDirection <i>optional</i> | Sort direction Example : "DESC" | enum (ASC, DESC) |
| sortField <i>optional</i> | Sort field Example : "createdAt" | string |
| sources <i>required</i> | Export sources/services to get data from Example : "DOMAIN" | < enum (ACCOUNT, CREDIT_CARD, DOMAIN, EXTERNAL, LEAK, LEAK_DISTINCT, MAIL, MAIL_EXTERNAL, POST, SOCIAL) > array |
| type <i>required</i> | Export format type Example : "JSON" | enum (CSV, JSON, XML) |

4.26. Export Result

| Name | Description | Schema |
|---------------------------------------|---|--------------------|
| createdAt <i>required</i> | Time when export was started in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| filesCount <i>required</i> | Number of files in exported file. Only applicable for exports with multiple sources. Example : 1 | integer (int32) |
| id <i>required</i> | Internal ID Example : "2345" | string |
| recordCount <i>required</i> | Record count in exported file Example : 187 | integer (int64) |

| Name | Description | Schema |
|-----------------------------------|---|---|
| sources <i>required</i> | Export sources/services to get data from Example : "DOMAIN" | < enum (ACCOUNT, DOMAIN, EXTERNAL, LEAK, MAIL, MAIL_EXTERNAL, SOCIAL) > array |
| status <i>required</i> | Export status Example : "NEW" | enum (NEW, ERROR, FINISHED) |
| type <i>required</i> | Export format type Example : "JSON" | enum (CSV, JSON, XML) |

4.27. External Result

| Name | Description | Schema |
|---------------------------------------|--|--|
| createdAt <i>required</i> | Time when result was crawled by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| cvssScore <i>optional</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| description <i>required</i> | Resource description (search engine snippet) Example : "The Best Deep Web Hosting. Wordpress supported. Secure and anonymous." | string |
| engine <i>required</i> | Engine that provided the result Example : "google_onion_link" | enum (ahmia, candle, darknet, google_nbc_paste_search, google_onion_link, haystak, notevil, onionland, onionse, phobos, torch) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| url <i>required</i> | URL of the result Example : "http://lebqilhq3tsow25r.onion/vg/post/215854565/" | string |

4.28. External Search Request Payload

| Name | Description | Schema |
|------------------------------------|--|---------|
| query <i>required</i> | Search query, 3 to 10000 characters Example : "contoso" | string |
| validate <i>required</i> | Validation flag. If set to true, checks every result received from external sources by visiting the result web page and examining if it indeed contains the search term. Narrows down the results, but makes the results more relevant. Example : true | boolean |

4.29. External Search Result

| Name | Description | Schema |
|---------------------------------------|--|--|
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| query <i>required</i> | Keyword to search Example : "contoso" | string |
| resultCount <i>required</i> | Total number of search results Example : 1000 | integer (int64) |
| states <i>required</i> | Search service states | < string, External Service State > map |
| status <i>required</i> | Search status Example : "NEW" | enum (NEW, ERROR, FINISHED) |

4.30. External Service State

| Name | Description | Schema |
|---------------------------------------|--|--------------------------------------|
| progress <i>required</i> | Search progress percentage Example : 100.0 | number (double) |
| resultCount <i>required</i> | Number of search results Example : 1000 | integer (int64) |
| status <i>required</i> | Search status Example : "NEW" | enum (NEW, RUNNING, ERROR, FINISHED) |

4.31. Favorite Create Payload

| Name | Description | Schema |
|-----------------------------------|---|--|
| content <i>optional</i> | Serialized object value Example : "{\\"email\\": \\"john@doe.com\\"}" | string |
| refId <i>required</i> | Referenced object ID, 3 to 1000 characters Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| refUrl <i>optional</i> | Referenced object URL, up to 1000 characters Example : "https://kaduu.ch/" | string |
| title <i>required</i> | Object title Example : "john@doe.com" | string |
| type <i>required</i> | Object type Example : "LEAK" | enum (ACCOUNT, BOTNET, CREDIT_CARD, DOMAIN, EXTERNAL, LEAK, LEAK_DISTINCT, MAIL, MAIL_EXTERNAL, PASTE, POST, SOCIAL, THREAT_ACTOR) |

4.32. Favorite Result

| Name | Description | Schema |
|-------------------------------------|---|--------------------|
| content <i>optional</i> | Serialized object value Example : "{\\"email\\": \\"john@doe.com\\"}" | string |
| createdAt <i>required</i> | Time when favorite was created in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| refId <i>required</i> | Referenced object ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| refUrl <i>optional</i> | Referenced object URL | string |
| title <i>required</i> | Object title Example : "john@doe.com" | string |

| Name | Description | Schema |
|--------------------------------|--|--|
| type <i>required</i> | Object type Example : "LEAK" | enum (ACCOUNT, BOTNET, CREDIT_CARD, DOMAIN, EXTERNAL, LEAK, LEAK_DISTINCT, MAIL, MAIL_EXTERNAL, PASTE, POST, SOCIAL) |

4.33. Generic Search Export Payload

| Name | Description | Schema |
|---------------------------------------|---|-----------------------|
| prettyPrint <i>required</i> | Pretty print flag, controls whether JSON and XML output should be indented for better readability. Example : true | boolean |
| type <i>required</i> | Export format type Example : "JSON" | enum (CSV, JSON, XML) |

4.34. Generic Search Payload

| Name | Description | Schema |
|------------------------------------|---|---|
| query <i>required</i> | Search query, 3 to 10000 characters Example : "contoso" | string |
| services <i>optional</i> | Search services. If not specified, then will search all services Example : "['LEAK', 'MAIL']" | < enum (ACCOUNT, DOMAIN, EXTERNAL, LEAK, LEAK_DISTINCT, MAIL, MAIL_EXTERNAL, POST, SOCIAL) > array |
| wizard <i>optional</i> | Enable query wizard, that will transform queries provided by user to queries that will provide more relevant results Example : true | boolean |

4.35. Generic Search Result

| Name | Description | Schema |
|---------------------------------------|--|--|
| createdAt <i>required</i> | Search start time in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| resultCount <i>required</i> | Result count Example : 103 | integer (int64) |
| states <i>required</i> | Service search states | < string, < Service Search Result > array > map |
| status <i>required</i> | Search status Example : "NEW" | enum (NEW, RUNNING, ERROR, FINISHED) |
| wizard <i>required</i> | Enable query wizard, that will transform queries provided by user to queries that will provide more relevant results Example : false | boolean |

4.36. Leak File Download Task Payload

| Name | Description | Schema |
|----------------------------------|--|--------|
| digest <i>required</i> | File digest Example : "ADAC90F94BE2BADD6BF02DE038DE69200EA379BAF3D5D6B2E86075448ED2FC25" | string |
| leakId <i>required</i> | Leak ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |

4.37. Leak File Download Task Result

| Name | Description | Schema |
|-------------------------------------|---|--------------------|
| createdAt <i>required</i> | Time when file was created in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| errorText <i>optional</i> | File processing error if any Example : "Invalid file format" | string |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |

| Name | Description | Schema |
|-------------------------------------|---|-----------------------------|
| name <i>required</i> | File Name Example : "example.txt" | string |
| size <i>required</i> | Leak file size in bytes Example : 102400 | integer (int64) |
| status <i>required</i> | Task status Example : "FINISHED" | enum (NEW, ERROR, FINISHED) |
| updatedAt <i>required</i> | Time when file was updated last time in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |

4.38. Leak File Result

| Name | Description | Schema |
|-------------------------------------|---|--------------------|
| createdAt <i>required</i> | Time when file was created in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| name <i>required</i> | File Name Example : "example.txt" | string |
| size <i>required</i> | Leak file size in bytes Example : 102400 | integer (int64) |

4.39. Leak Index Distinct Search Result

| Name | Description | Schema |
|-------------------------------------|--|--------------------|
| createdAt <i>required</i> | Time when leak was indexed by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| cvssScore <i>optional</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |

| Name | Description | Schema |
|--|--|--------------------|
| leakDiscoveredAt <i>required</i> | Date when leak was discovered by Kaduu team, format: yyyy-MM-dd Example : "2019-10-22" | string (date-time) |
| leakName <i>required</i> | Leak name Example : "Cloudflare Leak" | string |
| leakPublishDate <i>required</i> | Date when leak was available online, format: yyyy-MM-dd Example : "2019-10-22" | string (date-time) |
| leakSize <i>required</i> | Leak size in bytes Example : 102400 | integer (int64) |
| leakSource <i>optional</i> | Leak source Example : "cloudflare.com" | string |
| leakTags <i>required</i> | Comma-separated list of leak tags Example : "hash,json" | string |
| resultCount <i>required</i> | Result count Example : 123 | integer (int64) |

4.40. Leak Index Search Result

| Name | Description | Schema |
|---|--|--------------------|
| content <i>required</i> | Leak content Example : "john@doe.com:123456" | string |
| createdAt <i>required</i> | Time when leak was indexed by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| cvssScore <i>optional</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| fileExtension <i>required</i> | Leak file extension Example : "sql" | string |
| fileName <i>required</i> | Leak file name Example : "cloudflare.sql" | string |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |

| Name | Description | Schema |
|--|--|--------------------|
| leakDiscoverDate <i>required</i> | Date when leak was discovered by Kaduu team, format: yyyy-MM-dd Example : "2019-10-22" | string (date-time) |
| leakId <i>required</i> | Internal leak ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| leakName <i>required</i> | Leak name Example : "Cloudflare Leak" | string |
| leakPublishDate <i>required</i> | Date when leak was available online, format: yyyy-MM-dd Example : "2019-10-22" | string (date-time) |
| leakSize <i>required</i> | Leak size in bytes Example : 102400 | integer (int64) |
| leakSource <i>optional</i> | Leak source Example : "cloudflare.com" | string |
| leakTags <i>required</i> | Comma-separated list of leak tags Example : "hash,json" | string |

4.41. Leak Result

| Name | Description | Schema |
|--|--|--------------------|
| createdAt <i>required</i> | Time when leak was indexed by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| description <i>required</i> | Leak description Example : "New private leak with 500,000 accounts." | string |
| discoverDate <i>required</i> | Date when leak was discovered by Kaduu team, format: yyyy-MM-dd Example : "2019-10-22" | string (date-time) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| name <i>required</i> | Name Example : "Cloudflare Leak" | string |
| numberOfAccounts <i>required</i> | Number of detected accounts Example : 1000 | integer (int64) |

| Name | Description | Schema |
|---|---|---|
| numberOfFiles <i>required</i> | Number of files in leak Example : 23 | integer (int64) |
| numberOfRecords <i>required</i> | Number of separate records Example : 1000 | integer (int64) |
| publishDate <i>required</i> | Date when leak was available online, format: yyyy-MM-dd Example : "2019-10-22" | string (date-time) |
| similarLeaks <i>required</i> | List of similar leaks | < Similar Leak Result > array |
| similarity <i>required</i> | Leak file similarity to other leaks in percents, based on file hashes Example : 50.04 | number (double) |
| size <i>required</i> | Leak size in bytes Example : 102400 | integer (int64) |
| tags <i>required</i> | List of tags Example : "['hash', 'sql']" | < string > array |
| websites <i>required</i> | List of websites and number of accounts in them | < string, integer (int64) > map |

4.42. Leaked Account Result

| Name | Description | Schema |
|--|--|--------------------|
| createdAt <i>required</i> | Time when leak was indexed by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| cvssScore <i>optional</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| leakDiscoveredDate <i>required</i> | Date when leak was discovered by Kaduu team, format: yyyy-MM-dd Example : "2019-10-22" | string (date-time) |
| leakId <i>required</i> | Internal leak ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |

| Name | Description | Schema |
|---|--|--------------------|
| leakName <i>required</i> | Leak name Example : "Cloudflare Leak" | string |
| leakPublishDate <i>required</i> | Date when leak was available online, format: yyyy-MM-dd Example : "2019-10-22" | string (date-time) |
| leakSize <i>required</i> | Leak size in bytes Example : 102400 | integer (int64) |
| leakTags <i>required</i> | Comma-separated list of leak tags Example : "hash, json" | string |
| login <i>required</i> | Leaked account login Example : "john@doe.com" | string |
| password <i>required</i> | Leaked plain-text password or hash Example : "123456" | string |
| website <i>optional</i> | Website domain name Example : "website.com" | string |

4.43. Leaked Accounts Daily Statistic

| Name | Description | Schema |
|------------------------------------|---|-----------------|
| accounts <i>required</i> | Count of leaked accounts per date Example : 30526 | integer (int64) |
| date <i>required</i> | Date when leaked accounts was indexed by Kaduu in UTC zone, format: yyyy-MM-dd Example : "2021-01-22" | string (date) |

4.44. Leaks Daily Statistic

| Name | Description | Schema |
|---------------------------------|---|-----------------|
| date <i>required</i> | Date when leaks was indexed by Kaduu in UTC zone, format: yyyy-MM-dd Example : "2021-01-22" | string (date) |
| leaks <i>required</i> | Count of leaks per date Example : 30526 | integer (int64) |

4.45. Mail External Result Item

| Name | Description | Schema |
|---------------------------------------|--|--------------------|
| createdAt <i>required</i> | Time when mail was created by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| cvssScore <i>optional</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| id <i>required</i> | Internal ID Example : "12452" | string |
| mail <i>required</i> | Mail address Example : "bob@bob.com" | string |
| name <i>required</i> | Owner's name Example : "Bob Johnson" | string |
| phoneNumber <i>required</i> | Owner`s phone number Example : "8800327245" | string |
| position <i>required</i> | Owner`s position in company Example : "CEO" | string |
| source <i>required</i> | Source URL, where the mail address has been found Example : "https://google.com" | string |

4.46. Mail External Search Payload

| Name | Description | Schema |
|---------------------------------|---|--------|
| query <i>required</i> | Company name or domain name with optional person name. Example : "asana.com \"Erin Cheng\"" | string |

4.47. Mail External Search Result

| Name | Description | Schema |
|-------------------------------------|--|--------------------|
| createdAt <i>required</i> | Search start time in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| id <i>required</i> | Internal ID Example : "2341" | string |
| query <i>required</i> | Source query Example : "bob.com" | string |

| Name | Description | Schema |
|---------------------------------------|--|-----------------------------|
| resultCount <i>required</i> | Search result count Example : 10 | integer (int32) |
| status <i>required</i> | Search status Example : "NEW" | enum (NEW, ERROR, FINISHED) |

4.48. Mail Result

| Name | Description | Schema |
|-------------------------------------|--|--------------------|
| createdAt <i>required</i> | Time when mail was indexed by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| cvssScore <i>optional</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| mail <i>required</i> | Mail address Example : "bob@bob.com" | string |
| source <i>required</i> | Source URL, where the mail address has been found Example : "https://contoso.com/website-page.html" | string |

4.49. Page«Account Result»

| Name | Schema |
|--|--|
| content <i>optional</i> | < Account Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |

| Name | Schema |
|---|-----------------|
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.50. Page«Actor Association Result»

| Name | Schema |
|--|--|
| content <i>optional</i> | < Actor Association Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.51. Page«Actor Leak Result»

| Name | Schema |
|-----------------------------------|---|
| content <i>optional</i> | < Actor Leak Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |

| Name | Schema |
|--|-----------------|
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.52. Page«Alert Event Result»

| Name | Schema |
|--|--|
| content <i>optional</i> | < Alert Event Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.53. Page«Alert Job Result»

| Name | Schema |
|-----------------------------------|--|
| content <i>optional</i> | < Alert Job Result > array |
| first <i>optional</i> | boolean |

| Name | Schema |
|--|-----------------|
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.54. Page«Bot Record Result»

| Name | Schema |
|--|---|
| content <i>optional</i> | < Bot Record Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.55. Page«Bot Result»

| Name | Schema |
|--|--------------------------------------|
| content <i>optional</i> | < Bot Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.56. Page«Credit Card Result»

| Name | Schema |
|--|--|
| content <i>optional</i> | < Credit Card Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.57. Page«Domain Data Result»

| Name | Schema |
|--|--|
| content <i>optional</i> | < Domain Data Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.58. Page«Domain Result»

| Name | Schema |
|--|---|
| content <i>optional</i> | < Domain Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |

| Name | Schema |
|--------------------------------------|-----------------|
| totalPages <i>optional</i> | integer (int32) |

4.59. Page«Export Result»

| Name | Schema |
|--|---|
| content <i>optional</i> | < Export Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.60. Page«External Result»

| Name | Schema |
|--|---|
| content <i>optional</i> | < External Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |

| Name | Schema |
|---|-----------------|
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.61. Page«Favorite Result»

| Name | Schema |
|--|---|
| content <i>optional</i> | < Favorite Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.62. Page«Leak File Download Task Result»

| Name | Schema |
|-----------------------------------|--|
| content <i>optional</i> | < Leak File Download Task Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |

| Name | Schema |
|--|-----------------|
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.63. Page«Leak File Result»

| Name | Schema |
|--|--|
| content <i>optional</i> | < Leak File Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.64. Page«Leak Index Distinct Search Result»

| Name | Schema |
|-----------------------------------|---|
| content <i>optional</i> | < Leak Index Distinct Search Result > array |

| Name | Schema |
|--|-----------------|
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.65. Page«Leak Index Search Result»

| Name | Schema |
|--|--|
| content <i>optional</i> | < Leak Index Search Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.66. Page«Leak Result»

| Name | Schema |
|--|---------------------------------------|
| content <i>optional</i> | < Leak Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.67. Page«Leaked Account Result»

| Name | Schema |
|--|---|
| content <i>optional</i> | < Leaked Account Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |

| Name | Schema |
|--------------------------------------|-----------------|
| totalPages <i>optional</i> | integer (int32) |

4.68. Page«Mail External Result Item»

| Name | Schema |
|--|---|
| content <i>optional</i> | < Mail External Result Item > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.69. Page«Mail Result»

| Name | Schema |
|--|---------------------------------------|
| content <i>optional</i> | < Mail Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |

| Name | Schema |
|---|-----------------|
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.70. Page«Paste Result»

| Name | Schema |
|--|--|
| content <i>optional</i> | < Paste Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.71. Page«Post Result»

| Name | Schema |
|-----------------------------------|---------------------------------------|
| content <i>optional</i> | < Post Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |

| Name | Schema |
|--|-----------------|
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.72. Page«Role Result»

| Name | Schema |
|--|---------------------------------------|
| content <i>optional</i> | < Role Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.73. Page«Social Network Post»

| Name | Schema |
|-----------------------------------|---|
| content <i>optional</i> | < Social Network Post > array |

| Name | Schema |
|--|-----------------|
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.74. Page«Source Result»

| Name | Schema |
|--|---|
| content <i>optional</i> | < Source Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.75. Page«Threat Actor Result»

| Name | Schema |
|--|---|
| content <i>optional</i> | < Threat Actor Result > array |
| first <i>optional</i> | boolean |
| last <i>optional</i> | boolean |
| number <i>optional</i> | integer (int32) |
| numberOfElements <i>optional</i> | integer (int32) |
| size <i>optional</i> | integer (int32) |
| totalElements <i>optional</i> | integer (int64) |
| totalPages <i>optional</i> | integer (int32) |

4.76. Paste Result

| Name | Description | Schema |
|---------------------------------------|---|--------------------|
| createdAt <i>required</i> | Time when paste was indexed by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| cvssScore <i>optional</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| publishedAt <i>optional</i> | Time when paste was published online in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| sourceId <i>required</i> | ID of the source website, where the paste has been found | string |

| Name | Description | Schema |
|--------------------------------------|---|--------|
| sourceName <i>required</i> | Name of the source website, where the paste has been found | string |
| text <i>required</i> | Paste text Example : "#!/bin/bash\n\nnecho 'Like a bash'" | string |
| title <i>optional</i> | Paste title Example : "my_script.sh" | string |
| url <i>optional</i> | Paste URL Example : "https://paste.com/deadbeef" | string |

4.77. Post Result

| Name | Description | Schema |
|--|---|---------------------------------|
| authorName <i>required</i> | Author name Example : "intruder3000" | string |
| authorProfileUrl <i>optional</i> | Author's profile URL Example : "https://my.forum.com/users/intruder3000" | string |
| createdAt <i>required</i> | Time when post was indexed by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| cvssScore <i>required</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| publishedAt <i>required</i> | Time when post was published on source in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| sourceId <i>required</i> | Source Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| sourceName <i>required</i> | Source name Example : "site.com" | string |
| sourceType <i>required</i> | Source type Example : "FORUM" | enum (FORUM, MARKETPLACE, NEWS) |

| Name | Description | Schema |
|---|--|--------|
| text <i>required</i> | Text content Example : "Dear forum members, I have all databases of ACME Corp for sale. Please PM me for details & price." | string |
| threadUrl <i>optional</i> | Thread URL Example : "https://my.forum.com/do-androids-dream" | string |
| threatActorId <i>required</i> | Threat Actor ID Example : "d409ae46-43ab-34d5-a452-9908c050128f" | string |
| title <i>optional</i> | Thread or post title Example : "Leaked databases of ACME Corp for sale" | string |
| url <i>optional</i> | Post URL Example : "https://my.forum.com/do-androids-dream/112346" | string |

4.78. Role Result

| Name | Description | Schema |
|--------------------------------|--|--------|
| name <i>required</i> | Role name Example : "ROLE_COMPANY_ADMIN" | string |

4.79. Service Search Result

| Name | Description | Schema |
|---------------------------------------|---|--------------------------------------|
| createdAt <i>required</i> | Search start time in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| id <i>optional</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| query <i>required</i> | Search query, may be different from the main query if query wizard is used Example : "test" | string |
| resultCount <i>required</i> | Result count Example : 185 | integer (int64) |
| status <i>required</i> | Search request status Example : "NEW" | enum (NEW, RUNNING, ERROR, FINISHED) |

4.80. Similar Leak Result

| Name | Description | Schema |
|--------------------------------------|---|-----------------|
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| name <i>required</i> | Name Example : "Cloudflare Leak" | string |
| similarity <i>required</i> | Similarity percentage to current leak, based on file hashes Example : 50.04 | number (double) |

4.81. Social Network Post

| Name | Description | Schema |
|-------------------------------------|--|---------------------------------|
| createdAt <i>required</i> | Time when social network post was created in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| cvssScore <i>optional</i> | CVSS score Minimum value : 0 Maximum value : 10 Example : 7.0 | number (float) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| language <i>optional</i> | Content language code Example : "en" | string |
| likes <i>required</i> | Number of likes Example : 7 | integer (int32) |
| link <i>required</i> | Link Example : "https://twitter.com/lucysecurity/status/1181595706831884288" | string |
| location <i>optional</i> | Geolocation tag of the post Example : "Zürich, Schweiz" | string |
| post <i>required</i> | Content Example : "Der Dienstag ist noch nicht vorbei! Kommt zu uns an den Stand und wir zeigen euch die beste #Awareness Lösung im Markt! #phishing #itsa19 #CyberSecurity" | string |
| reposts <i>required</i> | Number of reposts Example : 29 | integer (int32) |
| type <i>required</i> | Social network type Example : "TWITTER" | enum (TWITTER, REDDIT, YOUTUBE) |

| Name | Description | Schema |
|---|--|-----------------|
| userAlias <i>required</i> | User's screen name (alias) Example : "lucysecurity" | string |
| userFriends <i>required</i> | Number of user's friends / followers Example : 101 | integer (int32) |
| userImageLink <i>required</i> | Link to user's profile image Example : "https://pbs.twimg.com/profile_images/1142378562097483776/CtyWEwFa_normal.jpg" | string |
| userLanguage <i>optional</i> | User's preferred language code Example : "en" | string |
| userLocation <i>optional</i> | User's profile location Example : "Zürich, Schweiz" | string |
| userName <i>required</i> | User's full name Example : "LUCY Awareness & Training\n" | string |
| userProfileLink <i>required</i> | Link to user's profile Example : "https://twitter.com/lucysecurity" | string |

4.82. Social Network Search Payload

| Name | Description | Schema |
|------------------------------------|---|--------------------|
| query <i>required</i> | Search query, 3 to 10000 characters Example : "contoso" | string |
| timeFrom <i>optional</i> | Social network creation starting time in UTC zone, format: yyyy-MM-dd HH:mm:ss. The system will search for social network posts created after the specified time. Example : "2019-10-22 14:59:01" | string (date-time) |
| timeTo <i>optional</i> | Social network creation ending time in UTC zone, format: yyyy-MM-dd HH:mm:ss. The system will search for social network posts created before the specified time. Example : "2019-10-22 14:59:01" | string (date-time) |

4.83. Social Network Search Result

| Name | Description | Schema |
|-------------------------------------|--|--------------------|
| createdAt <i>required</i> | Search start time in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |

| Name | Description | Schema |
|---------------------------------------|---|-----------------------------|
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| query <i>required</i> | Keyword to search Example : "contoso" | string |
| resultCount <i>required</i> | Total number of search results Example : 1000 | integer (int64) |
| status <i>required</i> | Search status Example : "NEW" | enum (NEW, ERROR, FINISHED) |
| timeFrom <i>optional</i> | Social network creation starting time in UTC zone, format: yyyy-MM-dd HH:mm:ss. The system will search for social network posts created after the specified time. Example : "2019-10-22 14:59:01" | string (date-time) |
| timeTo <i>optional</i> | Social network creation ending time in UTC zone, format: yyyy-MM-dd HH:mm:ss. The system will search for social network posts created before the specified time. Example : "2019-10-22 14:59:01" | string (date-time) |

4.84. Source Result

| Name | Description | Schema |
|-------------------------------------|---|---------------------------------|
| createdAt <i>required</i> | Time when source was added to Kaduu, in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2019-10-22 14:59:01" | string (date-time) |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| name <i>required</i> | Name Example : "site.com" | string |
| type <i>required</i> | Type Example : "FORUM" | enum (FORUM, MARKETPLACE, NEWS) |
| url <i>optional</i> | Website URL Example : "https://www.site.com" | string |

4.85. Statistics Result

Server-side statistics

| Name | Description | Schema |
|--|--|-----------------|
| accounts <i>required</i> | Number of accounts indexed Example : 1000 | integer (int64) |
| alerts <i>required</i> | Number of alert events triggered Example : 1000 | integer (int64) |
| botRecords <i>required</i> | Number of bot records indexed Example : 1000 | integer (int64) |
| bots <i>required</i> | Number of bots indexed Example : 1000 | integer (int64) |
| creditCards <i>required</i> | Number of credit cards indexed Example : 1000 | integer (int64) |
| domains <i>required</i> | Number of domains indexed Example : 1000 | integer (int64) |
| exports <i>required</i> | Number of actual exports Example : 1000 | integer (int64) |
| leakRecords <i>required</i> | Number of leak records discovered Example : 1000 | integer (int64) |
| leakWebsites <i>required</i> | Number of website leaks Example : 1000 | integer (int64) |
| leaks <i>required</i> | Number of leaks indexed Example : 1000 | integer (int64) |
| leaksSize <i>required</i> | Size of leaks indexed, in bytes Example : 1000 | integer (int64) |
| mails <i>required</i> | Number of mails indexed Example : 1000 | integer (int64) |
| pastes <i>required</i> | Number of pastes indexed Example : 1000 | integer (int64) |
| posts <i>required</i> | Number of discussion board posts Example : 1000 | integer (int64) |

4.86. Threat Actor Result

| Name | Description | Schema |
|-------------------------------------|--|--------------------|
| createdAt <i>required</i> | Time when actor was created by Kaduu in UTC zone, format: yyyy-MM-dd HH:mm:ss Example : "2021-02-22 14:59:01" | string (date-time) |

| Name | Description | Schema |
|---------------------------------------|--|---------------------|
| description <i>optional</i> | Description Example : "regular user" | string |
| id <i>required</i> | Internal ID Example : "e67dd2e3-d6e1-452f-87ef-edb26b5733aa" | string |
| login <i>optional</i> | Login for the source website Example : "anna" | string |
| mail <i>optional</i> | Mail address Example : "anna@anna.com" | string |
| name <i>required</i> | Name Example : "anna" | string |
| password <i>optional</i> | Password for the source website Example : "5e18e934bae99073b63593b19bb12779" | string |
| profileUrl <i>optional</i> | Profile URL Example : "http://profile.site.com/anna" | string |
| source <i>required</i> | Source name Example : "anna.com" | string |
| type <i>required</i> | Type Example : "PERSON" | enum (PERSON, TEAM) |

Response:

```
{
  "content": [
    {
      "id": "62b10fa2-cf78-47aa-8bac-3e403961a330",
      "name": "microso0ft.com",
      "createdAt": "2018-04-01 00:00:00",
      "registrationDate": "2018-04-01",
      "source": "whoisxmlapi.com:new-domains-feed:whois"
    }
  ],
  "totalElements": 1,
  "totalPages": 1,
  "number": 0,
  "size": 1,
  "numberOfElements": 1,
  "first": true,
  "last": true,
  "sort": [{
    "property": "createdAt",
    "direction": "DESC"
  }]
}
```

The result contains domain matches in `content` list.
In case if there are no results found, an empty list is returned.

5.2.2. Get Domain Information

When performing a domain search, you get a unique domain ID for each domain result. This ID is a permanent domain & registration date identifier that can be used later to directly obtain the domain's information.

Request:

```
curl -X GET \
  https://app.leak.center/svc-saas/domain/<domain-id> \
  -H 'authorization: Bearer <your token>' \
  -H 'content-type: application/json'
```

Response:

```
{
  "id": "62b10fa2-cf78-47aa-8bac-3e403961a330",
  "name": "microso0ft.com",
  "createdAt": "2018-04-01 00:00:00",
  "registrationDate": "2018-04-01",
  "source": "whoisxmlapi.com:new-domains-feed:whois"
}
```

The response contains information about the requested domain.

5.2.3. Get Domain Extended Data

This query gets extended data for the domain, if it was collected before and saved in permanent storage. By default, all domains have WHOIS data available. If you need some additional information (DNS, GEO, HTTP, PORT, SCREENSHOT, SMTP), please request it explicitly first.

Request:

```
curl -X GET \
  https://app.leak.center/svc-saas/domain/<domain-id>/data?page=&size=10 \
  -H 'authorization: Bearer <your token>' \
  -H 'content-type: application/json'
```

Response:

```

{
  "content": [
    {
      "id": "62b10fa2-cf78-47aa-8bac-3e403961a330",
      "createdAt": "2019-10-07 18:11:54",
      "key": "WHOIS_ABUSE_CONTACT_EMAIL",
      "provider": "WHOIS",
      "value": "swwehr2ej80o@contactprivacy.email"
    },
    {
      "id": "62b10fa2-cf78-47aa-8bac-3e403961a331",
      "createdAt": "2019-10-07 18:11:54",
      "key": "WHOIS_EXPIRATION_DATE",
      "provider": "WHOIS",
      "value": "2020-07-14T23:44:38Z"
    }
  ],
  "totalElements": 1,
  "totalPages": 1,
  "number": 0,
  "size": 1,
  "numberOfElements": 1,
  "first": true,
  "last": true,
  "sort": [{
    "property": "createdAt",
    "direction": "DESC"
  }]
}

```

In order to request new extended data for the domain, you have to perform 3 sequential steps:

- Create a data request and get a data request ID from the server
- Using the data request ID obtained on the previous step, check request status, until the status is **FINISHED**
- Using the data request ID, get results

See 3 sections below for more information.

5.2.4. Create Data Request

This query is used to request new extended data for the domain. You can specify a particular data provider or **null** to get data from all available data providers.

The collected data for the domain can be recorded in permanent storage, set **remember** to **true** if that is needed.

Request:

```
curl -X POST \  
  https://app.leak.center/svc-saas/domain/<domain-id>/data \  
  -H 'authorization: Bearer <your token>' \  
  -H 'content-type: application/json' \  
  -d '{"provider": "DNS", "remember": true}'
```

Response:

```
{  
  "id": "1a1c1417-1d12-4b68-8ce3-faa0d730036c",  
  "createdAt": "2019-10-23 03:05:00",  
  "query": "<domain name>",  
  "status": "NEW",  
  "provider": "DNS",  
  "resultCount": 0  
}
```

The result contains an internal ID of the request that you posted, its status and a number of results already collected.

5.2.5. Create Data Request For Arbitrary Domain

This query is used to get extended data for arbitrary domain name, even if it was not indexed by Kaduu. You can specify a particular data provider or `null` to get data from all available data providers.

Request:

```
curl -X POST \  
  https://app.leak.center/svc-saas/domain/data \  
  -H 'authorization: Bearer <your token>' \  
  -H 'content-type: application/json' \  
  -d '{"query": "<domain name>", "provider": "DNS"}'
```

Response:


```
{
  "id": "1a1c1417-1d12-4b68-8ce3-faa0d730036c",
  "createdAt": "2019-10-23 03:05:00",
  "query": "<domain name>",
  "status": "NEW",
  "provider": "DNS",
  "resultCount": 0
}
```

The result contains an internal ID of the request that you posted, its status and a number of results already collected.

5.2.6. Check Request Status

Data request may take up to a few minutes, as Kaduu requests external services. You need to periodically check the status of the request, until it shows that its status is **FINISHED**. Make sure you use the ID of the data request you received in a previous response.

The recommended delay between requests is at least 10 seconds.

Request:

```
curl -X GET \
  https://app.leak.center/svc-saas/domain/data/<request-id> \
  -H 'authorization: Bearer <your token>' \
  -H 'content-type: application/json'
```

Response:

```
{
  "id": "1a1c1417-1d12-4b68-8ce3-faa0d730036c",
  "createdAt": "2019-10-23 03:05:00",
  "query": "<domain name>",
  "status": "FINISHED",
  "provider": "DNS",
  "resultCount": 10
}
```

5.2.7. Retrieve Extended Data

After the request status changes to **FINISHED** and **resultCount** is greater than zero, you need to retrieve the results.

Request:

```
curl -X GET \  
  https://app.leak.center/svc-saas/domain/data/<request-id>/results?page=0&size=10 \  
  -H 'authorization: Bearer <your token>' \  
  -H 'content-type: application/json'
```

Response:

```
{  
  "content": [  
    {  
      "id": "62b10fa2-cf78-47aa-8bac-3e403961a330",  
      "createdAt": "2019-10-07 18:11:54",  
      "key": "WHOIS_ABUSE_CONTACT_EMAIL",  
      "provider": "WHOIS",  
      "value": "swwehr2ej80o@contactprivacy.email"  
    },  
    {  
      "id": "62b10fa2-cf78-47aa-8bac-3e403961a331",  
      "createdAt": "2019-10-07 18:11:54",  
      "key": "WHOIS_EXPIRATION_DATE",  
      "provider": "WHOIS",  
      "value": "2020-07-14T23:44:38Z"  
    }  
  ],  
  "totalElements": 1,  
  "totalPages": 1,  
  "number": 0,  
  "size": 1,  
  "numberOfElements": 1,  
  "first": true,  
  "last": true,  
  "sort": [{  
    "property": "createdAt",  
    "direction": "DESC"  
  }]  
}
```

The result contains extended data results listed in `content` list. If you were requesting data for the existing domain and set `remember` flag to `true`, you can also request new data through the domain data endpoint (see **Get Domain Extended Data** section above).

5.3. Leaks

5.3.1. Browse Leaks

This query lists all leaked databases we have indexed.

Please note that you need to replace the search query in example request.

Request:

```
curl -X GET \  
  https://app.leak.center/svc-saas/leak?name=<query>&page=0&size=10 \  
  -H 'authorization: Bearer <your token>' \  
  -H 'content-type: application/json'
```

Response:

```
{  
  "content": [  
    {  
      "id": "423b8304-162b-340e-82fb-320a8955ba97",  
      "name": "ge.tt.json",  
      "description": "1",  
      "publishDate": null,  
      "discoverDate": "2021-01-20",  
      "size": 1673564067,  
      "similarity": 0,  
      "numberOfRecords": 5022721,  
      "numberOfAccounts": 1812167,  
      "numberOfFiles": 1,  
      "tags": [  
        "account"  
      ],  
      "websites": {  
        "ge.tt": 1812167  
      },  
      "similarLeaks": [  
        {  
          "id": "ee2c5868-efc2-35b5-a6db-cc3a61ead4ae",  
          "name": "random-4",  
          "similarity": 0.036134265815495795  
        },  
        {  
          "id": "4de91163-6578-326a-9805-8b12a07a7ef1",  
          "name": "random-34",  
          "similarity": 0.036134265815495795  
        },  
        {  
          "id": "ac4d91f5-b618-397c-a5df-81d7c26ecce6",
```

```

        "name": "knowyourcollege-gov.in",
        "similarity": 99.96386573418451
    }
]
},
{
    "id": "3d46ac94-809a-3a5c-8cf6-b3be5660d08c",
    "name": "xat.com",
    "description": "lorem ipsum dolor sit amet.",
    "publishDate": "2021-01-03",
    "discoverDate": "2021-01-20",
    "size": 672003505,
    "similarity": 10,
    "numberOfRecords": 6155878,
    "numberOfAccounts": 4170188,
    "numberOfFiles": 1,
    "tags": [
        "csv",
        "email",
        "account"
    ],
    "websites": {
        "xat.com": 4170188
    },
    "similarLeaks": []
},
],
"last": false,
"totalElements": 14,
"totalPages": 2,
"first": true,
"sort": [{
    "direction": "DESC",
    "property": "createdAt",
}],
"numberOfElements": 10,
"size": 2,
"number": 0
}

```

5.3.2. Search Leaks

This search query returns leak matches against your query. Please note that you need to replace the search query in example request.

Request:

```
curl -X GET \  
  https://app.leak.center/svc-  
saas/leak/search?query=<query>&page=0&size=10&length=100&highlight=true \  
  -H 'authorization: Bearer <your token>' \  
  -H 'content-type: application/json'
```

Response:

```

{
  "content": [
    {
      "id": "bc41daef-1059-3504-89b6-cf9b42801f2f",
      "createdAt": "2021-01-26 12:20:39",
      "content":
"com:$P$B7EdvecEDP*6VscpMMk5.\n<kaduu:h>test@pozegnaniezcellulitem.pl</kaduu:h>:$P$BTaxYQ
el0v*vW3WBFCc40\nadmi*illo",
      "fileName": "djcj.org.txt",
      "fileExtension": "txt",
      "leakId": "a87f22a6-fb1d-392e-bd8f-8edbf76e2eb8",
      "leakName": "djcj.org.txt",
      "leakSize": 791186,
      "leakTags": "account,password,email",
      "leakPublishDate": "2021-01-20",
      "leakDiscoverDate": "2021-01-20"
    },
    {
      "id": "882fc437-0bcd-3c60-bd9e-6a1d53863f0a",
      "createdAt": "2021-01-25 17:42:14",
      "content": "Leic*hire Un*ed Ki*om LE67 8PB NULL NULL 55.0\nRoz
<kaduu:h>Test</kaduu:h> Re*rdr Roz Test Re*rdr Le*nn leeann.*@cnciom",
      "fileName": "Clients of Cayman National Bank 20Nov2019.xlsx",
      "fileExtension": "xlsx",
      "leakId": "b0e91918-7c47-3c56-ac42-0df76a02b52b",
      "leakName": "cayman",
      "leakSize": 1424883,
      "leakTags": "account",
      "leakPublishDate": "2021-01-20",
      "leakDiscoverDate": "2021-01-20"
    }
  ],
  "number": 0,
  "size": 2,
  "totalElements": 3032,
  "sort": [{
    "direction": "DESC",
    "property": "createdAt",
  }],
  "last": false,
  "totalPages": 304,
  "first": true,
  "numberOfElements": 10
}

```

The response has all matched documents contained in `content` list.

Every matched document may have multiple matches, which are reflected in a nested list named **fragments**. In case if there are no results found, an empty list is returned.

5.4. Search Mails

This search query returns mail matches for your query.

Please note that you need to replace the search query in example request.

Request:

```
curl -X GET \  
  https://app.leak.center/svc-saas/mail/search?query=<query>&page=0&size=100 \  
  -H 'authorization: Bearer <your token>' \  
  -H 'content-type: application/json'
```

Response:

```
{  
  "content": [  
    {  
      "id": "99584259-5bd5-4694-9798-2e1a0ab0489d",  
      "email": "bill@microsoft.com",  
      "source": "http://microsoft.com",  
      "createdAt": "2019-10-22 01:54:57"  
    }  
  ],  
  "number": 0,  
  "size": 1,  
  "totalElements": 1,  
  "sort": [{  
    "direction": "DESC",  
    "property": "createdAt",  
  }],  
  "last": true,  
  "totalPages": 1,  
  "first": true,  
  "numberOfElements": 10  
}
```

The result contains mail matches listed in a **content** object.

5.5. Search External Resources

The process of searching external resources is a bit more complex than searching leaks, emails or

domains. In order to search external resources, you have to perform 3 sequential steps:

- Create a search request and get a search request ID from the server
- Using the search request ID obtained on the previous step, check request status, until the status is **finished**
- Using the search request ID, get results

5.5.1. Create Request

This search query returns a search object with unique search request ID.

Please note, that you need to replace the search query and IDs in example request.

Request:

```
curl -X POST \  
  https://app.leak.center/svc-saas/external/search \  
  -H 'authorization: Bearer <your token>' \  
  -H 'content-type: application/json' \  
  -d '{"query": "<search query>"}
```

Response:

```
{  
  "id": "1a1c1417-1d12-4b68-8ce3-faa0d730036c",  
  "query": "<search query>",  
  "status": "new",  
  "resultCount": 0  
}
```

The result contains an internal ID of the query that you posted, its status and a number of results already collected.

5.5.2. Check Request Status

The search may take up to a few minutes, as Kaduu requests external services. You need to periodically check the status of the query, until it shows that its status is **finished**. Make sure you use the ID of the search you received in a previous response.

The recommended delay between requests is at least 10 seconds.

Request:


```
curl -X GET \  
  https://app.leak.center/svc-saas/external/search/<search-id> \  
  -H 'authorization: Bearer <your token>' \  
  -H 'content-type: application/json'
```

Response:

```
{  
  "id": "1a1c1417-1d12-4b68-8ce3-faa0d730036c",  
  "query": "<search query>",  
  "status": "finished",  
  "resultCount": 2  
}
```

5.5.3. Retrieve Results

After the search request status changes to **finished** and **resultCount** is greater than zero, you need to retrieve the results.

You may use **page** and **size** query parameters to specify the page number and size when retrieving results. Choose the values that are convenient for you, the default page is **0** and the default size is **20**.

Request:

```
curl -X GET \  
  'https://app.leak.center/svc-saas/external/search/<search-id>/results?page=0&size=10' \  
  -H 'authorization: Bearer <your token>' \  
  -H 'content-type: application/json'
```

Response:

```

{
  "content": [
    {
      "id": "1a1c1417-1d12-4b68-8ce3-faa0d730036c",
      "engine": "onionland",
      "url": "http://wikilw7ayqhl6zr.onion/index.php",
      "description": "Some page description",
      "createdAt": "2019-05-13 09:45:18"
    },
    {
      "id": "1a1c1417-1d12-4b68-8ce3-faa0d730036c",
      "engine": "torch",
      "url": "http://wikilw7ayqhl6zr.onion",
      "description": "No information is available for this page.",
      "createdAt": "2019-05-13 09:45:23"
    }
  ],
  "number": 0,
  "size": 1,
  "totalElements": 1,
  "sort": [{
    "direction": "DESC",
    "property": "createdAt",
  }],
  "last": true,
  "totalPages": 1,
  "first": true,
  "numberOfElements": 10
}

```

The result contains search results listed in a `content` object.

5.6. Search Social Networks

The process of searching social networks is similar to searching external resources. In order to perform the search, you have to perform 3 sequential steps:

- Create a search request and get a search request ID from the server
- Using the search request ID obtained on the previous step, check request status, until the status is `FINISHED`
- Using the search request ID, get results

5.6.1. Create Request

This search query returns a search object with unique search request ID.

Please note, that you need to replace the search query and IDs in example request.

Request:

```
curl -X POST \  
  https://app.leak.center/svc-saas/social/search \  
  -H 'authorization: Bearer <your token>' \  
  -H 'content-type: application/json' \  
  -d '{"query": "<search query>"}'
```

Response:

```
{  
  "id": "1a1c1417-1d12-4b68-8ce3-faa0d730036c",  
  "createdAt": "2019-10-22 01:02:03",  
  "query": "<search query>",  
  "status": "NEW",  
  "resultCount": 0  
}
```

The result contains an internal ID of the query that you posted, its status and a number of results already collected.

5.6.2. Check Request Status

The search may take up to a few minutes. You need to periodically check the status of the query, until it shows that its status is **FINISHED**. Make sure you use the ID of the search you received in a previous response.

The recommended delay between requests is at least 10 seconds.

Request:

```
curl -X GET \  
  https://app.leak.center/svc-saas/social/search/<search-id> \  
  -H 'authorization: Bearer <your token>' \  
  -H 'content-type: application/json'
```

Response:

```
{
  "id": "1a1c1417-1d12-4b68-8ce3-faa0d730036c",
  "createdAt": "2019-10-22 01:02:03",
  "query": "<search query>",
  "status": "FINISHED",
  "resultCount": 1
}
```

5.6.3. Retrieve Results

After the search request status changes to **FINISHED** and **resultCount** is greater than zero, you need to retrieve the results.

You may use **page** and **size** query parameters to specify the page number and size when retrieving results. Choose the values that are convenient for you, the default page is **0** and the default size is **20**.

Request:

```
curl -X GET \
  'https://app.leak.center/svc-saas/social/search/<search-id>/results?page=0&size=10' \
  -H 'authorization: Bearer <your token>' \
  -H 'content-type: application/json'
```

Response:

```

{
  "content": [
    {
      "createdAt": "2019-10-22 23:23:38",
      "id": "https://twitter.com/jhpot/status/1186785213264777218",
      "language": "en",
      "likes": 1,
      "link": "https://twitter.com/jhpot/status/1186785213264777218",
      "post": "Everything about this article is great. https://t.co/gmS2VbzGbT",
      "reposts": 1,
      "type": "TWITTER",
      "userAlias": "jhpot",
      "userFriends": 2662,
      "userImageLink":
"https://pbs.twimg.com/profile_images/975796910186377216/3mJToxnr_normal.jpg",
      "userLocation": "Hillsboro, OR",
      "userName": "Justin Pot",
      "userProfileLink": "https://twitter.com/jhpot"
    }
  ],
  "number": 0,
  "size": 1,
  "totalElements": 1,
  "sort": [{
    "direction": "DESC",
    "property": "createdAt",
  }],
  "last": true,
  "totalPages": 1,
  "first": true,
  "numberOfElements": 10
}

```

The result contains search results listed in a `content` object.