

# VLOP API specification

In order to comply with the DSA European Act. As a VLOP we need to save all the ads seen by our users. For that we will need a screenshot of all the iframes we serve. That should be given by an API that we will call each day to have the informations.

## OpenAPI specification

```
1  openapi: 3.0.3
2  info:
3    title: Swagger Ads Asset - OpenAPI 3.0
4    description: |-
5      To be compliant with the VLOP DSU ACT, this api, should aggregate and send the assets used by all ads shown
6    license:
7      name: Apache 2.0
8      url: http://www.apache.org/licenses/LICENSE-2.0.html
9    version: 1.0.11
10 externalDocs:
11   description: Find out more about Swagger
12   url: http://swagger.io
13 servers:
14   - url: https://{your_server}/api/
15 tags:
16   - name: assets
17     description: Display the ads shown during the day
18     externalDocs:
19       description: Find out more
20       url: http://swagger.io
21 paths:
22   /ads/assets:
23     get:
24       tags:
25         - assets
26       summary: Finds the ads shown during the day
27       description: Finds the ads shown during the day
28       operationId: getassets
29       parameters:
30         - name: start_timestamp
31           in: query
32           example: '1708718742'
33           description: The start date where the ads should have be shown
34           required: true
35           schema:
36             type: string
37         - name: end_timestamp
38           in: query
39           example: '1708729742'
40           description: The end date where the ads should have be shown
41           required: true
42           schema:
43             type: string
44       responses:
45         '200':
46           description: successful operation
47           content:
48             application/json:
```

```
49     schema:
50       type: array
51       items:
52         $ref: '#/components/schemas/Asset'
53     '400':
54       description: Invalid status value
55 components:
56   schemas:
57     Asset:
58       required:
59         - assets
60         - impression_per_countries
61         - zone_id
62         - campaign_id
63       type: object
64       properties:
65         campaign_id:
66           type: integer
67           example: 1000123
68         ad_id:
69           type: integer
70           example: 1001234
71         zone_id:
72           type: integer
73           example: 69
74         assets:
75           type: object
76           properties:
77             iframe_screenshot:
78               type: string
79               example: "http://host.com/myifrm.png"
80             iframe_original_url:
81               type: string
82               example: "http://host.com/theiframe.html"
83             iframe_video_url:
84               type: string
85               example: "http://host.com/myvideo.mp4"
86         impression_per_countries:
87           type: object
88         additionalProperties:
89           type: integer
90         example: {'FR': 1200, 'DE': 320 }
```

**GET** `/ads/assets` Finds the ads shown during the day ^

Finds the ads shown during the day

**Parameters** Try it out

Name	Description
<b>start_timestamp</b> * required string <i>(query)</i>	The start date where the ads should have be shown <i>Example : 1708718742</i> <input type="text" value="1708718742"/>
<b>end_timestamp</b> * required string <i>(query)</i>	The end date where the ads should have be shown <i>Example : 1708729742</i> <input type="text" value="1708729742"/>

**Responses**

Code	Description	Links
200	successful operation  Media type <div style="border: 1px solid green; padding: 2px; display: inline-block;">application/json</div> <small>Controls Accept header.</small>  Example Value   Schema	No links
400	Invalid status value	No links

```

[
  {
    "campaign_id": 1000123,
    "ad_id": 1001234,
    "zone_id": 69,
    "assets": {
      "iframe_screenshot": "http://host.com/myifrm.png",
      "iframe_original_url": "http://host.com/theiframe.html",
      "iframe_video_url": "http://host.com/myvideo.mp4"
    },
    "impression_per_countries": {
      "FR": 1200,
      "DE": 320
    }
  }
]
```

```

Asset v {
  campaign_id*      v integer
                    example: 1000123
  ad_id             v integer
                    example: 1001234
  zone_id*         v integer
                    example: 69
  assets*          v {
                    iframe_screenshot v string
                                       example: http://host.com/myifrm.png
                    iframe_original_url v string
                                       example: http://host.com/theiframe.html
                    iframe_video_url   v string
                                       example: http://host.com/myvideo.mp4
                  }
  impression_per_countries* v {
                    < * >:           > [...]
                  }
                    example: OrderedMap { "FR": 1200, "DE": 320 }
}

```

### Example of POST :

```

1 curl -X 'GET' \
2   'https://{your_server}/api/ads/assets?start_timestamp=1708718742&end_timestamp=1708729743' \
3   -H 'accept: application/json'

```

### Response :

```

1 [
2   {
3     "campaign_id": 1000123,
4     "ad_id": 1001234,
5     "zone_id": 69,
6     "assets": {
7       "iframe_screenshot": "http://host.com/myifrm.png",
8       "iframe_original_url": "http://host.com/theiframe.html",
9       "iframe_video_url": "http://host.com/myvideo.mp4"
10    },
11    "impression_per_countries": {
12      "FR": 1200,
13      "DE": 320
14    }
15  }, { ... }
16 ]

```