

GTSALIVE

Discount Database API Integration Manual

ALIVE Platform

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Introduction

Discount Manager is a national-level information system that keeps track of all partners providing discounts to ISIC, ITIC, IYTC & ALIVE cardholders. This document describes REST API available to retrieve data about discount providers.

General Information

- URIs and parameters
 - URIs are relative to API base (in test environment `https://dm.test.aliveplatform.com/api`).
 - Multivalue query parameters can be both PHP specific or plain RFC (i.e. `facets[]` or `facets`).
- Content type
 - If not specified otherwise, all requests and responses are `application/json`.
- Authentication
 - All requests should use HTTP Basic access authentication.
- Handling responses
 - Integrators are required to ignore any unknown attributes in the response to support forward compatibility.
 - The order of attributes in JSON responses is not significant and can change over time. Integrators should not rely on the order of attributes in JSON responses.

Validation Errors

Failed validation is reported as 400 Bad Request response:

```
{
  "message": "General message.",
  "errors": [
    {
      "path": "parameterPath",
      "code": "errorCode",
      "params": { },
      "message": "translated message"
    }
  ]
}
```

Validation errors are being reported by various subsystems where some of these already translate their messages (while omitting the error code), some of them report only the error code and error parameters. This is why these messages should be used only for debugging purposes and are not meant to be displayed to end users.

Resources

GET /branches

Gets branches of discount providers.

Query Parameters

Name	Type	Required	Multi-value	Description
text	string	no	no	Text to match in searchable fields.
cardTypes	string	no	yes	For which cards branches offer discounts. Allowed values: <code>isic</code> , <code>itic</code> , <code>iytc</code> , <code>alive</code> (OR is used between values)
categoryIds	int	no	yes	For which categories branches offer discounts (OR is used between values).
boundingBox	string	no	no	Box inside which must branch be to appear in the result set. Format: <code>lat,lon:lat,lon</code> (decimal).
availableOnline	int	no	no	Have discount available online. Allowed values: <code>true</code> , <code>false</code> .
facets	string	no	yes	Adds facets into result set. Allowed values: <code>cardTypes</code> , <code>categories</code> .
sortKey	string	no	no	Result sort key.
sortOrder	string	no	no	Result sort order.
location	string	no	no	Location, used with <code>distance</code> sortKey. Format: <code>lat,lon</code> (decimal).
visible	boolean	no	no	Whether to only include locations of "visible" providers.
offset	string	no	no	Result paging offset (zero based index of the first item).
limit	string	yes	no	Result page size (how many items to return).

Sort Keys

Name	Type	Description
createdOn	asc desc	-
distance	<i>ignored</i>	location query parameter needs to be set

Response

```
{
  "count": 18,
  "items": [
    { "$ref": "#/Branch" }
  ],
  "facets": {
    "cardTypes": {
      "isic": 13,
      "iytc": 10,
      "itic": 8
    },
    "categories": {
      "8": 1,
      "11": 1,
      "13": 3
    }
  }
}
```

GET /branches/{id}

Gets branch with id \$id.

Query Parameters

NONE

Response

```
{ "$ref": "#/Branch" }
```

GET /categories

List all categories.

Query Parameters

NONE

Response

```
{
  "items": [
    { "$ref": "#/Category" }
  ]
}
```

GET /categories/{id}

Gets category with id \$id.

Query Parameters

NONE

Response

```
{ "$ref": "#/Category" }
```

GET /providers

Gets discount providers.

Query Parameters

Name	Type	Required	Multi-value	Description
text	string	no	no	Text to match in searchable fields.
cardTypes	string	no	yes	For which cards provider offers discounts.
categoryIds	int	no	yes	For which categories provider offers discounts (OR is used between values).
availableOnline	int	no	no	Have discount available online. Allowed values: <code>true</code> , <code>false</code> .
facets	string	no	yes	Adds facets into result set. Possible values: <code>cardTypes</code> , <code>categories</code>
sortBy	string	no	no	Result sort key.
sortOrder	string	no	no	Result sort order.
location	string	no	no	Location, used with <code>distance</code> sort key; format: <code>lat,lon</code> (decimal).
seed	int	no	no	Seed used for consistent random sorting (positive integer expected).
locale	string	no	no	Language code for sorting when <code>name</code> is set as <code>sortBy</code> . Using default tenant language by default.
visible	boolean	no	no	Whether to get only "visible" providers.
newest	boolean	no	no	Whether to get only providers for list of new discounts.
offset	string	no	no	Result paging offset (zero based index of the first item).
limit	string	yes	no	Result page size (how many items to return).

Sort Keys

Name	Type	Description
createdOn	asc desc	-
modifiedOn	asc desc	-
name	asc desc	-
distance	asc desc	<code>location</code> needs to be set to sort by <code>distance</code>
views	asc desc	-

Response

```
{
  "count": 3,
  "items": [
    { "$ref": "#/Provider" }
  ]
}
```

GET /providers/{id}

Gets discount provider with id \$id.

Query Parameters

NONE

Response

```
{ "$ref": "#/Provider" }
```


GET /providers/{id}/ratings

Gets ratings of discount provider with id \$id.

Query Parameters

Name	Type	Required	Multi-value	Description
customerid	int	no	no	Restrict search to a specified customer.

Response

```
{
  "items": [
    { "$ref": "#/Rating" }
  ]
}
```

GET /providers/{id}/comments

Gets comments of discount provider with id \$id.

Query Parameters

Name	Type	Required	Multi-value	Description
offset	string	no	no	Result paging offset (zero based index of the first item).
limit	string	yes	no	Result page size (how many items to return).

Response

```
{
  "count": 3,
  "items": [
    { "$ref": "#/Comment" }
  ]
}
```

GET /suggestions

Gets suggestions for search term.

Query Parameters

Name	Type	Required	Multi-value	Description
text	string	yes	no	Text to get suggestions for.

Response

```
{
  "suggestions": [
    {
      "text": "Testovac\u00edd provider"
    }
  ]
}
```

POST /providers/{id}/views

Records provider view by customer.

Query Parameters

NONE

Response

```
{
  "ip": "93.184.216.119",
  "userAgent": "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Ubuntu Chromium/33.0.1750.152 Chrome/33.0.1750.152 Safari/537.36"
}
```

Attributes

Name	Type	Required	Multi-value	Description
ip	string	yes	no	IP address of user who viewed providers.
userAgent	string	yes	no	User agent of user who viewed providers.

Schema

Address type

```
{
  "id": 224,
  "postalCode": "14900",
  "address1": "Adresa adresov\u00e1 123",
  "address2": "Druh\u00fd \u0159\u00e1dek 456",
  "city": "Praha"
}
```

Branch type

```
{
  "id": 68,
  "contactPhone": "123456789",
  "contactEmail": "info@podnik.cz",
  "location": {
    "lon": -101.22754946033,
    "lat": 73.231750890978
  },
  "address": { "$ref": "#/Address" },
  "discounts": [
    { "$ref": "#/Discount" }
  ],
  "name": "Nazev pobočky A",
  "active": true,
  "provider": { "$ref": "#/Provider" },
  "branchLocations": [
    {
      "id": 89,
      "languageCode": "en",
      "name": "Branch name A"
    }
  ]
}
```

Discount type

```
{
  "createdOn": "2014-08-22T13:28:25+0200",
  "id": 95,
  "name": "Dostane\u0161 ku\u0159e zdarma",
  "description": "Prost\u011b sem p\u0159ijde\u0161, d\u00e1 si ku\u0159e,
  a je\u0161t\u011b si zats\u00e1! Tak sem koukej nakusat a ne\u010dum
  do toho intern\u00e9tu!",
  "descriptionHtml": "Ku\u0159e <strong>ve strouhance</strong> s volejem.",
  "validSince": "2014-08-22T13:28:25+0200",
  "validUntil": "2014-11-01T17:00:00+0200",
  "savings": "9001",
  "availableOnline": true,
  "type": "SPECIAL",
  "url": "https://www.youtube.com/watch?v=E60Pws_NT1U",
  "publicTransport": true,
  "categories": [
    { "$ref": "#/Category" }
  ],
  "cardTypes": [
    "ISIC",
    "ITIC",
    "IYTC"
  ],
  "restrictions": { "$ref": "#/Restrictions" },
  "active": true,
  "discountL10ns": [
    {
      "id": 116,
      "languageCode": "en",
      "name": "YOU GET FRI CHIKIN!!!",
      "description": "COM HIR!",
      "url": "https://www.youtube.com/watch?v=E60Pws_NT1U"
    }
  ],
  "provider": [
    { "$ref": "#/Provider" }
  ],
  "branches": [
    { "$ref": "#/Branch" }
  ]
}
```

Discount types

Type	Description
PERCENTAGE	Percentage discount.
ABSOLUTE	Absolute discount.
FREE_1PLUS1	1 + 1 product for free.
FREE_2PLUS1	2 + 1 product for free.
FREE_3PLUS1	3 + 1 product for free.
FREE_4PLUS1	4 + 1 product for free.
FREE_SHIPPING	Free shipping.
FREE_GIFT	Free gift.
SPECIAL	Special type of the discount.

Category type

```
{  
  "createdOn": "2014-05-05T14:20:54+0200",  
  "id": 37,  
  "childCategories": [  
    { "$ref": "#/Category" }  
  ],  
  "name": "Rychl\u00e9 ob\u010derstven\u00ed",  
  "categoryL10ns": [  
    {  
      "languageCode": "sk",  
      "name": "sk:Rychl\u00e9 ob\u010derstven\u00ed"  
    }  
  ],  
  "priority": 4  
}
```

Photo type

```
{
  "createdOn": "2014-08-27T17:28:44+0200",
  "userAgent": "Mozilla/5.0 (Windows NT 6.1; WOW64; Trident/7.0; rv:11.0) like
  Gecko",
  "ip": "10.11.11.102",
  "id": 196,
  "name": "aaa",
  "description": "aa",
  "consumer": {
    "createdOn": "2014-08-20T13:38:07+0200",
    "id": 18,
    "username": "aaa aaa",
    "externalId": "ncdb:172"
  },
  "photoUrl":
  "https://dm.test.aliveplatform.com/public/cz/provider/176/photo_196.png"
}
```

Provider type

```
{
  "createdOn": "2014-08-22T13:25:19+0200",
  "id": 176,
  "imageFilename": "cz/provider/176/image.jpg",
  "name": "K\u00e1f\u00e9 C\u00e9 \u010c\u00edk\u00e1n",
  "subtitle": "Na\u0161e KFC",
  "contractValidSince": "2014-08-01T00:00:00+0200",
  "websiteUrl": "https://www.kfc.cz",
  "keywords": [
    "Elektronick\u00e9 sou\u010d\u00e1stky",
    "Elektronika pro dom\u00e1cnost",
    "M\u00e1 z toho testov\u00e1n\u00e9 docela hlad"
  ],
  "contactEmail": "robert.rojo@orchitech.cz",
  "contactPhone": "123456789",
  "priority": 5,
  "order": 4,
  "promotionCategory": { "$ref": "#/Category" },
  "active": true,
  "shortDescription": "Ku\u0159e ve strouhance s volejem.",
  "description": "Ku\u0159e ve strouhance s volejem.",
  "descriptionHtml": "Ku\u0159e <strong>ve strouhance</strong> s volejem."
}
```

```

"providerL10ns": [
  {
    "id": 171,
    "languageCode": "en",
    "name": "K\u00e1 eF C\u00e9 \u010cicn",
    "subtitle": "Our KFC",
    "name": "https://www.kfc.uk",
    "order": 4,
    "keywords": [
      "greeeease"
    ],
    "shortDescription": "Ku\u0159e ve strouhance s volejem. el problema?",
    "description": "englik\u00e9nos?",
    "descriptionHtml": "Ku\u0159e <strong>ve strouhance</strong> s volejem.",
    "benefit1": "Benefit 1",
    "benefit2": "Benefit 2",
    "benefit3": "Benefit 3",
    "benefit4": "Benefit 4"
  }
],
"discounts": [
  { "$ref": "#/Discount" }
],
"branches": [
  { "$ref": "#/Branch" }
],
"photos": [
  { "$ref": "#/Photo" }
],
"videos": [
  { "$ref": "#/Video" }
],
"topPartner": true,
"benefit1": "Benefit 1",
"benefit2": "Benefit 2",
"benefit3": "Benefit 3",
"benefit4": "Benefit 4",
"providerStats": {
  "viewCount": 39,
  "commentCount": 3,
  "ratingCount": 4,
  "photoCount": 5,
  "issueCount": 8,
  "averageRating": 2
},
"metaDescription": "Nulla tempus sed ex quis accumsan.",
"contactAddress":
  { "$ref": "#/Address" },
"slug": "shoe-laces",

```

```
    "contractValidUntil": "2027-08-01T00:00:00+0200",
    "seoTitle": "Nulla tempus sed",
    "logoUrl":
"https://dm.test.aliveplatform.com/public/cz/provider/176/logo.jpeg",
    "imageUrl":
"https://dm.test.aliveplatform.com/public/cz/provider/176/image.jpg"
}
```

Restrictions type

```
{
  "issuers": [
    12
  ],
  "usageLimitType": "DAY",
  "other": "gjfd",
  "id": 82,
  "minAmount": "45.00",
  "days": [
    "MONDAY",
    "TUESDAY",
    "WEDNESDAY",
    "THURSDAY",
    "FRIDAY",
    "SATURDAY",
    "SUNDAY"
  ],
  "notForDiscountedItems": true,
  "usageLimit": 5,
  "usageInterval": 2,
  "onlyForStudents": true,
  "minValidity": 10,
  "minAge": 18,
  "maxAge": 25,
  "timeFrom": "12:00",
  "timeTo": "15:00"
}
```


Video type

```
{
  "createdOn": "2017-06-13T14:36:32+0200",
  "userAgent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36
(KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36",
  "ip": "10.11.11.129",
  "id": 37,
  "name": "Karma - Ako odes",
  "videoUrl": "https://www.youtube.com/watch?v=pTGqtzOe7pI",
  "type": "VIDEO_YOUTUBE",
  "imageUrl":
"https://dm.test.aliveplatform.com/public/cz/provider/644/video_image_37.jpg"
}
```

Video types

Type
VIDEO_YOUTUBE
VIDEO_VIMEO

Test Environment

Web service should be tested in the test environment before going public.

Test URL: <https://dm.test.aliveplatform.com/api/>

Username: *ask your ISIC account manager*

Password: *ask your ISIC account manager*

Access to the production environment will be provided by your ISIC account manager after the successful implementation against the test environment.

Contact

For all support queries, please contact the GTS ALIVE's IT department.

E-mail: support@aliveplatform.com