

1 TLD API: Search an extension

This is a series of articles dedicated to demonstrating how to get acquainted with Openprovider Domains API methods. To get more information about our API in general, please use our [documentation portal](#) as your reference.

Before registering a domain name you need to get familiar with TLD parameters and find one that suits your requirements. The current method returns a [list](#) of extensions (TLDs) matching your search criteria. To retrieve a single or several specific extensions - use the following endpoint: **GET [{base_url}](#)/tlds/{name}**

↓ Use endpoint path below. Base URL is determined by both the target environment and API version.

GET [{base_url}](#)/tlds

REQUEST VALUES			
Name	Type	Values	Description
limit	numeric	Default: 0, Max: 1000	The maximum number of records to be returned.
offset	numeric	Default: 0	Indicates the starting position of the response list. Indexing starts at 0, meaning that in order to start with the 10th domain, this value should be 9.
order	string	Output sorting method (ASC or DESC)	

order_by	string	Indicates an attribute that used for ordering output records.	
extensions	array of strings	Refer to the list of TLDs.	Extensions you are interested in.
name_pattern	string	Extension name pattern.	
only_names	boolean	true or false	Returns extension names only in the response
with_description	boolean	true or false	Return extensions with descriptions.
with_restrictions	boolean	true or false	Returns extensions with restrictions.
with_usage_count	boolean	true or false	Returns number of domains in your portfolio using specified extension.
with_application_mode	boolean	true or false	Returns list of supported pre-registration modes.
with_price	boolean	true or false	Returns prices if enabled.
with_level_prices	boolean	true or false	Returns extension prices for each Openprovider discount tier.
is_active	boolean	true or false	Indicates if the extension is active.
is_new_gtld	boolean	true or false	Indicates if the extension is a new GLTDs.
status	string	Eg: ACT for active	Extension status.

REQUEST EXAMPLE

```
curl -X GET \
'https://api.openprovider.eu/v1beta/tlds?status=ACT&extensions=com' \
-H 'Authorization: Bearer 1c26def9e68dd9a*****5abe264fc' \
```

RESPONSE EXAMPLE

```
{
  "code": 0,
  "desc": "",
```

```
"data": {
  "results": [
    {
      "name": "com",
      "min_period": 1,
      "max_period": 10,
      "transfer_available": true,
      "trade_available": false,
      "renew_available": true,
      "is_transfer_auth_code_required": true,
      "is_trade_auth_code_required": false,
      "is_auth_code_requested": false,
      "is_auth_code_available": true,
      "is_auth_code_changeable": true,
      "is_private_whois_allowed": true,
      "domicile_available": false,
      "soft_quarantine_period": 40,
      "quarantine_period": 0,
      "dnssec_allowed": true,
      "status": "ACT",
      "billing_handle_enabled": true,
      "reseller_handle_enabled": false,
      "supported_idn_scripts": [
        {
          "value": "AFR",
          "description": "Afrikaans"
        },
        {
          "value": "ALB",
          "description": "Albanian"
        },
        {
          "value": "ARA",
          "description": "Arabic"
        },
        {
          "value": "ARG",
          "description": "Aragonese"
        },
        {
          "value": "ARM",
          "description": "Armenian"
        },
        {
          "value": "ASM",
          "description": "Assamese"
        },
        {
          "value": "AST",
          "description": "Asturian"
        },
      ],
    }
  ]
}
```

```
{
  "value": "AVE",
  "description": "Avestan"
},
{
  "value": "AWA",
  "description": "Awadhi"
},
{
  "value": "AZE",
  "description": "Azerbaijani"
},
{
  "value": "BAN",
  "description": "Balinese"
},
{
  "value": "BAL",
  "description": "Baluchi"
},
{
  "value": "BAS",
  "description": "Basa"
},
{
  "value": "BAK",
  "description": "Bashkir"
},
{
  "value": "BAQ",
  "description": "Basque"
},
{
  "value": "BEL",
  "description": "Belarusian"
},
{
  "value": "BEN",
  "description": "Bengali"
},
{
  "value": "BHO",
  "description": "Bhojpuri"
},
{
  "value": "BOS",
  "description": "Bosnian"
},
{
  "value": "BUL",
  "description": "Bulgarian"
```

```
},
{
  "value": "BUR",
  "description": "Burmese"
},
{
  "value": "CAR",
  "description": "Carib"
},
{
  "value": "CAT",
  "description": "Catalan"
},
{
  "value": "CHE",
  "description": "Chechen"
},
{
  "value": "CHI",
  "description": "Chinese"
},
{
  "value": "CHV",
  "description": "Chuvash"
},
{
  "value": "COP",
  "description": "Coptic"
},
{
  "value": "COS",
  "description": "Corsican"
},
{
  "value": "SCR",
  "description": "Croatian"
},
{
  "value": "CZE",
  "description": "Czech"
},
{
  "value": "DAN",
  "description": "Danish"
},
{
  "value": "DIV",
  "description": "Divehi"
},
{
  "value": "DOI",
```

```
"description": "Dogri"
},
{
  "value": "DUT",
  "description": "Dutch"
},
{
  "value": "ENG",
  "description": "English"
},
{
  "value": "EST",
  "description": "Estonian"
},
{
  "value": "FAO",
  "description": "Faroese"
},
{
  "value": "FIJ",
  "description": "Fijian"
},
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  "description": "Finnish"
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},
{
  "value": "FRY",
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},
{
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  "description": "Gaelic"
},
{
  "value": "GEO",
  "description": "Georgian"
},
{
  "value": "GER",
  "description": "German"
},
{
  "value": "GON",
  "description": "Gondi"
},
{
```

```
"value": "GRE",
"description": "Greek"
},
{
"value": "GUJ",
"description": "Gujarati"
},
{
"value": "HEB",
"description": "Hebrew"
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"description": "Hindi"
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"description": "Indonesian"
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},
{
"value": "GLE",
"description": "Irish"
},
{
"value": "ITA",
"description": "Italian"
},
{
"value": "JPN",
"description": "Japanese"
},
{
"value": "JAV",
"description": "Javanese"
},
}
```

```
{
  "value": "KAS",
  "description": "Kashmiri"
},
{
  "value": "KAZ",
  "description": "Kazakh"
},
{
  "value": "KHM",
  "description": "Khmer"
},
{
  "value": "KIR",
  "description": "Kirghiz"
},
{
  "value": "KOR",
  "description": "Korean"
},
{
  "value": "KUR",
  "description": "Kurdish"
},
{
  "value": "LAO",
  "description": "Lao"
},
{
  "value": "LAV",
  "description": "Latvian"
},
{
  "value": "LIT",
  "description": "Lithuanian"
},
{
  "value": "LTZ",
  "description": "Luxembourgisch"
},
{
  "value": "MAC",
  "description": "Macedonian"
},
{
  "value": "MAL",
  "description": "Malayalam"
},
{
  "value": "MAY",
  "description": "Malay"
}
```

```
},
{
  "value": "MLT",
  "description": "Maltese"
},
{
  "value": "MAO",
  "description": "Maori"
},
{
  "value": "MOL",
  "description": "Moldavian"
},
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  "value": "MON",
  "description": "Mongolian"
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  "description": "Nepali"
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{
  "value": "NOR",
  "description": "Norwegian"
},
{
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  "description": "Oriya"
},
{
  "value": "OSS",
  "description": "Ossetian"
},
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  "value": "PAN",
  "description": "Panjabi"
},
{
  "value": "PER",
  "description": "Persian"
},
{
  "value": "POL",
  "description": "Polish"
},
{
  "value": "POR",
  "description": "Portugese"
},
{
  "value": "PUS",
```

```
"description": "Pushto"
},
{
  "value": "RAJ",
  "description": "Rajasthani"
},
{
  "value": "RUM",
  "description": "Romanian"
},
{
  "value": "RUS",
  "description": "Russian"
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{
  "value": "SMO",
  "description": "Samoan"
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  "description": "Sanskrit"
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{
  "value": "SRD",
  "description": "Sardinian"
},
{
  "value": "SCC",
  "description": "Serbian"
},
{
  "value": "SND",
  "description": "Sindhi"
},
{
  "value": "SIN",
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},
{
  "value": "SLO",
  "description": "Slovak"
},
{
  "value": "SLV",
  "description": "Slovenian"
},
{
  "value": "SOM",
  "description": "Somali"
},
{
```

```
"value": "SPA",
"description": "Spanish"
},
{
"value": "SWA",
"description": "Swahili"
},
{
"value": "SWE",
"description": "Swedish"
},
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},
{
"value": "TGK",
"description": "Tajik"
},
{
"value": "TAM",
"description": "Tamil"
},
{
"value": "TEL",
"description": "Telugu"
},
{
"value": "THA",
"description": "Thai"
},
{
"value": "TIB",
"description": "Tibetan"
},
{
"value": "TUR",
"description": "Turkish"
},
{
"value": "UKR",
"description": "Ukrainian"
},
{
"value": "URD",
"description": "Urdu"
},
{
"value": "UZB",
"description": "Uzbek"
},
```

```

{
  "value": "VIE",
  "description": "Vietnamese"
},
{
  "value": "WEL",
  "description": "Welsh"
},
{
  "value": "YID",
  "description": "Yiddish"
}
],
"owner_handle_supported": true,
"admin_handle_supported": true,
"tech_handle_supported": true,
"billing_handle_supported": true,
"reseller_handle_supported": false,
"dnssec_keys_allowed": true,
"dnssec_digests_allowed": true,
"dnssec_max_records_amount": 0,
"dnssec_algorithms": [
  8,
  10,
  12,
  13,
  14,
  15,
  16
]
},
],
"total": 1
}
}

```

RESPONSE VALUES

Name	Values	Description
code	result code number	API Result with code returned. 0 = Success with no errors.
1. data	set of values	Returns an array of elements related to an extension
1.1 results	An array of elements.	

admin_handle_supported	boolean	Indicates if the administrator handle exists for an extension.
billing_handle_enabled	boolean	Indicates if the billing handle exists for an extension.
billing_handle_supported	boolean	Indicates if the billing handle is supported for an extension.
1.1.1 description	Set of values (text strings).	Returns the description.
1.1.1.1 text	string	Returns text description.
1.1.1.2 url	string	Link to registry providing extension.
dnssec_algorithms	integer	Returns one or multiple records of methods available to be used with an extension.
dnssec_allowed	boolean	Indicates if DNSSEC can be enabled for an extension.
dnssec_digests_allowed	boolean	Indicates if DNSSEC support digest type.
dnssec_keys_allowed	boolean	Indicates if DNSSEC keys can be used for an extension.
dnssec_max_records_amount	integer	The maximum amount of DNSSEC records allowed.
domicile_available	boolean	Indicates if extension support domicile option.
is_auth_code_available	boolean	If the authorization code is available immediately on demand.
is_auth_code_changeable	boolean	Indicates if the authorization code could be changed per administrator request.
is_private_whois_allowed	boolean	Indicated whenever WPP feature is available for an extension.
is_trade_auth_code_required	boolean	Indicates if the customer requires an authorization code to complete trade procedure.
is_transfer_auth_code_required	boolean	Indicates if the transfer is done via authorization code .
1.1.2 level_prices	An array.	Returns an array of lever (Tier) price.

level	Min:1, Max: 8	Indicates reseller Level (Tier).
1.1.2.1 price	Set of values.	Returns a set of values.
1.1.2.1.1 product		
1.1.2.1.1.1 currency	string	Indicates the domain price currency if presented.
1.1.2.1.1.2 price	number (double)	Indicates the domain price if presented.
1.1.2.1.2 reseller	Set of values.	Set of values returned.
1.1.2.1.2.1 currency	string	Indicates the domain price currency if presented.
1.1.2.1.2.2 price	number (double)	Indicates the domain price if presented.
max_period	integer	Indicates max. period of registration (in years).
min_period	integer	Indicates min. period of registration (in years).
name	string	Extension name.
owner_handle_supported	boolean	Indicates if extension support owner handle.
1.1.3 prices	Set of values.	Set of values returned.
1.1.3.1 create_price		
1.1.3.1.1 product		
1.1.3.1.1.1 currency	string	Indicates the domain price currency if presented.
1.1.3.1.1.2 price	number (double)	Indicates the domain price if presented.
1.1.3.1.2 reseller	Set of values: reseller price for an extension.	Set of values returned.
1.1.3.1.2.1 currency	string	Indicates the domain price currency if presented.
1.1.3.1.2.2 price	number (double)	Indicates the domain price if presented.
1.1.3.2 domicile_price	Set of values: domicile price for the product itself and for reseller.	Set of values returned.
1.1.3.2.1 product	Set of values.	Set of values returned.
1.1.3.2.1.1 currency	string	Indicates the domain price currency if presented.

1.1.3.2.1.2 price	number (double)	Indicates the domain price if presented.
1.1.3.2.2 reseller	Set of values.	Set of values returned.
1.1.3.2.2.1 currency	string	Indicates the domain price currency if presented.
1.1.3.2.2.2 price	number (double)	Indicates the domain price if presented.
max_period	integer	Indicates max. period of registration (in years).
min_period	integer	Indicates min. period of registration (in years).
1.1.3.3 renew_price	Set of values: renewal price for the product itself and for reseller.	Set of values returned.
1.1.3.3.1 product	Set of values.	
1.1.3.3.1.1 currency	string	Indicates the domain price currency if presented.
1.1.3.3.1.2 price	number (double)	Indicates the domain price if presented.
1.1.3.3.2 reseller	Set of values.	Set of values returned.
1.1.3.3.2.1 currency	string	Indicates the domain price currency if presented.
1.1.3.3.2.2 price	number (double)	Indicates the domain price if presented.
1.1.3.4 reseller_price	Set of values: reseller price for the product itself and for reseller.	An array of price parameters applicable to the current reseller.
1.1.3.4.1 product	Set of price values.	Set of values returned.
1.1.3.4.1.1 currency	string	Indicates the domain price currency if presented.
1.1.3.4.1.2 price	number (double)	Indicates the domain price if presented.
1.1.3.4.2 reseller	Set of values.	Set of values returned.
1.1.3.4.2.1 currency	string	Indicates the domain price currency if presented.
1.1.3.4.2.2 price	number (double)	Indicates the domain price if presented.
1.1.3.5 restore_price	Set of values: restore price for the product itself and for reseller.	Set of values returned.

1.1.3.5.1 product	Set of values	Set of values returned.
1.1.3.5.1.1 currency	string	Indicates the domain price currency if presented.
1.1.3.5.1.2 price	number (double)	Indicates the domain price if presented.
1.1.3.5.2 reseller	Set of values	
1.1.3.5.2.1 currency	string	Indicates the domain price currency if presented.
1.1.3.5.2.2 price	number (double)	Indicates the domain price if presented.
1.1.3.6 setup_price	Set of values: setup price for the product itself and for reseller.	Set of values returned.
1.1.3.6.1 product	Set of values.	Set of values returned.
1.1.3.6.1.1 currency	string	Indicates the domain price currency if presented.
1.1.3.6.1.2 price	number (double)	Indicates the domain price if presented.
1.1.3.6.2 reseller	Set of values.	Set of values returned
1.1.3.6.2.1 currency	string	Indicates the domain price currency if presented.
1.1.3.6.2.2 price	number (double)	Indicates the domain price if presented.
1.1.3.7 soft_restore_price	Set of values: soft restore price for the product itself and for reseller.	Set of values returned.
1.1.3.7.1 product	Set of values.	Set of values returned.
1.1.3.7.1.1 currency	string	Indicates the domain price currency if presented.
1.1.3.7.1.2 price	number (double)	Indicates the domain price if presented.
1.1.3.7.2 reseller	Set of values.	Set of values returned.
1.1.3.7.2.1 currency	string	Indicates the domain price currency if presented.
1.1.3.7.2.2 price	number (double)	Indicates the domain price if presented.
1.1.3.8 trade_price	Set of values: trade price for the product itself and for reseller.	Set of values returned.
1.1.3.8.1 product	Set of values.	Set of values returned.

1.1.3.8.1.1 currency	string	Indicates the domain price currency if presented.
1.1.3.8.1.2 price	number (double)	Indicates the domain price if presented.
1.1.3.8.2 reseller	Set of values.	Set of values returned.
1.1.3.8.2.1 currency	string	Indicates the domain price currency if presented.
1.1.3.8.2.2 price	number (double)	Indicates the domain price if presented.
1.1.3.9 transfer_price	Set of values: transfer price for the product itself and for reseller.	Set of values returned.
1.1.3.9.1 product	Set of values.	Set of values returned.
1.1.3.9.1.1 currency	string	Indicates the domain price currency if presented.
1.1.3.9.1.2 price	number (double)	Indicates the domain price if presented.
1.1.3.9.2 reseller	Set of values.	Set of values returned.
1.1.3.9.2.1 currency	string	Indicates the domain price currency if presented.
1.1.3.9.2.2 price	number (double)	Indicates the domain price if presented.
1.1.3.10 update_price	Set of values: update price for the product itself and for reseller.	Set of values returned.
1.1.3.10.1 product	Set of values.	Set of values returned.
1.1.3.10.1.1 currency	string	Indicates the domain price currency if presented.
1.1.3.10.1.2 price	number (double)	Indicates the domain price if presented.
1.1.3.10.2 reseller	Set of values.	Set of values returned.
1.1.3.10.2.1 currency	string	Indicates the domain price currency if presented.
1.1.3.10.2.2 price	number (double)	Indicates the domain price if presented.
quarantine_period	integer	Indicates quarantine period application for an extension.
reseller_handle_enabled	boolean	Indicates if domain reseller handle enabled for an extension.

reseller_handle_supported	boolean	Indicates if domain reseller handle supported enabled for an extension.
restrictions	An array of string(s).	Returns an extension restrictions.
status	string.	Returns extension status.
1.2 supported_application_mode	An array of strings.	An array of strings returned.
1.2.1 name	string	Returns supported name application mode.
1.2.2 title	string	Returns supported the title of application mode.
<u>1.3 supported_idn_scripts</u>	An array of strings.	Returns parameters related to <u>IDN</u>.
1.3.1 description	string	Returns supported IDN description.
1.3.2 value	string	Returns values of IDN scripts.
tech_handle_supported	boolean	Indicates if technical handle supported fr an extension.
<u>trade_available</u>	boolean	Indicates if <u>trade</u> operation allowed for an extension.
<u>transfer_available</u>	boolean	Indicates if <u>transfer</u> operation allowed for an extension.
usage_count	integer	Returns a quantity of domain with requested extension from the current resellers account.
desc	string	The description.
maintenance	boolean	Indicates if Openprovider is under maintenance mode.
1.4 warnings	An array of strings.	An array of boolean and string data returned if maintenance is in progress.
1.4.1 code	integer	Code value (digits).
1.4.2 data	string	Data value returned.
1.4.3 desc	string	The description value returned.

REQUEST EXAMPLE FOR MORE THAN ONE TLDs

```
curl -X GET 'https://api.openprovider.eu/v1beta/tlds?status=ACT&extensions=com&extensions=stor
```

The above query will fetch details for both "com" and "store" extensions.

Once we've retrieved an extension(s) with its parameters and requirements then we can check an exact domain we want to register. Please move to "[2 Domains API: Check Domain](#)".

Revision #8

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