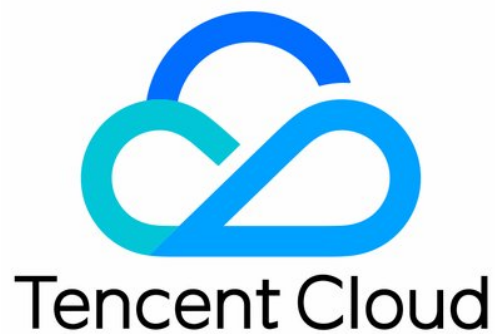


# **DNSPod**

## **API Documentation**

## **Product Documentation**



## Copyright Notice

©2013-2024 Tencent Cloud. All rights reserved.

Copyright in this document is exclusively owned by Tencent Cloud. You must not reproduce, modify, copy or distribute in any way, in whole or in part, the contents of this document without Tencent Cloud's the prior written consent.

## Trademark Notice



All trademarks associated with Tencent Cloud and its services are owned by Tencent Cloud Computing (Beijing) Company Limited and its affiliated companies. Trademarks of third parties referred to in this document are owned by their respective proprietors.

## Service Statement

This document is intended to provide users with general information about Tencent Cloud's products and services only and does not form part of Tencent Cloud's terms and conditions. Tencent Cloud's products or services are subject to change. Specific products and services and the standards applicable to them are exclusively provided for in Tencent Cloud's applicable terms and conditions.

# Contents

## API Documentation

History

Introduction

API Category

Making API Requests

Request Structure

Common Params

Signature v3

Signature

Responses

Batch Operation APIs

CreateDomainBatch

CreateRecordBatch

DeleteDomainBatch

ModifyRecordBatch

Split Zone APIs

DescribeRecordLineList

Group APIs

CreateDomainGroup

CreateRecordGroup

DeleteRecordGroup

DescribeDomainGroupList

DescribeRecordGroupList

ModifyRecordGroup

ModifyRecordToGroup

Record APIs

CreateRecord

DeleteRecord

DescribeRecord

DescribeRecordType

ModifyRecord

ModifyRecordRemark

ModifyRecordStatus

DescribeRecordList

DNS Query Volume APIs

DescribeSubdomainAnalytics

#### Alias APIs

CreateDomainAlias

DeleteDomainAlias

DescribeDomainAliasList

#### Domain APIs

CreateDomain

DeleteDomain

DeleteShareDomain

DescribeDomain

DescribeDomainLogList

DescribeDomainPurview

DescribeDomainShareInfo

ModifyDomainLock

ModifyDomainOwner

ModifyDomainRemark

ModifyDomainStatus

ModifyDomainUnlock

DescribeDomainList

#### Data Types

#### Error Codes

# API Documentation

## History

Last updated : 2023-04-27 15:39:08

### Release 5

Release time: 2023-04-27 15:36:45

Release updates:

Improvement to existing documentation.

Modified data structures:

- [CreateRecordBatchRecord](#)
  - New members:Weight

### Release 4

Release time: 2023-03-20 11:00:39

Release updates:

Improvement to existing documentation.

Modified data structures:

- [BatchRecordInfo](#)
  - New members:Weight

### Release 3

Release time: 2023-03-01 16:06:38

Release updates:

Improvement to existing documentation.

New APIs:

- [CreateDomainAlias](#)

- [CreateDomainBatch](#)
- [CreateDomainGroup](#)
- [CreateRecordBatch](#)
- [CreateRecordGroup](#)
- [DeleteDomainAlias](#)
- [DeleteDomainBatch](#)
- [DeleteRecordGroup](#)
- [DeleteShareDomain](#)
- [DescribeDomainAliasList](#)
- [DescribeDomainGroupList](#)
- [DescribeDomainList](#)
- [DescribeDomainLogList](#)
- [DescribeDomainPurview](#)
- [DescribeDomainShareInfo](#)
- [DescribeRecordGroupList](#)
- [DescribeRecordLineList](#)
- [DescribeRecordType](#)
- [DescribeSubdomainAnalytics](#)
- [ModifyDomainLock](#)
- [ModifyDomainOwner](#)
- [ModifyDomainUnlock](#)
- [ModifyRecordBatch](#)
- [ModifyRecordGroup](#)
- [ModifyRecordRemark](#)
- [ModifyRecordStatus](#)
- [ModifyRecordToGroup](#)

New data structures:

- [AddRecordBatch](#)
- [BatchRecordInfo](#)
- [CreateDomainBatchDetail](#)
- [CreateDomainBatchRecord](#)
- [CreateRecordBatchDetail](#)
- [CreateRecordBatchRecord](#)
- [DeleteDomainBatchDetail](#)
- [DomainAliasInfo](#)
- [DomainAnalyticsDetail](#)

- [DomainCountInfo](#)
- [DomainListItem](#)
- [DomainShareInfo](#)
- [GroupInfo](#)
- [LineGroupInfo](#)
- [LineInfo](#)
- [LockInfo](#)
- [ModifyRecordBatchDetail](#)
- [PurviewInfo](#)
- [RecordGroupInfo](#)
- [SubdomainAliasAnalyticsItem](#)
- [SubdomainAnalyticsInfo](#)

Modified data structures:

- [RecordListItem](#)
  - New members:DefaultNS

## Release 2

Release time: 2022-11-10 17:26:49

Release updates:

Improvement to existing documentation.

New APIs:

- [DescribeRecordList](#)

New data structures:

- [RecordCountInfo](#)
- [RecordListItem](#)

## Release 1

Release time: 2022-08-02 15:40:58

Release updates:

Improvement to existing documentation.

New APIs:

- [CreateDomain](#)
- [CreateRecord](#)
- [DeleteDomain](#)
- [DeleteRecord](#)
- [DescribeDomain](#)
- [DescribeRecord](#)
- [ModifyDomainRemark](#)
- [ModifyDomainStatus](#)
- [ModifyRecord](#)

New data structures:

- [DomainCreateInfo](#)
- [DomainInfo](#)
- [RecordInfo](#)



# Introduction

Last updated : 2022-08-02 15:42:21

Welcome to DNSPod.

DNSPod provides a fast, stable, and high-availability DNS service and supports smart DNS, traffic management, and security protection.

DNSPod is a Tencent Cloud product that focuses on domain and DNS services. With 17 years of uninterrupted services, DNSPod has served 8 million+ users, hosted 20 million+ domains, and deployed 48 nodes across the world. As a top DNS service platform in China, it is committed to offering secure, stable, and fast DNS services.

# API Category

Last updated : 2023-04-27 15:39:08

## Batch Operation APIs

| API Name                          | Feature               | Frequency Limit |
|-----------------------------------|-----------------------|-----------------|
| <a href="#">CreateDomainBatch</a> | Bulk adds domains     | 20              |
| <a href="#">CreateRecordBatch</a> | Bulk adds records     | 20              |
| <a href="#">DeleteDomainBatch</a> | Batch deletes domains | 20              |
| <a href="#">ModifyRecordBatch</a> | Bulk modifies records | 20              |

## Split Zone APIs

| API Name                               | Feature                                          | Frequency Limit |
|----------------------------------------|--------------------------------------------------|-----------------|
| <a href="#">DescribeRecordLineList</a> | Gets the split zones allowed by the domain level | 20              |

## Group APIs

| API Name                                | Feature                               | Frequency Limit |
|-----------------------------------------|---------------------------------------|-----------------|
| <a href="#">CreateDomainGroup</a>       | Creates a domain group                | 20              |
| <a href="#">CreateRecordGroup</a>       | Adds a record group                   | 20              |
| <a href="#">DeleteRecordGroup</a>       | Deletes a record group                | 20              |
| <a href="#">DescribeDomainGroupList</a> | Gets the list of domain groups        | 20              |
| <a href="#">DescribeRecordGroupList</a> | Queries the list of DNS record groups | 20              |
| <a href="#">ModifyRecordGroup</a>       | Modifies a record group               | 20              |
| <a href="#">ModifyRecordToGroup</a>     | Adds a record to a group              | 20              |

## Record APIs

| API Name                           | Feature                                          | Frequency Limit |
|------------------------------------|--------------------------------------------------|-----------------|
| <a href="#">CreateRecord</a>       | Adds a record                                    | 500             |
| <a href="#">DeleteRecord</a>       | Deletes a record                                 | 500             |
| <a href="#">ModifyRecord</a>       | Modifies a record                                | 500             |
| <a href="#">DescribeRecordList</a> | Gets DNS records of a domain                     | 100             |
| <a href="#">DescribeRecord</a>     | Gets the information of a record                 | 200             |
| <a href="#">DescribeRecordType</a> | Gets the record type allowed by the domain level | 20              |
| <a href="#">ModifyRecordRemark</a> | Sets the remarks of a record                     | 20              |
| <a href="#">ModifyRecordStatus</a> | Sets the record status                           | 20              |

## DNS Query Volume APIs

| API Name                                   | Feature                                                    | Frequency Limit |
|--------------------------------------------|------------------------------------------------------------|-----------------|
| <a href="#">DescribeSubdomainAnalytics</a> | Collects statistics on the DNS query volume of a subdomain | 20              |

## Alias APIs

| API Name                                | Feature                         | Frequency Limit |
|-----------------------------------------|---------------------------------|-----------------|
| <a href="#">CreateDomainAlias</a>       | Creates a domain alias          | 20              |
| <a href="#">DeleteDomainAlias</a>       | Deletes a domain alias          | 20              |
| <a href="#">DescribeDomainAliasList</a> | Gets the list of domain aliases | 20              |

## Domain APIs

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

| API Name                                | Feature                             | Frequency Limit |
|-----------------------------------------|-------------------------------------|-----------------|
| <a href="#">CreateDomain</a>            | Adds a domain                       | 20              |
| <a href="#">DeleteDomain</a>            | Deletes a domain                    | 20              |
| <a href="#">DeleteShareDomain</a>       | Unshares a domain                   | 20              |
| <a href="#">DescribeDomainLogList</a>   | Gets the log of a domain            | 20              |
| <a href="#">DescribeDomainPurview</a>   | Gets the permissions of a domain    | 20              |
| <a href="#">DescribeDomainShareInfo</a> | Gets the domain sharing information | 20              |
| <a href="#">ModifyDomainLock</a>        | Locks a domain                      | 20              |
| <a href="#">ModifyDomainOwner</a>       | Transfers ownership of a domain     | 20              |
| <a href="#">ModifyDomainRemark</a>      | Sets the remarks of a domain        | 20              |
| <a href="#">ModifyDomainStatus</a>      | Modifies the status of a domain     | 20              |
| <a href="#">ModifyDomainUnlock</a>      | Unlocks a domain                    | 20              |
| <a href="#">DescribeDomain</a>          | Gets the information of a domain    | 20              |
| <a href="#">DescribeDomainList</a>      | Gets the list of domains            | 20              |

# Making API Requests

## Request Structure

Last updated : 2023-03-01 16:10:26

### 1. Service Address

The API supports access from either a nearby region (at `dnspod.tencentcloudapi.com`) or a specified region (at `dnspod.ap-guangzhou.tencentcloudapi.com` for Guangzhou, for example).

We recommend using the domain name to access the nearest server. When you call an API, the request is automatically resolved to a server in the region **nearest** to the location where the API is initiated. For example, when you initiate an API request in Guangzhou, this domain name is automatically resolved to a Guangzhou server, the result is the same as that of specifying the region in the domain like "`dnspod.ap-guangzhou.tencentcloudapi.com`".

**Note: For latency-sensitive businesses, we recommend that you specify the region in the domain name.**

Tencent Cloud currently supports the following regions:

| Hosted region                                                                | Domain name                                          |
|------------------------------------------------------------------------------|------------------------------------------------------|
| Local access region (recommended, only for non-financial availability zones) | <code>dnspod.tencentcloudapi.com</code>              |
| South China (Guangzhou)                                                      | <code>dnspod.ap-guangzhou.tencentcloudapi.com</code> |
| East China (Shanghai)                                                        | <code>dnspod.ap-shanghai.tencentcloudapi.com</code>  |
| North China (Beijing)                                                        | <code>dnspod.ap-beijing.tencentcloudapi.com</code>   |
| Southwest China (Chengdu)                                                    | <code>dnspod.ap-chengdu.tencentcloudapi.com</code>   |
| Southwest China (Chongqing)                                                  | <code>dnspod.ap-chongqing.tencentcloudapi.com</code> |
| Hong Kong, Macao, Taiwan (Hong Kong, China)                                  | <code>dnspod.ap-hongkong.tencentcloudapi.com</code>  |
| Southeast Asia (Singapore)                                                   | <code>dnspod.ap-singapore.tencentcloudapi.com</code> |
|                                                                              |                                                      |

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Southeast Asia (Bangkok)         | dnspod.ap-bangkok.tencentcloudapi.com       |
| South Asia (Mumbai)              | dnspod.ap-mumbai.tencentcloudapi.com        |
| Northeast Asia (Seoul)           | dnspod.ap-seoul.tencentcloudapi.com         |
| Northeast Asia (Tokyo)           | dnspod.ap-tokyo.tencentcloudapi.com         |
| U.S. East Coast (Virginia)       | dnspod.na-ashburn.tencentcloudapi.com       |
| U.S. West Coast (Silicon Valley) | dnspod.na-siliconvalley.tencentcloudapi.com |
| North America (Toronto)          | dnspod.na-toronto.tencentcloudapi.com       |
| Europe (Frankfurt)               | dnspod.eu-frankfurt.tencentcloudapi.com     |

## 2. Communications Protocol

All the Tencent Cloud APIs communicate via HTTPS, providing highly secure communication tunnels.

## 3. Request Methods

Supported HTTP request methods:

- POST (recommended)
- GET

The Content-Type types supported by POST requests:

- application/json (recommended). The TC3-HMAC-SHA256 signature algorithm must be used.
- application/x-www-form-urlencoded. The HmacSHA1 or HmacSHA256 signature algorithm must be used.
- multipart/form-data (only supported by certain APIs). You must use TC3-HMAC-SHA256 to calculate the signature.

The size of a GET request packet is up to 32 KB. The size of a POST request is up to 1 MB when the HmacSHA1 or HmacSHA256 signature algorithm is used, and up to 10 MB when TC3-HMAC-SHA256 is used.

## 4. Character Encoding

Only UTF-8 encoding is used.

# Common Params

Last updated : 2022-08-02 15:42:22

Common parameters are used for all APIs authenticating requestors. Common parameters must be included in all API requests, and they will not be described in individual API documents.

The exact contents of the common parameters will vary depending on the version of the signature method you use.

## Common parameters for Signature Algorithm v3

When the TC3-HMAC-SHA256 algorithm is used, the common parameters should be uniformly placed in the HTTP request header, as shown below:

| Parameter Name | Type    | Required | Description                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------|---------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| X-TC-Action    | String  | Yes      | The name of the API for the desired operation. For the specific value, see description of common parameter <code>Action</code> in the input parameters in related API documentation. For example, the API for querying the CVM instance list is <code>DescribeInstances</code> .                                                                                                                                                                  |
| X-TC-Region    | String  | Yes      | Region parameter, which is used to identify the region to which the data you work with belongs. For values supported for an API, see the description of parameter <code>Region</code> in the input parameters in related API documentation. This parameter is not required for some APIs (which will be indicated in related documentation), and will not take effect even it is passed.                                                          |
| X-TC-Timestamp | Integer | Yes      | The current UNIX timestamp that records the time when the API request is sent. For example, 1529223702. Note: If the difference between the UNIX timestamp and server time is greater than 5 minutes, a signature expiration error may occur.                                                                                                                                                                                                     |
| X-TC-Version   | String  | Yes      | API version of the action. For the valid values, see the description of the common parameter <code>Version</code> in the API documentation. For example, the version is 2017-03-12.                                                                                                                                                                                                                                                               |
| Authorization  | String  | Yes      | The HTTP authentication request header, for example:<br>TC3-HMAC-SHA256 Credential=AKIDEXAMPLE/Date/service/tc3_request/Signature=fe5f80f77d5fa3beca038a248ff027d0445342fe2855ddc96317<br>Here:<br>- TC3-HMAC-SHA256: Signature method, currently fixed as this value;<br>- Credential: Signature credential; AKIDEXAMPLE is the SecretId; Date is the UNIX timestamp, and this value must match the value of X-TC-Timestamp (a coordinate time). |



|            |        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------|--------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            |        |    | <p>parameter) in UTC time format; service is the name of the product/service generally a domain name prefix. For example, a domain name cvm.tencentcloudapi.com refers to the CVM product and the value would be cvm;</p> <ul style="list-style-type: none"> <li>- SignedHeaders: The headers that contains the authentication information type and host are the required headers;</li> <li>- Signature: Signature digest.</li> </ul> |
| X-TC-Token | String | No | <p>The token used for a temporary certificate. It must be used with a temporary key. You can obtain the temporary key and token by calling a CAM API. No token is required for a long-term key.</p>                                                                                                                                                                                                                                   |

Assuming you want to query the list of Cloud Virtual Machine instances in the Guangzhou region, the request structure in the form of request URL, request header and request body may be as follows:

Example of an HTTP GET request structure:

```
https://cvm.tencentcloudapi.com/?Limit=10&Offset=0

Authorization: TC3-HMAC-SHA256 Credential=AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE/2018-10-09/cvm/tc3_request, SignedHeaders=content-type;host, Signature=5da7a33f6993f0614b047e5df4582db9e9bf4672ba50567dba16c6ccf174c474
Content-Type: application/x-www-form-urlencoded
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1539084154
X-TC-Region: ap-guangzhou
```

The following example shows you how to structure an HTTP POST (application/json) request:

```
https://cvm.tencentcloudapi.com/

Authorization: TC3-HMAC-SHA256 Credential=AKIDEXAMPLE/2018-05-30/cvm/tc3_request, SignedHeaders=content-type;host, Signature=582c400e06b5924a6f2b5d7d672d79c15b13162d9279b0855cfba6789a8edb4c
Content-Type: application/json
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1527672334
X-TC-Region: ap-guangzhou

{"Offset":0,"Limit":10}
```

Example of an HTTP POST (multipart/form-data) request structure (only supported by specific APIs):

```
https://cvm.tencentcloudapi.com/
```

```
Authorization: TC3-HMAC-SHA256 Credential=AKIDEXAMPLE/2018-05-30/cvm/tc3_request, SignedHeaders=content-type;host, Signature=582c400e06b5924a6f2b5d7d672d79c15b13162d9279b0855cfba6789a8edb4c
```

```
Content-Type: multipart/form-data; boundary=58731222010402
```

```
Host: cvm.tencentcloudapi.com
```

```
X-TC-Action: DescribeInstances
```

```
X-TC-Version: 2017-03-12
```

```
X-TC-Timestamp: 1527672334
```

```
X-TC-Region: ap-guangzhou
```

```
--58731222010402
```

```
Content-Disposition: form-data; name="Offset"
```

```
0
```

```
--58731222010402
```

```
Content-Disposition: form-data; name="Limit"
```

```
10
```

```
--58731222010402--
```

## Common parameters for Signature Algorithm v1

To adopt the HmacSHA1 and HmacSHA256 signature methods, common parameters must be put into the request string, as shown below:

| Parameter Name | Type   | Required | Description                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------|--------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | String | Yes      | The name of the API for the desired operation. For the specific value, see the description of common parameter <code>Action</code> in the input parameters in related API documentation. For example, the API for querying the CVM instance list is <code>DescribeInstances</code> .                                                                                                                                 |
| Region         | String | Yes      | Region parameter, which is used to identify the region to which the data you want to work with belongs. For values supported for an API, see the description of common parameter <code>Region</code> in the input parameters in related API documentation. Note: This parameter is not required for some APIs (which will be indicated in related API documentation), and will not take effect even if it is passed. |
|                |        |          |                                                                                                                                                                                                                                                                                                                                                                                                                      |

|                 |         |     |                                                                                                                                                                                                                                                 |
|-----------------|---------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Timestamp       | Integer | Yes | The current UNIX timestamp that records the time when the API request was initiated, for example, 1529223702. If the difference between the value and the current system time is too large, a signature expiration error may occur.             |
| Nonce           | Integer | Yes | A random positive integer used along with <code>Timestamp</code> to prevent replay attacks.                                                                                                                                                     |
| SecretId        | String  | Yes | The identifying SecretId obtained on the <a href="#">Cloud API Key</a> page. A SecretId corresponds to a unique SecretKey which is used to generate the request signature (Signature).                                                          |
| Signature       | String  | Yes | Request signature used to verify the validity of this request. This is calculated based on the actual input parameters. For more information about how this is calculated, see the API authentication documentation.                            |
| Version         | String  | Yes | API version of the action. For the valid values, see the description of the common input parameter <code>Version</code> in the API documentation. For example, the version of CVM is 2017-03-12.                                                |
| SignatureMethod | String  | No  | Signature method. Currently, only HmacSHA256 and HmacSHA1 are supported. The HmacSHA256 algorithm is used to verify the signature only when this parameter is specified as HmacSHA256. In other cases, the signature is verified with HmacSHA1. |
| Token           | String  | No  | The token used for a temporary certificate. It must be used with a temporary key. You can obtain the temporary key and token by calling a CAM API. No token is required for a long-term key.                                                    |

Assuming you want to query the list of Cloud Virtual Machine instances in the Guangzhou region, the request structure in the form of request URL, request header and request body may be as follows:

Example of an HTTP GET request structure:

```
https://cvm.tencentcloudapi.com/?Action=DescribeInstances&Version=2017-03-12&SignatureMethod=HmacSHA256&Timestamp=1527672334&Signature=37ac2f4fde00b0ac9bd9eadeb459b1bb224158d66e7ae5fcadb70b2d181d02&Region=ap-guangzhou&Nonce=23823223&SecretId=AKIDEXAMPLE
```

```
Host: cvm.tencentcloudapi.com
Content-Type: application/x-www-form-urlencoded
```

Example of an HTTP POST request structure:

```
https://cvm.tencentcloudapi.com/
```

```
Host: cvm.tencentcloudapi.com
```

```
Content-Type: application/x-www-form-urlencoded
```

```
Action=DescribeInstances&Version=2017-03-12&SignatureMethod=HmacSHA256&Timestamp=1527672334&Signature=37ac2f4fde00b0ac9bd9eadeb459b1bbec224158d66e7ae5fcadb70b2d181d02&Region=ap-guangzhou&Nonce=23823223&SecretId=AKIDEXAMPLE
```

# Signature v3

Last updated : 2022-08-02 15:42:22

TencentCloud API authenticates every single request, i.e., the request must be signed using the security credentials in the designated steps. Each request has to contain the signature information (Signature) in the common request parameters and be sent in the specified way and format.

## Applying for Security Credentials

The security credential used in this document is a key, which includes a SecretId and a SecretKey. Each user can have up to two pairs of keys.

- \* SecretId: Used to identify the API caller, which is just like a username.
- \* SecretKey: Used to authenticate the API caller, which is just like a password.

**\*\*You must keep your security credentials private and avoid disclosure; otherwise, your assets may be compromised. If they are disclosed, please disable them as soon as possible.\*\*** You can apply for the security credentials through the following steps:

1. Log in to the [Tencent Cloud Console] (<https://console.intl.cloud.tencent.com/>).
2. Go to the [TencentCloud API Key] (<https://console.intl.cloud.tencent.com/capi>) console page.
3. On the [TencentCloud API Key] (<https://console.intl.cloud.tencent.com/capi>) page, click **Create** to create a SecretId/SecretKey pair.

## Using the Resources for Developers

TencentCloud API comes with SDKs for seven commonly used programming languages, including [Python] (<https://github.com/TencentCloud/tencentcloud-sdk-python-intl-en>), [Java] (<https://github.com/TencentCloud/tencentcloud-sdk-java-intl-en>), [PHP] (<https://github.com/TencentCloud/tencentcloud-sdk-php-intl-en>), [Go] (<https://github.com/TencentCloud/tencentcloud-sdk-go-intl-en>), [NodeJS] (<https://github.com/TencentCloud/tencentcloud-sdk-nodejs-intl-en>) and [.NET] (<https://github.com/TencentCloud/tencentcloud-sdk-dotnet-intl-en>). In addition, it provides [API Explorer] (<https://console.intl.cloud.tencent.com/api/explorer?SignVersion=api3v3>) which enables online call, signature verification, and SDK code generation. If you have any troubles calculating a signature, consult these resources.

## TC3-HMAC-SHA256 Signature Algorithm

Compatible with the previous HmacSHA1 and HmacSHA256 signature algorithms, the TC3-HMAC-SHA256 signature algorithm is more secure and supports larger requests and JSON format with better performance. We recommend using TC3-HMAC-SHA256 to calculate the signature. TencentCloud API supports both GET and POST requests. For the GET method, only the Content-Type: application/x-www-form-urlencoded protocol format is supported. For the POST method, two protocol formats, Content-Type: application/json and Content-Type: multipart/form-data, are supported. The JSON format is supported by default for all business APIs, and the multipart format is supported only for specific business APIs. In this case, the API cannot be called in JSON format. See the specific business API documentation for more information. The POST method is recommended, as there is no difference in the results of both the methods, but the GET method only supports request packets up to 32 KB. The following uses querying the list of CVM instances in the Guangzhou region as an example to describe the steps of signature splicing. We chose this API because:

1. CVM is activated by default, and this API is often used;
2. It is read-only and does not change the status of existing resources;
3. It covers many types of parameters, which allows it to be used to demonstrate how to use arrays containing data structures. In the example, we try to choose common parameters and API parameters that are prone to mistakes. When you actually call an API, please use parameters based on the actual conditions. The parameters vary by API. Do not copy the parameters and values in this example.

Assuming that your SecretId and SecretKey are `AKIDz8krbsJ5yKBZQpn74WFkmLPx3\*\*\*\*\*` and `Gu5t9xGARNpq86cd98joQYCN3\*\*\*\*\*`, respectively, if you want to view the status of the instance in the Guangzhou region whose CVM instance name is "unnamed" and have only one data entry returned, then the request may be: `` curl -X POST https://cvm.tencentcloudapi.com \ -H "Authorization: TC3-HMAC-SHA256 Credential=AKIDz8krbsJ5yKBZQpn74WFkmLPx3\*\*\*\*\*/2019-02-25/cvm/tc3\_request, SignedHeaders=content-type;host, Signature=c492e8e41437e97a620b728c301bb8d17e7dc0c17eeabce80c20cd70fc3a78ff" \ -H "Content-Type: application/json; charset=utf-8" \ -H "Host: cvm.tencentcloudapi.com" \ -H "X-TC-Action: DescribeInstances" \ -H "X-TC-Timestamp: 1551113065" \ -H "X-TC-Version: 2017-03-12" \ -H "X-TC-Region: ap-guangzhou" \ -d '{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-name"}]}' `` The signature calculation process is explained in detail below. ### 1. Concatenating the CanonicalRequest String Concatenate the canonical request string (CanonicalRequest) in the following pseudocode format: `` CanonicalRequest = HTTPRequestMethod + '\n' + CanonicalURI + '\n' + CanonicalQueryString + '\n' + CanonicalHeaders + '\n' + SignedHeaders + '\n' + HashedRequestPayload ``

| Field Name           | Explanation                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HTTPRequestMethod    | HTTP request method (GET or POST). This example uses `POST`.                                                                                                                                                                                                                                                                                                                                                                                                         |
| CanonicalURI         | URI parameter. Slash ("/") is used for API 3.0.                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CanonicalQueryString | The query string in the URL of the originating HTTP request. This is always an empty string "" for POST requests, and is the string after the question mark (?) for GET requests. For example: Limit=10&Offset=0. Note: `CanonicalQueryString` must be URL-encoded, referencing [RFC3986](https://tools.ietf.org/html/rfc3986), the UTF8 character set. We recommend using the programming language library. All special characters must be encoded and capitalized. |
| CanonicalHeaders     | Header information for signature calculation, including at least two headers of `host` and `content-type`. Custom headers can be added to participate in the signature process to improve the uniqueness and security of the request.                                                                                                                                                                                                                                |

Concatenation rules:

1. Both the key and value of the header should be converted to lowercase with the leading and trailing spaces removed, so they are concatenated in the format of key:value\n format;
2. If there are multiple headers, they should be sorted in ASCII ascending order by the header keys (lowercase).

The calculation result in this example is `content-type:application/json; charset=utf-8\nhost:cvm.tencentcloudapi.com\n`.

Note: `content-type` must match the actually sent content. In some programming languages, a charset value would be added even if it is not specified. In this case, the request sent is different from the one signed, and the sever will return an error indicating that signature verification failed.

| Field Name    | Explanation                                                                                                                                                                                                                                             |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SignedHeaders | Header information for signature calculation, indicating which headers of the request participate in the signature process (they must each individually correspond to the headers in CanonicalHeaders). `Content-type` and `host` are required headers. |

Concatenation rules:

1. Both the key and value of the header should be converted to lowercase;
2. If there are multiple headers, they should be sorted in ASCII ascending order by the header keys (lowercase) and separated by semicolons (;).

The value in this example is `content-type;host` | | HashedRequestPayload | Hash value of the request payload (i.e., the body, such as `{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-name"}]}` in this example). The pseudocode for calculation is Lowercase(HexEncode(Hash.SHA256(RequestPayload))) by SHA256 hashing the payload of the HTTP request, performing hexadecimal encoding, and finally converting the encoded string to lowercase letters. For GET requests, `RequestPayload` is always an empty string. The calculation result in this example is `99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b4907`. | According to the rules above, the `CanonicalRequest` string obtained in the example is as follows: `` POST / content-type:application/json; charset=utf-8 host:cvm.tencentcloudapi.com content-type;host

99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b4907 `` ### 2. Concatenating the String to Be Signed The string to sign is concatenated as follows: `` StringToSign = Algorithm + \n + RequestTimestamp + \n + CredentialScope + \n + HashedCanonicalRequest `` | Field Name | Explanation | | - | | Algorithm | Signature algorithm, which is currently always `TC3-HMAC-SHA256`. | | RequestTimestamp | Request timestamp, i.e., the value of the common parameter `X-TC-Timestamp` in the request header, which is the UNIX timestamp of the current time in seconds, such as `1551113065` in this example. | | CredentialScope | Scope of the credential in the format of `Date/service/tc3\_request`, including the date, requested service and termination string (tc3\_request). \*\*`Date` is a date in UTC time, whose value should match the UTC date converted by the common parameter `X-TC-Timestamp`; \*\* `service` is the product name, which should match the domain name of the product called. The calculation result in this example is `2019-02-25/cvm/tc3\_request`. | | HashedCanonicalRequest | Hash value of the CanonicalRequest string concatenated in the steps above. The pseudocode for calculation is

Lowercase(HexEncode(Hash.SHA256(CanonicalRequest))). The calculation result in this example is `2815843035062ffda5fd6f2a44ea8a34818b0dc46f024b8b3786976a3adda7a`. | >Note: > 1. Date has to be calculated from the timestamp "X-TC-Timestamp" and the time zone is UTC+0. If you add the system's local time zone information (such as UTC+8), calls can succeed both day and night but will definitely fail at 00:00. For example, if the timestamp is 1551113065 and the time in UTC+8 is 2019-02-26 00:44:25, the UTC+0 date in the calculated Date value should be 2019-02-25 instead of 2019-02-26. > 2. Timestamp must be the same as your current system time, and your system time and standard time must be synced; if the difference between Timestamp and your current system time is larger than five minutes, the request will fail. If your system time is out of sync with the standard time for a while, the request will fail and return a signature expiration error. According to the preceding rules, the string to be signed obtained in the example is as follows: `` TC3-HMAC-SHA256 1551113065 2019-02-25/cvm/tc3\_request 2815843035062ffda5fd6f2a44ea8a34818b0dc46f024b8b3786976a3adda7a `` ### 3. Calculating the Signature 1)

Calculate the derived signature key with the following pseudocode: `` SecretKey = "Gu5t9xGARNpq86cd98joQYCN3\*\*\*\*\*" SecretDate = HMAC\_SHA256("TC3" + SecretKey, Date) SecretService = HMAC\_SHA256(SecretDate, Service) SecretSigning = HMAC\_SHA256(SecretService, "tc3\_request") `` | Field Name | Explanation | | - | | SecretKey | The original SecretKey, i.e., `Gu5t9xGARNpq86cd98joQYCN3\*\*\*\*\*`. | | Date | The Date field information in `Credential`, such as `2019-02-25` in this example. | | Service | Value in the Service field in `Credential`, such as `cvm` in this example. | 2) Calculate the signature with the following pseudocode: `` Signature = HexEncode(HMAC\_SHA256(SecretSigning, StringToSign)) `` ### 4. Concatenating the Authorization The Authorization is concatenated as follows: `` Authorization = Algorithm + ' ' + 'Credential=' + SecretId + '/' +



CredentialScope + ', ' + 'SignedHeaders=' + SignedHeaders + ', ' + 'Signature=' + Signature ``` | Field Name | Explanation | | - | | Algorithm | Signature algorithm, which is always `TC3-HMAC-SHA256`. | | SecretId | The SecretId in the key pair, i.e., `AKIDz8krbsJ5yKBZQpn74WFkmLPx3\*\*\*\*\*`. | | CredentialScope | Credential scope (see above). The calculation result in this example is `2019-02-25/cvm/tc3\_request`. | | SignedHeaders | Header information for signature calculation (see above), such as `content-type;host` in this example. | | Signature | Signature value. The calculation result in this example is

`c492e8e41437e97a620b728c301bb8d17e7dc0c17eeabce80c20cd70fc3a78ff`. | According to the rules above, the value obtained in the example is: ``` TC3-HMAC-SHA256

Credential=AKIDz8krbsJ5yKBZQpn74WFkmLPx3\*\*\*\*\*/2019-02-25/cvm/tc3\_request, SignedHeaders=content-type;host, Signature=c492e8e41437e97a620b728c301bb8d17e7dc0c17eeabce80c20cd70fc3a78ff ``` The following example shows a finished authorization header: ``` POST https://cvm.tencentcloudapi.com/ Authorization: TC3-HMAC-SHA256 Credential=AKIDz8krbsJ5yKBZQpn74WFkmLPx3\*\*\*\*\*/2019-02-25/cvm/tc3\_request, SignedHeaders=content-type;host,

Signature=c492e8e41437e97a620b728c301bb8d17e7dc0c17eeabce80c20cd70fc3a78ff Content-Type: application/json; charset=utf-8 Host: cvm.tencentcloudapi.com X-TC-Action: DescribeInstances X-TC-Version: 2017-03-12 X-TC-Timestamp: 1551113065 X-TC-Region: ap-guangzhou {"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-name"}]} ``` ### 5. Signature Demo When calling API 3.0, you are recommended to use the corresponding Tencent Cloud SDK 3.0 which encapsulates the signature process, enabling you to focus on only the specific APIs provided by the product when developing. See [SDK Center]

(<https://intl.cloud.tencent.com/document/product/494>) for more information. Currently, the following programming

languages are supported: \* [Python](<https://github.com/TencentCloud/tencentcloud-sdk-python-intl-en>) \* [Java]

(<https://github.com/TencentCloud/tencentcloud-sdk-java-intl-en>) \* [PHP]

(<https://github.com/TencentCloud/tencentcloud-sdk-php-intl-en>) \* [Go](<https://github.com/TencentCloud/tencentcloud-sdk-go-intl-en>) \* [NodeJS](<https://github.com/TencentCloud/tencentcloud-sdk-nodejs-intl-en>) \* [.NET]

(<https://github.com/TencentCloud/tencentcloud-sdk-dotnet-intl-en>) To further explain the signing process, we will use a programming language to implement the process described above. The request domain name, API and parameter values in the sample are used here. This goal of this example is only to provide additional clarification for the signature process, please see the SDK for actual usage. The final output URL might be: [https://cvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceId=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5yKBZQpn74WFkmLPx3\\*\\*\\*\\*\\*&Signature=ElIP9YW3pW28FpsEdkXt%2F%2BWcGel%3D&Timestamp=1465185768&Version=2017-03-12](https://cvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceId=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****&Signature=ElIP9YW3pW28FpsEdkXt%2F%2BWcGel%3D&Timestamp=1465185768&Version=2017-03-12). Note: The key in the example is fictitious, and the

timestamp is not the current time of the system, so if this URL is opened in the browser or called using commands such as curl, an authentication error will be returned: Signature expired. In order to get a URL that can work properly, you need to replace the SecretId and SecretKey in the example with your real credentials and use the current time of the system as the Timestamp. Note: In the example below, even if you use the same programming language, the order of the parameters in the URL may be different for each execution. However, the order does not matter, as long as all the parameters are included in the URL and the signature is calculated correctly. Note: The following code is only applicable to API 3.0. It cannot be directly used in other signature processes. Even with an older API, signature



calculation errors may occur due to the differences in details. Please refer to the corresponding documentation. #####

```

Java `` import java.nio.charset.Charset; import java.nio.charset.StandardCharsets; import
java.security.MessageDigest; import java.text.SimpleDateFormat; import java.util.Date; import java.util.TimeZone;
import java.util.TreeMap; import javax.crypto.Mac; import javax.crypto.spec.SecretKeySpec; import
javax.xml.bind.DatatypeConverter; public class TencentCloudAPITC3Demo { private final static Charset UTF8 =
StandardCharsets.UTF_8; private final static String SECRET_ID = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****";
private final static String SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*****"; private final static String
CT_JSON = "application/json; charset=utf-8"; public static byte[] hmac256(byte[] key, String msg) throws Exception {
Mac mac = Mac.getInstance("HmacSHA256"); SecretKeySpec secretKeySpec = new SecretKeySpec(key,
mac.getAlgorithm()); mac.init(secretKeySpec); return mac.doFinal(msg.getBytes(UTF8)); } public static String
sha256Hex(String s) throws Exception { MessageDigest md = MessageDigest.getInstance("SHA-256"); byte[] d =
md.digest(s.getBytes(UTF8)); return DatatypeConverter.printHexBinary(d).toLowerCase(); } public static void
main(String[] args) throws Exception { String service = "cvm"; String host = "cvm.tencentcloudapi.com"; String region
= "ap-guangzhou"; String action = "DescribeInstances"; String version = "2017-03-12"; String algorithm = "TC3-
HMAC-SHA256"; String timestamp = "1551113065"; //String timestamp = String.valueOf(System.currentTimeMillis() /
1000); SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd"); // Pay attention to the time zone; otherwise,
errors may occur sdf.setTimeZone(TimeZone.getTimeZone("UTC")); String date = sdf.format(new
Date(Long.valueOf(timestamp + "000"))); // ***** Step 1: Concatenate the CanonicalRequest string *****
String httpRequestMethod = "POST"; String canonicalUri = "/"; String canonicalQueryString = ""; String
canonicalHeaders = "content-type:application/json; charset=utf-8\n" + "host:" + host + "\n"; String signedHeaders =
"content-type;host"; String payload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name\": \"instance-
name\"}]}"; String hashedRequestPayload = sha256Hex(payload); String canonicalRequest = httpRequestMethod +
"\n" + canonicalUri + "\n" + canonicalQueryString + "\n" + canonicalHeaders + "\n" + signedHeaders + "\n" +
hashedRequestPayload; System.out.println(canonicalRequest); // ***** Step 2: Concatenate the string to sign
***** String credentialScope = date + "/" + service + "/" + "tc3_request"; String hashedCanonicalRequest =
sha256Hex(canonicalRequest); String stringToSign = algorithm + "\n" + timestamp + "\n" + credentialScope + "\n" +
hashedCanonicalRequest; System.out.println(stringToSign); // ***** Step 3: Calculate the signature *****
byte[] secretDate = hmac256(("TC3" + SECRET_KEY).getBytes(UTF8), date); byte[] secretService =
hmac256(secretDate, service); byte[] secretSigning = hmac256(secretService, "tc3_request"); String signature =
DatatypeConverter.printHexBinary(hmac256(secretSigning, stringToSign)).toLowerCase();
System.out.println(signature); // ***** Step 4: Concatenate the Authorization ***** String authorization =
algorithm + " " + "Credential=" + SECRET_ID + "/" + credentialScope + ", " + "SignedHeaders=" + signedHeaders + ",
" + "Signature=" + signature; System.out.println(authorization); TreeMap headers = new TreeMap();
headers.put("Authorization", authorization); headers.put("Content-Type", CT_JSON); headers.put("Host", host);
headers.put("X-TC-Action", action); headers.put("X-TC-Timestamp", timestamp); headers.put("X-TC-Version",
version); headers.put("X-TC-Region", region); StringBuilder sb = new StringBuilder(); sb.append("curl -X POST
https://").append(host).append(" -H \"Authorization: ").append(authorization).append("\"") .append(" -H \"Content-
Type: application/json; charset=utf-8\"") .append(" -H \"Host: ").append(host).append("\"") .append(" -H \"X-TC-Action:

```

```

").append(action).append("") .append(" -H \"X-TC-Timestamp: ").append(timestamp).append("") .append(" -H \"X-TC-Version: ").append(version).append("") .append(" -H \"X-TC-Region: ").append(region).append("") .append(" -d ").append(payload).append(""); System.out.println(sb.toString()); } } ``#### Python `` # -*- coding: utf-8 -*- import hashlib, hmac, json, os, sys, time from datetime import datetime # Key Parameters secret_id = "AKIDz8krbsJ5yKBZQpn74WfkmLPx3*****" secret_key = "Gu5t9xGARNpq86cd98joQYCN3*****" service = "cvm" host = "cvm.tencentcloudapi.com" endpoint = "https://" + host region = "ap-guangzhou" action = "DescribeInstances" version = "2017-03-12" algorithm = "TC3-HMAC-SHA256" #timestamp = int(time.time()) timestamp = 1551113065 date = datetime.utcnow().strftime("%Y-%m-%d") params = {"Limit": 1, "Filters": [{"Name": "instance-name", "Values": ["unnamed"]}]} # ***** Step 1: Concatenate the CanonicalRequest string ***** http_request_method = "POST" canonical_uri = "/" canonical_querystring = "" ct = "application/json; charset=utf-8" payload = json.dumps(params) canonical_headers = "content-type:%s\nhost:%s\n%s (ct, host) signed_headers = "content-type;host" hashed_request_payload = hashlib.sha256(payload.encode("utf-8")).hexdigest() canonical_request = (http_request_method + "\n" + canonical_uri + "\n" + canonical_querystring + "\n" + canonical_headers + "\n" + signed_headers + "\n" + hashed_request_payload) print(canonical_request) # ***** Step 2: Concatenate the string to sign ***** credential_scope = date + "/" + service + "/" + "tc3_request" hashed_canonical_request = hashlib.sha256(canonical_request.encode("utf-8")).hexdigest() string_to_sign = (algorithm + "\n" + str(timestamp) + "\n" + credential_scope + "\n" + hashed_canonical_request) print(string_to_sign) # ***** Step 3: Calculate the Signature ***** # Function for computing signature digest def sign(key, msg): return hmac.new(key, msg.encode("utf-8"), hashlib.sha256).digest() secret_date = sign(("TC3" + secret_key).encode("utf-8"), date) secret_service = sign(secret_date, service) secret_signing = sign(secret_service, "tc3_request") signature = hmac.new(secret_signing, string_to_sign.encode("utf-8"), hashlib.sha256).hexdigest() print(signature) # ***** Step 4: Concatenate the Authorization ***** authorization = (algorithm + " " + "Credential=" + secret_id + "/" + credential_scope + ", " + "SignedHeaders=" + signed_headers + ", " + "Signature=" + signature) print(authorization) print('curl -X POST ' + endpoint + ' -H "Authorization: ' + authorization + '" -H "Content-Type: application/json; charset=utf-8" -H "Host: ' + host + '" -H "X-TC-Action: ' + action + '" -H "X-TC-Timestamp: ' + str(timestamp) + '" -H "X-TC-Version: ' + version + '" -H "X-TC-Region: ' + region + '" -d ' + payload + '"') ``#### Golang `` package main import ( "crypto/hmac" "crypto/sha256" "encoding/hex" "fmt" "time" ) func sha256hex(s string) string { b := sha256.Sum256([]byte(s)) return hex.EncodeToString(b[:]) } func hmacsha256(s, key string) string { hashed := hmac.New(sha256.New, []byte(key)) hashed.Write([]byte(s)) return string(hashed.Sum(nil)) } func main() { secretId := "AKIDz8krbsJ5yKBZQpn74WfkmLPx3*****" secretKey := "Gu5t9xGARNpq86cd98joQYCN3*****" host := "cvm.tencentcloudapi.com" algorithm := "TC3-HMAC-SHA256" service := "cvm" version := "2017-03-12" action := "DescribeInstances" region := "ap-guangzhou" //var timestamp int64 = time.Now().Unix() var timestamp int64 = 1551113065 // step 1: build canonical request string httpRequestMethod := "POST" canonicalURI := "/" canonicalQueryString := "" canonicalHeaders := "content-type:application/json; charset=utf-8\n" + "host:" + host + "\n" signedHeaders := "content-type;host" payload := `{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-name"}]}` hashedRequestPayload := sha256hex(payload) canonicalRequest := fmt.Sprintf("%s\n%s\n%s\n%s\n%s\n%s", httpRequestMethod, canonicalURI, canonicalQueryString,

```

```

canonicalHeaders, signedHeaders, hashedRequestPayload) fmt.Println(canonicalRequest) // step 2: build string to
sign date := time.Unix(timestamp, 0).UTC().Format("2006-01-02") credentialScope :=
fmt.Sprintf("%s/%s/tc3_request", date, service) hashedCanonicalRequest := sha256hex(canonicalRequest)
string2sign := fmt.Sprintf("%s\n%d\n%s\n%s", algorithm, timestamp, credentialScope, hashedCanonicalRequest)
fmt.Println(string2sign) // step 3: sign string secretDate := hmacsha256(date, "TC3"+secretKey) secretService :=
hmacsha256(service, secretDate) secretSigning := hmacsha256("tc3_request", secretService) signature :=
hex.EncodeToString([]byte(hmacsha256(string2sign, secretSigning))) fmt.Println(signature) // step 4: build
authorization authorization := fmt.Sprintf("%s Credential=%s/%s, SignedHeaders=%s, Signature=%s", algorithm,
secretId, credentialScope, signedHeaders, signature) fmt.Println(authorization) curl := fmt.Sprintf(`curl -X POST
https://%s\ -H "Authorization: %s" \ -H "Content-Type: application/json; charset=utf-8" \ -H "Host: %s" \ -H "X-TC-Action:
%s" \ -H "X-TC-Timestamp: %d" \ -H "X-TC-Version: %s" \ -H "X-TC-Region: %s" \ -d '%s'`, host, authorization, host,
action, timestamp, version, region, payload) fmt.Println(curl) } ``#### PHP ``=2.3.0 require 'digest' require 'json'
require 'time' require 'openssl' # Key Parameters secret_id = 'AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****'
secret_key = 'Gu5t9xGARNpq86cd98joQYCN3*****' service = 'cvm' host = 'cvm.tencentcloudapi.com' endpoint =
'https://' + host region = 'ap-guangzhou' action = 'DescribeInstances' version = '2017-03-12' algorithm = 'TC3-HMAC-
SHA256' # timestamp = Time.now.to_i timestamp = 1551113065 date = Time.at(timestamp).utc.strftime('%Y-%m-
%d') # ***** Step 1: Concatenate the CanonicalRequest string ***** http_request_method = 'POST'
canonical_uri = '/' canonical_querystring = "" canonical_headers = "content-type:application/json; charset=utf-
8\nhost:#{host}\n" signed_headers = 'content-type;host' # params = { 'Limit' => 1, 'Filters' => [{ 'Name' => 'instance-
name', 'Values' => ['unnamed'] }] } # payload = JSON.generate(params, { 'ascii_only' => true, 'space' => ' ' }) # json
will generate in random order, to get specified result in example, we hard-code it here. payload = '{"Limit": 1, "Filters":
[{"Values": ["unnamed"], "Name": "instance-name"}]}' hashed_request_payload = Digest::SHA256.hexdigest(payload)
canonical_request = [ http_request_method, canonical_uri, canonical_querystring, canonical_headers,
signed_headers, hashed_request_payload, ].join("\n") puts canonical_request # ***** Step 2: Concatenate the
string to sign ***** credential_scope = date + '/' + service + '/' + 'tc3_request' hashed_request_payload =
Digest::SHA256.hexdigest(canonical_request) string_to_sign = [ algorithm, timestamp.to_s, credential_scope,
hashed_request_payload, ].join("\n") puts string_to_sign # ***** Step 3: Calculate the Signature *****
digest = OpenSSL::Digest.new('sha256') secret_date = OpenSSL::HMAC.digest(digest, 'TC3' + secret_key, date)
secret_service = OpenSSL::HMAC.digest(digest, secret_date, service) secret_signing =
OpenSSL::HMAC.digest(digest, secret_service, 'tc3_request') signature = OpenSSL::HMAC.hexdigest(digest,
secret_signing, string_to_sign) puts signature # ***** Step 4: Concatenate the Authorization *****
authorization = "#{algorithm} Credential=#{secret_id}/#{credential_scope}, SignedHeaders=#{signed_headers},
Signature=#{signature}" puts authorization puts 'curl -X POST ' + endpoint \ + ' -H "Authorization: ' + authorization + '"
\ + ' -H "Content-Type: application/json; charset=utf-8" \ + ' -H "Host: ' + host + '" \ + ' -H "X-TC-Action: ' + action + '" \
+ ' -H "X-TC-Timestamp: ' + timestamp.to_s + '" \ + ' -H "X-TC-Version: ' + version + '" \ + ' -H "X-TC-Region: ' +
region + '" \ + ' -d "' + payload + '"' ``#### DotNet `` using System; using System.Collections.Generic; using
System.Security.Cryptography; using System.Text; public class Application { public static string SHA256Hex(string s)
{ using (SHA256 algo = SHA256.Create()) { byte[] hashbytes = algo.ComputeHash(Encoding.UTF8.GetBytes(s));

```

```

StringBuilder builder = new StringBuilder(); for (int i = 0; i < hashbytes.Length; ++i) {
builder.Append(hashbytes[i].ToString("x2")); } return builder.ToString(); } } public static byte[] HmacSHA256(byte[]
key, byte[] msg) { using (HMACSHA256 mac = new HMACSHA256(key)) { return mac.ComputeHash(msg); } } public
static Dictionary BuildHeaders(string secretid, string secretkey, string service, string endpoint, string region, string
action, string version, DateTime date, string requestPayload) { string datestr = date.ToString("yyyy-MM-dd");
DateTime startTime = new DateTime(1970, 1, 1, 0, 0, 0, 0, DateTimeKind.Utc); long requestTimestamp =
(long)Math.Round((date - startTime).TotalMilliseconds, MidpointRounding.AwayFromZero) / 1000; // *****
Step 1: Concatenate the CanonicalRequest string ***** string algorithm = "TC3-HMAC-SHA256"; string
httpRequestMethod = "POST"; string canonicalUri = "/"; string canonicalQueryString = ""; string contentType =
"application/json"; string canonicalHeaders = "content-type:" + contentType + "; charset=utf-8\n" + "host:" + endpoint +
"\n"; string signedHeaders = "content-type;host"; string hashedRequestPayload = SHA256Hex(requestPayload);
string canonicalRequest = httpRequestMethod + "\n" + canonicalUri + "\n" + canonicalQueryString + "\n" +
canonicalHeaders + "\n" + signedHeaders + "\n" + hashedRequestPayload; Console.WriteLine(canonicalRequest);
Console.WriteLine("-----"); // ***** Step 2: Concatenate the string to sign *****
string credentialScope = datestr + "/" + service + "/" + "tc3_request"; string hashedCanonicalRequest =
SHA256Hex(canonicalRequest); string stringToSign = algorithm + "\n" + requestTimestamp.ToString() + "\n" +
credentialScope + "\n" + hashedCanonicalRequest; Console.WriteLine(stringToSign); Console.WriteLine("-----
-----"); // ***** Step 3: Calculate the signature ***** byte[] tc3SecretKey =
Encoding.UTF8.GetBytes("TC3" + secretkey); byte[] secretDate = HmacSHA256(tc3SecretKey,
Encoding.UTF8.GetBytes(datestr)); byte[] secretService = HmacSHA256(secretDate,
Encoding.UTF8.GetBytes(service)); byte[] secretSigning = HmacSHA256(secretService,
Encoding.UTF8.GetBytes("tc3_request")); byte[] signatureBytes = HmacSHA256(secretSigning,
Encoding.UTF8.GetBytes(stringToSign)); string signature = BitConverter.ToString(signatureBytes).Replace("-",
"").ToLower(); Console.WriteLine(signature); Console.WriteLine("-----"); // ***** Step 4:
Concatenate the Authorization ***** string authorization = algorithm + " " + "Credential=" + secretid + "/" +
credentialScope + " " + "SignedHeaders=" + signedHeaders + " " + "Signature=" + signature;
Console.WriteLine(authorization); Console.WriteLine("-----"); Dictionary headers = new
Dictionary(); headers.Add("Authorization", authorization); headers.Add("Host", endpoint); headers.Add("Content-
Type", contentType + "; charset=utf-8"); headers.Add("X-TC-Timestamp", requestTimestamp.ToString());
headers.Add("X-TC-Version", version); headers.Add("X-TC-Action", action); headers.Add("X-TC-Region", region);
return headers; } } public static void Main(string[] args) { // SecretID and SecretKey string SECRET_ID =
"AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****"; string SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*****";
string service = "cvm"; string endpoint = "cvm.tencentcloudapi.com"; string region = "ap-guangzhou"; string action =
"DescribeInstances"; string version = "2017-03-12"; // The timestamp `2019-02-26 00:44:25` used here is only for
reference. In a project, use the following parameter: // DateTime date = DateTime.UtcNow; // Enter the correct time
zone. We recommend using UTC timestamp to avoid errors. DateTime date = new DateTime(1970, 1, 1, 0, 0, 0, 0,
DateTimeKind.Utc).AddSeconds(1551113065); string requestPayload = "{\"Limit\": 1, \"Filters\": [{\"Values\":
[\"\\u672a\\u547d\\u540d\"], \"Name\": \"instance-name\"}]}"; Dictionary headers = BuildHeaders(SECRET_ID,

```

```

SECRET_KEY, service, endpoint, region, action, version, date, requestPayload); Console.WriteLine("POST
https://cvm.tencentcloudapi.com"); foreach (KeyValuePair kv in headers) { Console.WriteLine(kv.Key + ": " +
kv.Value); } Console.WriteLine(); Console.WriteLine(requestPayload); } } `````` NodeJS `````` const crypto =
require('crypto'); function sha256(message, secret = "", encoding) { const hmac = crypto.createHmac('sha256', secret)
return hmac.update(message).digest(encoding) } function getHash(message, encoding = 'hex') { const hash =
crypto.createHash('sha256') return hash.update(message).digest(encoding) } function getDate(timestamp) { const
date = new Date(timestamp * 1000) const year = date.getUTCFullYear() const month = ('0' + (date.getUTCMonth() +
1)).slice(-2) const day = ('0' + date.getUTCDate()).slice(-2) return `${year}-${month}-${day}` } function main(){ const
SECRET_ID = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****" const SECRET_KEY =
"Gu5t9xGARNpq86cd98joQYCN3*****" const endpoint = "cvm.tencentcloudapi.com" const service = "cvm" const
region = "ap-guangzhou" const action = "DescribeInstances" const version = "2017-03-12" //const timestamp =
getTime() const timestamp = 1551113065 const date = getDate(timestamp) // ***** Step 1: Concatenate the
CanonicalRequest string ***** const signedHeaders = "content-type;host" const payload = "{\"Limit\": 1,
\"Filters\": [{\"Values\": [\"unnamed\"], \"Name\": \"instance-name\"}]}" const hashedRequestPayload =
getHash(payload); const httpRequestMethod = "POST" const canonicalUri = "/" const canonicalQueryString = "" const
canonicalHeaders = "content-type:application/json; charset=utf-8\\n" + "host:" + endpoint + "\\n" const
canonicalRequest = httpRequestMethod + "\\n" + canonicalUri + "\\n" + canonicalQueryString + "\\n" +
canonicalHeaders + "\\n" + signedHeaders + "\\n" + hashedRequestPayload console.log(canonicalRequest)
console.log("-----") // ***** Step 2: Concatenate the string to sign ***** const algorithm
= "TC3-HMAC-SHA256" const hashedCanonicalRequest = getHash(canonicalRequest); const credentialScope =
date + "/" + service + "/" + "tc3_request" const stringToSign = algorithm + "\\n" + timestamp + "\\n" + credentialScope +
 "\\n" + hashedCanonicalRequest console.log(stringToSign) console.log("-----") // ***** Step 3:
Calculate the signature ***** const kDate = sha256(date, 'TC3' + SECRET_KEY) const kService =
sha256(service, kDate) const kSigning = sha256('tc3_request', kService) const signature = sha256(stringToSign,
kSigning, 'hex') console.log(signature) console.log("-----") // ***** Step 4: Concatenate the
Authorization ***** const authorization = algorithm + " " + "Credential=" + SECRET_ID + "/" + credentialScope
+ ", " + "SignedHeaders=" + signedHeaders + ", " + "Signature=" + signature console.log(authorization) console.log("-----")
const Call_Information = 'curl -X POST ' + "https://" + endpoint + ' -H "Authorization: ' +
authorization + '"' + ' -H "Content-Type: application/json; charset=utf-8"' + ' -H "Host: ' + endpoint + '"' + ' -H "X-TC-
Action: ' + action + '"' + ' -H "X-TC-Timestamp: ' + timestamp.toString() + '"' + ' -H "X-TC-Version: ' + version + '"' + ' -H
"X-TC-Region: ' + region + '"' + " -d '" + payload + "'" console.log(Call_Information) } main() `````` C++ `````` #include
#include #include #include #include #include #include #include using namespace std; string get_data(int64_t xamp) {
string utcDate; char buff[20] = {0}; // time_t timenow; struct tm sttime; sttime = *gmtime(&xamp); strftime(buff,
sizeof(buff), "%Y-%m-%d", &sttime); utcDate = string(buff); return utcDate; } string int2str(int64_t n) { std::stringstream
ss; ss << n; return ss.str(); } string sha256Hex(const string &str) { char buff[3]; unsigned char
hash[SHA256_DIGEST_LENGTH]; SHA256_CTX sha256; SHA256_Init(&sha256); SHA256_Update(&sha256,
str.c_str(), str.size()); SHA256_Final(hash, &sha256); std::string NewString = ""; for(int i = 0; i <
SHA256_DIGEST_LENGTH; i++) { sprintf(buf, sizeof(buf), "%02x", hash[i]); NewString = NewString + buf; } return

```



```

NewString; } string HmacSha256(const string &key, const string &input) { unsigned char hash[32]; HMAC_CTX *h; #if
OPENSSL_VERSION_NUMBER < 0x10100000L HMAC_CTX hmac; HMAC_CTX_init(&hmac); h = &hmac; #else h
= HMAC_CTX_new(); #endif HMAC_Init_ex(h, &key[0], key.length(), EVP_sha256(), NULL); HMAC_Update(h, (
unsigned char* )&input[0], input.length()); unsigned int len = 32; HMAC_Final(h, hash, &len); #if
OPENSSL_VERSION_NUMBER < 0x10100000L HMAC_CTX_cleanup(h); #else HMAC_CTX_free(h); #endif
std::stringstream ss; ss << std::setfill('0'); for (int i = 0; i < len; i++) { ss << hash[i]; } return (ss.str()); } string
HexEncode(const string &input) { static const char* lut = "0123456789abcdef"; size_t len = input.length(); string
output; output.reserve(2 * len); for (size_t i = 0; i < len; ++i) { const unsigned char c = input[i]; output.push_back(lut[c
>> 4]); output.push_back(lut[c & 15]); } return output; } int main() { string SECRET_ID =
"AKIDz8krbsJ5yKBZQpn74WfkmLPx3*****"; string SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*****";
string service = "cvm"; string host = "cvm.tencentcloudapi.com"; string region = "ap-guangzhou"; string action =
"DescribeInstances"; string version = "2017-03-12"; int64_t timestamp = 1551113065; string date =
get_data(timestamp); // ***** Step 1: Concatenate the CanonicalRequest string ***** string
httpRequestMethod = "POST"; string canonicalUri = "/"; string canonicalQueryString = ""; string canonicalHeaders =
"content-type:application/json; charset=utf-8\nhost:" + host + "\n"; string signedHeaders = "content-type;host"; string
payload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name\": \"instance-name\"}] }"; string
hashedRequestPayload = sha256Hex(payload); string canonicalRequest = httpRequestMethod + "\n" + canonicalUri
+ "\n" + canonicalQueryString + "\n" + canonicalHeaders + "\n" + signedHeaders + "\n" + hashedRequestPayload;
cout << canonicalRequest << endl; cout << "-----" << endl; // ***** Step 2: Concatenate the string
to sign ***** string algorithm = "TC3-HMAC-SHA256"; string RequestTimestamp = int2str(timestamp); string
credentialScope = date + "/" + service + "/" + "tc3_request"; string hashedCanonicalRequest =
sha256Hex(canonicalRequest); string stringToSign = algorithm + "\n" + RequestTimestamp + "\n" + credentialScope
+ "\n" + hashedCanonicalRequest; cout << stringToSign << endl; cout << "-----" << endl; // *****
Step 3: Calculate the signature ***** string kKey = "TC3" + SECRET_KEY; string kDate =
HmacSha256(kKey, date); string kService = HmacSha256(kDate, service); string kSigning = HmacSha256(kService,
"tc3_request"); string signature = HexEncode(HmacSha256(kSigning, stringToSign)); cout << signature << endl; cout
<< "-----" << endl; // ***** Step 4: Concatenate the Authorization ***** string authorization
= algorithm + " " + "Credential=" + SECRET_ID + "/" + credentialScope + ", " + "SignedHeaders=" + signedHeaders +
", " + "Signature=" + signature; cout << authorization << endl; cout << "-----" << endl; string headers =
"curl -X POST https://" + host + "\n" + "-H \"Authorization: " + authorization + "\n" + "-H \"Content-Type:
application/json; charset=utf-8\"" + "\n" + "-H \"Host: " + host + "\n" + "-H \"X-TC-Action: " + action + "\n" + "-H \"X-TC-
Timestamp: " + RequestTimestamp + "\n" + "-H \"X-TC-Version: " + version + "\n" + "-H \"X-TC-Region: " + region +
"\n" + "-d " + payload; cout << headers << endl; return 0; };` ## Signature Failure The following situational error
codes for signature failure may occur. Please resolve the errors accordingly. | Error Code | Description | |-----|-----
--| | AuthFailure.SignatureExpire | Signature expired. Timestamp and server time cannot differ by more than five
minutes. | | AuthFailure.SecretIdNotFound | The key does not exist. Please go to the console to check whether it is
disabled or you copied fewer or more characters. | | AuthFailure.SignatureFailure | Signature error. It is possible that
the signature was calculated incorrectly, the signature does not match the content actually sent, or the SecretKey is

```

---

incorrect. | | AuthFailure.TokenFailure | Temporary certificate token error. | | AuthFailure.InvalidSecretId | Invalid key (not a TencentCloud API key type). |

# Signature

Last updated : 2022-08-02 15:42:22

Tencent Cloud API authenticates each access request, i.e. each request needs to include authentication information (Signature) in the common parameters to verify the identity of the requester.

The Signature is generated by the security credentials which include SecretId and SecretKey. If you don't have the security credentials yet, go to the [TencentCloud API Key](#) page to apply for them; otherwise, you cannot invoke the TencentCloud API.

## 1. Applying for Security Credentials

Before using the TencentCloud API for the first time, go to the [TencentCloud API Key](#) page to apply for security credentials.

Security credentials consist of SecretId and SecretKey:

- SecretId is used to identify the API requester.
- SecretKey is used to encrypt the signature string and verify it on the server.
- **You must keep your security credentials private and avoid disclosure.**

You can apply for the security credentials through the following steps:

1. Log in to the [Tencent Cloud Console](#).
2. Go to the [TencentCloud API Key](#) page.
3. On the [API Key Management](#) page, click **Create Key** to create a SecretId/SecretKey pair.

Note: Each account can have up to two pairs of SecretId/SecretKey.

## 2. Generating a Signature

With the SecretId and SecretKey, a signature can be generated. The following describes how to generate a signature:

Assume that the SecretId and SecretKey are:

- SecretId: AKIDz8krbsJ5yKBZQpn74WFkmLPx3\*\*\*\*\*
- SecretKey: Gu5t9xGARNpq86cd98joQYCN3\*\*\*\*\*

**Note: This is just an example. For actual operations, please use your own SecretId and SecretKey.**



Take the Cloud Virtual Machine's request to view the instance list (DescribeInstances) as an example. When you invoke this API, the request parameters may be as follows:

| Parameter name | Description                          | Parameter value                    |
|----------------|--------------------------------------|------------------------------------|
| Action         | Method name                          | DescribeInstances                  |
| SecretId       | Key ID                               | AKIDz8krbsJ5yKBZQpn74WFkmLPx3***** |
| Timestamp      | Current timestamp                    | 1465185768                         |
| Nonce          | Random positive integer              | 11886                              |
| Region         | Region where the instance is located | ap-guangzhou                       |
| InstanceIds.0  | ID of the instance to query          | ins-09dx96dg                       |
| Offset         | Offset                               | 0                                  |
| Limit          | Allowed maximum output               | 20                                 |
| Version        | API version number                   | 2017-03-12                         |

## 2.1. Sorting Parameters

First, sort all the request parameters in an ascending lexicographical order (ASCII code) by their names. Notes: (1) Parameters are sorted by their names instead of their values; (2) The parameters are sorted based on ASCII code, not in an alphabetical order or by values. For example, InstanceIds.2 should be arranged after InstanceIds.12. You can complete the sorting process using a sorting function in a programming language, such as the ksort function in PHP. The parameters in the example are sorted as follows:

```
{
  'Action' : 'DescribeInstances',
  'InstanceIds.0' : 'ins-09dx96dg',
  'Limit' : 20,
  'Nonce' : 11886,
  'Offset' : 0,
  'Region' : 'ap-guangzhou',
  'SecretId' : 'AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****',
  'Timestamp' : 1465185768,
  'Version': '2017-03-12',
}
```

When developing in another programming language, you can sort these sample parameters and it will work as long as you obtain the same results.

## 2.2. Concatenating a Request String

This step generates a request string.

Format the request parameters sorted in the previous step into the form of "parameter name"="parameter value". For example, for the Action parameter, its parameter name is "Action" and its parameter value is "DescribeInstances", so it will become Action=DescribeInstances after formatted.

**Note: The "parameter value" is the original value but not the value after URL encoding.**

Then, concatenate the formatted parameters with "&". The resulting request string is as follows:

```
Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0
&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****&Timestamp=1465
185768&Version=2017-03-12
```

## 2.3. Concatenating the Signature Original String

This step generates a signature original string.

The signature original string consists of the following parameters:

1. HTTP method: POST and GET modes are supported, and GET is used here for the request. Please note that the method name should be in all capital letters.
2. Request server: the domain name of the request to view the list of instances (DescribeInstances) is cvm.tencentcloudapi.com. The actual request domain name varies by the module to which the API belongs. For more information, see the instructions of the specific API.
3. Request path: The request path in the current version of TencentCloud API is fixed to /.
4. Request string: the request string generated in the previous step.

The concatenation rule of the signature original string is: Request method + request host + request path + ? + request string

The concatenation result of the example is:

```
GETcvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&L
imit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5yKBZQpn74WF
kmLPx3*****&Timestamp=1465185768&Version=2017-03-12
```

## 2.4. Generating a Signature String

This step generates a signature string.

First, use the HMAC-SHA1 algorithm to sign the **signature original string** obtained in the previous step, and then

encode the generated signature using Base64 to obtain the final signature.

The specific code is as follows with the PHP language being used as an example:

```
$secretKey = 'Gu5t9xGARNpq86cd98joQYCN3*****';  
$srcStr = 'GETcvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins  
-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5  
yKBZQpn74WFkmLPx3*****&Timestamp=1465185768&Version=2017-03-12';  
$signStr = base64_encode(hash_hmac('sha1', $srcStr, $secretKey, true));  
echo $signStr;
```

The final signature is:

```
zmmjn35mikh6pM3V7sUEuX4wyYM=
```

When developing in another programming language, you can sign and verify the original in the example above and it works as long as you get the same results.

### 3. Encoding a Signature String

The generated signature string cannot be directly used as a request parameter and must be URL encoded.

For example, if the signature string generated in the previous step is zmmjn35mikh6pM3V7sUEuX4wyYM=, the final signature string request parameter (Signature) is zmmjn35mikh6pM3V7sUEuX4wyYM%3D, which will be used to generate the final request URL.

**Note:** If your request method is GET, or the request method is POST and the Content-Type is application/x-www-form-urlencoded, then all the request parameter values need to be URL encoded (except the parameter key and the symbol of =) when sending the request. Non-ASCII characters need to be encoded with UTF-8 before URL encoding.

**Note:** The network libraries of some programming languages automatically URL encode all parameters, in which case there is no need to URL encode the signature string; otherwise, two rounds of URL encoding will cause the signature to fail.

**Note:** Other parameter values also need to be encoded using [RFC 3986](#). Use %XY in percent-encoding for special characters such as Chinese characters, where "X" and "Y" are hexadecimal characters (0-9 and uppercase A-F), and using lowercase will cause an error.

### 4. Signature Failure

The following situational error codes for signature failure may occur. Please resolve the errors accordingly.

| Error code                   | Error description                             |
|------------------------------|-----------------------------------------------|
| AuthFailure.SignatureExpire  | The signature is expired                      |
| AuthFailure.SecretIdNotFound | The key does not exist                        |
| AuthFailure.SignatureFailure | Signature error                               |
| AuthFailure.TokenFailure     | Token error                                   |
| AuthFailure.InvalidSecretId  | Invalid key (not a TencentCloud API key type) |

## 5. Signature Demo

When calling API 3.0, you are recommended to use the corresponding Tencent Cloud SDK 3.0 which encapsulates the signature process, enabling you to focus on only the specific APIs provided by the product when developing. See [SDK Center](#) for more information. Currently, the following programming languages are supported:

- [Python](#)
- [Java](#)
- [PHP](#)
- [Go](#)
- [NodeJS](#)
- [.NET](#)

To further explain the signing process, we will use a programming language to implement the process described above. The request domain name, API and parameter values in the sample are used here. This goal of this example is only to provide additional clarification for the signature process, please see the SDK for actual usage.

The final output URL might be: `https://cvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****&Signature=zmmjn35mikh6pM3V7sUEuX4wyYM%3D&Timestamp=1465185768&Version=2017-03-12` .

Note: The key in the example is fictitious, and the timestamp is not the current time of the system, so if this URL is opened in the browser or called using commands such as curl, an authentication error will be returned: Signature expired. In order to get a URL that can work properly, you need to replace the SecretId and SecretKey in the example with your real credentials and use the current time of the system as the Timestamp.

Note: In the example below, even if you use the same programming language, the order of the parameters in the URL may be different for each execution. However, the order does not matter, as long as all the parameters are included in the URL and the signature is calculated correctly.

Note: The following code is only applicable to API 3.0. It cannot be directly used in other signature processes. Even with an older API, signature calculation errors may occur due to the differences in details. Please refer to the corresponding documentation.

## Java

```
import java.io.UnsupportedEncodingException;
import java.net.URLEncoder;
import java.util.Random;
import java.util.TreeMap;
import javax.crypto.Mac;
import javax.crypto.spec.SecretKeySpec;
import javax.xml.bind.DatatypeConverter;

public class TencentCloudAPIDemo {
    private final static String CHARSET = "UTF-8";

    public static String sign(String s, String key, String method) throws Exception {
        Mac mac = Mac.getInstance(method);
        SecretKeySpec secretKeySpec = new SecretKeySpec(key.getBytes(CHARSET), mac.getAlgorithm());
        mac.init(secretKeySpec);
        byte[] hash = mac.doFinal(s.getBytes(CHARSET));
        return DatatypeConverter.printBase64Binary(hash);
    }

    public static String getStringToSign(TreeMap<String, Object> params) {
        StringBuilder s2s = new StringBuilder("GETcvm.tencentcloudapi.com/?");
        // When signing, the parameters need to be sorted in lexicographical order. TreeMap
        // is used here to guarantee the correct order.
        for (String k : params.keySet()) {
            s2s.append(k).append("=").append(params.get(k).toString()).append("&");
        }
        return s2s.toString().substring(0, s2s.length() - 1);
    }

    public static String getUrl(TreeMap<String, Object> params) throws UnsupportedEncodingException {
        StringBuilder url = new StringBuilder("https://cvm.tencentcloudapi.com/?");
        // There is no requirement for the order of the parameters in the actual request
        // URL.
        for (String k : params.keySet()) {
```

```
// The request string needs to be URL encoded. As the Key is all in English letters, only the value is URL encoded here.
url.append(k).append("=").append(URLEncoder.encode(params.get(k).toString(), CHARSET)).append("&");
}
return url.toString().substring(0, url.length() - 1);
}

public static void main(String[] args) throws Exception {
    TreeMap<String, Object> params = new TreeMap<String, Object>(); // TreeMap enables automatic sorting
    // A random number should be used when actually calling, for example: params.put("Nonce", new Random().nextInt(Integer.MAX_VALUE));
    params.put("Nonce", 11886); // Common parameter
    // The current time of the system should be used when actually calling, for example: params.put("Timestamp", System.currentTimeMillis() / 1000);
    params.put("Timestamp", 1465185768); // Common parameter
    params.put("SecretId", "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****"); // Common parameter
    params.put("Action", "DescribeInstances"); // Common parameter
    params.put("Version", "2017-03-12"); // Common parameter
    params.put("Region", "ap-guangzhou"); // Common parameter
    params.put("Limit", 20); // Business parameter
    params.put("Offset", 0); // Business parameter
    params.put("InstanceIds.0", "ins-09dx96dg"); // Business parameter
    params.put("Signature", sign(getStringToSign(params), "Gu5t9xGARNpq86cd98joQYCN3*****", "HmacSHA1")); // Common parameter
    System.out.println(getUrl(params));
}
}
```

## Python

Note: If running in a Python 2 environment, the following requests dependency package must be installed first: `pip install requests`.

```
# -*- coding: utf8 -*-
import base64
import hashlib
import hmac
import time

import requests

secret_id = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****"
secret_key = "Gu5t9xGARNpq86cd98joQYCN3*****"
```

```

def get_string_to_sign(method, endpoint, params):
    s = method + endpoint + "/"
    query_str = "&".join("%s=%s" % (k, params[k]) for k in sorted(params))
    return s + query_str

def sign_str(key, s, method):
    hmac_str = hmac.new(key.encode("utf8"), s.encode("utf8"), method).digest()
    return base64.b64encode(hmac_str)

if __name__ == '__main__':
    endpoint = "cvm.tencentcloudapi.com"
    data = {
        'Action' : 'DescribeInstances',
        'InstanceIds.0' : 'ins-09dx96dg',
        'Limit' : 20,
        'Nonce' : 11886,
        'Offset' : 0,
        'Region' : 'ap-guangzhou',
        'SecretId' : secret_id,
        'Timestamp' : 1465185768, # int(time.time())
        'Version': '2017-03-12'
    }
    s = get_string_to_sign("GET", endpoint, data)
    data["Signature"] = sign_str(secret_key, s, hashlib.sha1)
    print(data["Signature"])
    # An actual invocation would occur here, which may incur fees after success
    # resp = requests.get("https://" + endpoint, params=data)
    # print(resp.url)

```

## Golang

```

package main

import (
    "bytes"
    "crypto/hmac"
    "crypto/sha1"
    "encoding/base64"
    "fmt"
    "sort"
)

func main() {
    secretId := "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****"
    secretKey := "Gu5t9xGARNpq86cd98joQYCN3*****"

```

```

params := map[string]string{
    "Nonce": "11886",
    "Timestamp": "1465185768",
    "Region": "ap-guangzhou",
    "SecretId": secretId,
    "Version": "2017-03-12",
    "Action": "DescribeInstances",
    "InstanceIds.0": "ins-09dx96dg",
    "Limit": "20",
    "Offset": "0",
}

var buf bytes.Buffer
buf.WriteString("GET")
buf.WriteString("cvm.tencentcloudapi.com")
buf.WriteString("/")
buf.WriteString("?")

// sort keys by ascii asc order
keys := make([]string, 0, len(params))
for k, _ := range params {
    keys = append(keys, k)
}
sort.Strings(keys)

for i := range keys {
    k := keys[i]
    buf.WriteString(k)
    buf.WriteString("=")
    buf.WriteString(params[k])
    buf.WriteString("&")
}
buf.Truncate(buf.Len() - 1)

hashed := hmac.New(sha1.New, []byte(secretKey))
hashed.Write(buf.Bytes())

fmt.Println(base64.StdEncoding.EncodeToString(hashed.Sum(nil)))
}

```

## PHP

```

<?php
$secretId = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****";
$secretKey = "Gu5t9xGARNpq86cd98joQYCN3*****";
$params["Nonce"] = 11886;//rand();

```



```

$params["Timestamp"] = 1465185768;//time();
$params["Region"] = "ap-guangzhou";
$params["SecretId"] = $secretId;
$params["Version"] = "2017-03-12";
$params["Action"] = "DescribeInstances";
$params["InstanceIds.0"] = "ins-09dx96dg";
$params["Limit"] = 20;
$params["Offset"] = 0;

ksort($params);

$signStr = "GETcvm.tencentcloudapi.com/?";
foreach ( $params as $key => $value ) {
    $signStr = $signStr . $key . "=" . $value . "&";
}
$signStr = substr($signStr, 0, -1);

$signature = base64_encode(hash_hmac("sha1", $signStr, $secretKey, true));
echo $signature.PHP_EOL;
// need to install and enable curl extension in php.ini
// $params["Signature"] = $signature;
// $url = "https://cvm.tencentcloudapi.com/?".http_build_query($params);
// echo $url.PHP_EOL;
// $ch = curl_init();
// curl_setopt($ch, CURLOPT_URL, $url);
// $output = curl_exec($ch);
// curl_close($ch);
// echo json_decode($output);

```

## Ruby

```

# -*- coding: UTF-8 -*-
# require ruby>=2.3.0
require 'time'
require 'openssl'
require 'base64'

secret_id = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****"
secret_key = "Gu5t9xGARNpq86cd98joQYCN3*****"

method = 'GET'
endpoint = 'cvm.tencentcloudapi.com'
data = {
  'Action' => 'DescribeInstances',
  'InstanceIds.0' => 'ins-09dx96dg',
  'Limit' => 20,

```

```

'Nonce' => 11886,
'Offset' => 0,
'Region' => 'ap-guangzhou',
'SecretId' => secret_id,
'Timestamp' => 1465185768, # Time.now.to_i
'Version' => '2017-03-12',
}
sign = method + endpoint + '/'?
params = []
data.sort.each do |item|
  params << "#{item[0]}=#{item[1]}"
end
sign += params.join('&')
digest = OpenSSL::Digest.new('sha1')
data['Signature'] = Base64.encode64(OpenSSL::HMAC.digest(digest, secret_key, sign))
puts data['Signature']

# require 'net/http'
# uri = URI('https://' + endpoint)
# uri.query = URI.encode_www_form(data)
# p uri
# res = Net::HTTP.get_response(uri)
# puts res.body

```

## DotNet

```

using System;
using System.Collections.Generic;
using System.Net;
using System.Security.Cryptography;
using System.Text;

public class Application {
    public static string Sign(string signKey, string secret)
    {
        string signRet = string.Empty;
        using (HMACSHA1 mac = new HMACSHA1(Encoding.UTF8.GetBytes(signKey)))
        {
            byte[] hash = mac.ComputeHash(Encoding.UTF8.GetBytes(secret));
            signRet = Convert.ToBase64String(hash);
        }
        return signRet;
    }

    public static string MakeSignPlainText(SortedDictionary<string, string> requestParams, string requestMethod, string requestHost, string requestPath)

```

```
{
    string retStr = "";
    retStr += requestMethod;
    retStr += requestHost;
    retStr += requestPath;
    retStr += "?";
    string v = "";
    foreach (string key in requestParams.Keys)
    {
        v += string.Format("{0}={1}&", key, requestParams[key]);
    }
    retStr += v.TrimEnd('&');
    return retStr;
}

public static void Main(string[] args)
{
    string SECRET_ID = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****";
    string SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*****";

    string endpoint = "cvm.tencentcloudapi.com";
    string region = "ap-guangzhou";
    string action = "DescribeInstances";
    string version = "2017-03-12";
    double RequestTimestamp = 1465185768;
    // long timestamp = ToTimestamp() / 1000;
    // string requestTimestamp = timestamp.ToString();
    Dictionary<string, string> param = new Dictionary<string, string>();
    param.Add("Limit", "20");
    param.Add("Offset", "0");
    param.Add("InstanceIds.0", "ins-09dx96dg");
    param.Add("Action", action);
    param.Add("Nonce", "11886");
    // param.Add("Nonce", Math.Abs(new Random().Next()).ToString());

    param.Add("Timestamp", RequestTimestamp.ToString());
    param.Add("Version", version);

    param.Add("SecretId", SECRET_ID);
    param.Add("Region", region);
    SortedDictionary<string, string> headers = new SortedDictionary<string, string>(p
aram, StringComparer.Ordinal);
    string sigInParam = MakeSignPlainText(headers, "GET", endpoint, "/");
    Console.WriteLine(sigInParam);
    string sigOutParam = Sign(SECRET_KEY, sigInParam);
```

```

Console.WriteLine("GET https://cvm.tencentcloudapi.com");
foreach (KeyValuePair<string, string> kv in headers)
{
    Console.WriteLine(kv.Key + ": " + kv.Value);
}
Console.WriteLine("Signature" + ": " + WebUtility.UrlEncode(sigOutParam));
Console.WriteLine();

string result = "https://cvm.tencentcloudapi.com/?";
foreach (KeyValuePair<string, string> kv in headers)
{
    result += WebUtility.UrlEncode(kv.Key) + "=" + WebUtility.UrlEncode(kv.Value) +
"&";
}
result += WebUtility.UrlEncode("Signature") + "=" + WebUtility.UrlEncode(sigOutPa
ram);
Console.WriteLine("GET " + result);
}
}

```

## NodeJS

```

const crypto = require('crypto');

function get_req_url(params, endpoint){
    params['Signature'] = escape(params['Signature']);
    const url_strParam = sort_params(params)
    return "https://" + endpoint + "/" + url_strParam.slice(1);
}

function formatSignString(reqMethod, endpoint, path, strParam){
    let strSign = reqMethod + endpoint + path + "?" + strParam.slice(1);
    return strSign;
}

function sha1(secretKey, strsign){
    let signMethodMap = {'HmacSHA1': "sha1"};
    let hmac = crypto.createHmac(signMethodMap['HmacSHA1'], secretKey || "");
    return hmac.update(Buffer.from(strsign, 'utf8')).digest('base64')
}

function sort_params(params) {
    let strParam = "";
    let keys = Object.keys(params);
    keys.sort();
    for (let k in keys) {
        //k = k.replace(/_/g, '.');
    }
}

```

```
strParam += ("&" + keys[k] + "=" + params[keys[k]]);
}
return strParam
}

function main(){
const SECRET_ID = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*****"
const SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*****"

const endpoint = "cvm.tencentcloudapi.com"
const Region = "ap-guangzhou"
const Version = "2017-03-12"
const Action = "DescribeInstances"
const Timestamp = 1465185768
// const Timestamp = Math.round(Date.now() / 1000)
const Nonce = 11886
//const nonce = Math.round(Math.random() * 65535)

let params = {};
params['Action'] = Action;
params['InstanceIds.0'] = 'ins-09dx96dg';
params['Limit'] = 20;
params['Offset'] = 0;
params['Nonce'] = Nonce;
params['Region'] = Region;
params['SecretId'] = SECRET_ID;
params['Timestamp'] = Timestamp;
params['Version'] = Version;

strParam = sort_params(params)

const reqMethod = "GET";
const path = "/";
strSign = formatSignString(reqMethod, endpoint, path, strParam)
console.log(strSign)
console.log("-----")

params['Signature'] = sha1(SECRET_KEY, strSign)
console.log(params['Signature'])
console.log("-----")

const req_url = get_req_url(params, endpoint)
console.log(params['Signature'])
console.log("-----")
console.log(req_url)
}
main()
```



# Responses

Last updated : 2022-08-02 15:42:22

## Response for Successful Requests

For example, when calling CAM API (version: 2017-03-12) to view the status of instances (DescribeInstancesStatus), if the request has succeeded, you may see the response as shown below:

```
{
  "Response": {
    "TotalCount": 0,
    "InstanceStatusSet": [],
    "RequestId": "b5b41468-520d-4192-b42f-595cc34b6c1c"
  }
}
```

- The API will return `Response` , which contains `RequestId` , as long as it processes the request. It does not matter if the request is successful or not.
- RequestId is the unique ID of an API request. Contact us with this ID when an exception occurs.
- Except for the fixed fields, all fields are action-specified. For the definitions of action-specified fields, see the corresponding API documentation. In this example, `TotalCount` and `InstanceStatusSet` are the fields specified by the API `DescribeInstancesStatus` . `0` `TotalCount` means that the requester owns 0 CVM instance so the `InstanceStatusSet` is empty.

## Response for Failed Requests

If the request has failed, you may see the response as shown below:

```
{
  "Response": {
    "Error": {
      "Code": "AuthFailure.SignatureFailure",
      "Message": "The provided credentials could not be validated. Please ensure your signature is correct."
    },
    "RequestId": "ed93f3cb-f35e-473f-b9f3-0d451b8b79c6"
  }
}
```

- The presence of the `Error` field indicates that the request has failed. A response for a failed request will include `Error`, `Code` and `Message` fields.
- `Code` is the code of the error that helps you identify the cause and solution. There are two types of error codes so you may find the code in either common error codes or API-specified error codes.
- `Message` explains the cause of the error. Note that the returned messages are subject to service updates. The information the messages provide may not be up-to-date and should not be the only source of reference.
- `RequestId` is the unique ID of an API request. Contact us with this ID when an exception occurs.

## Common Error Codes

If there is an `Error` field in the response, it means that the API call failed. The `Code` field in `Error` indicates the error code. The following table lists the common error codes that all actions can return.

| Error Code                                     | Description                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <code>AuthFailure.InvalidSecretId</code>       | Invalid key (not a TencentCloud API key type).                                                                    |
| <code>AuthFailure.MFAFailure</code>            | MFA failed.                                                                                                       |
| <code>AuthFailure.SecretIdNotFound</code>      | The key does not exist.                                                                                           |
| <code>AuthFailure.SignatureExpire</code>       | Signature expired.                                                                                                |
| <code>AuthFailure.SignatureFailure</code>      | Signature error.                                                                                                  |
| <code>AuthFailure.TokenFailure</code>          | Token error.                                                                                                      |
| <code>AuthFailure.UnauthorizedOperation</code> | The request does not have CAM authorization.                                                                      |
| <code>DryRunOperation</code>                   | DryRun Operation. It means that the request would have succeeded, but the <code>DryRun</code> parameter was used. |
| <code>FailedOperation</code>                   | Operation failed.                                                                                                 |
| <code>InternalError</code>                     | Internal error.                                                                                                   |
| <code>InvalidAction</code>                     | The API does not exist.                                                                                           |
| <code>InvalidParameter</code>                  | Incorrect parameter.                                                                                              |
| <code>InvalidParameterValue</code>             | Invalid parameter value.                                                                                          |
| <code>LimitExceeded</code>                     | Quota limit exceeded.                                                                                             |
| <code>MissingParameter</code>                  | A parameter is missing.                                                                                           |



|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| NoSuchVersion         | The API version does not exist.                                       |
| RequestLimitExceeded  | The number of requests exceeds the frequency limit.                   |
| ResourceInUse         | Resource is in use.                                                   |
| ResourceInsufficient  | Insufficient resource.                                                |
| ResourceNotFound      | The resource does not exist.                                          |
| ResourceUnavailable   | Resource is unavailable.                                              |
| UnauthorizedOperation | Unauthorized operation.                                               |
| UnknownParameter      | Unknown parameter.                                                    |
| UnsupportedOperation  | Unsupported operation.                                                |
| UnsupportedProtocol   | HTTPS request method error. Only GET and POST requests are supported. |
| UnsupportedRegion     | API does not support the requested region.                            |

# Batch Operation APIs

## CreateDomainBatch

Last updated : 2023-03-20 11:02:15

### 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to bulk add domains.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

### 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type            | Description                                                                                                                                                                                             |
|----------------|----------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String          | <a href="#">Common Params</a> . The value used for this API: CreateDomainBatch.                                                                                                                         |
| Version        | Yes      | String          | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                |
| Region         | No       | String          | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                            |
| DomainList.N   | Yes      | Array of String | Domain array                                                                                                                                                                                            |
| RecordValue    | No       | String          | Add A records of @ and www for each domain with the record value of the IP. If this parameter is not passed in or is set to an empty string or null, only the domain but not the records will be added. |

### 3. Output Parameters

| Parameter Name | Type                                             | Description                                                                                              |
|----------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| DetailList     | Array of <a href="#">CreateDomainBatchDetail</a> | Information of the bulk added domains                                                                    |
| JobId          | Integer                                          | Bulk task ID                                                                                             |
| RequestId      | String                                           | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Bulk adding domains

This example shows you how to bulk add domains.

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateDomainBatch
<Common request parameters>

{
  "DomainList": [
    "tencent1.com",
    "tencent2.com"
  ],
  "RecordValue": "11.22.33.44"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "DetailList": [
      {
        "RecordList": [
```

```
{
  "RecordLine": "Default",
  "TTL": 600,
  "Id": 0,
  "SubDomain": "test",
  "RecordType": "A",
  "Value": "11.22.33.45",
  "ErrMsg": null,
  "Status": "waiting",
  "Operation": "plus"
},
{
  "RecordLine": "Default",
  "TTL": 600,
  "Id": 1,
  "SubDomain": "@",
  "RecordType": "A",
  "Value": "11.22.33.45",
  "ErrMsg": null,
  "Status": "waiting",
  "Operation": "plus"
}
],
"Id": 0,
"Domain": "tencent12.com",
"DomainGrade": "DP_FREE",
"ErrMsg": null,
"Status": "waiting",
"Operation": "plus"
},
{
  "RecordList": [
    {
      "RecordLine": "Default",
      "TTL": 600,
      "Id": 0,
      "SubDomain": "test",
      "RecordType": "A",
      "Value": "11.22.33.45",
      "ErrMsg": null,
      "Status": "waiting",
      "Operation": "plus"
    },
    {
      "RecordLine": "Default",
      "TTL": 600,
      "Id": 1,
```

```
"SubDomain": "@",
"RecordType": "A",
"Value": "11.22.33.45",
"ErrMsg": null,
"Status": "waiting",
"Operation": "plus"
}
],
"Id": 1,
"Domain": "tencent13.com",
"DomainGrade": "DP_FREE",
"ErrMsg": null,
"Status": "waiting",
"Operation": "plus"
}
],
"JobId": 30
}
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                    | Description                                                                                                                                                           |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FailedOperation                               | The operation failed.                                                                                                                                                 |
| FailedOperation.DomainIsLocked                | You cannot perform this operation on a locked domain.                                                                                                                 |
| FailedOperation.DomainIsSpam                  | You cannot perform this operation on a banned domain.                                                                                                                 |
| InvalidParameter.BatchDomainCreateActionError | Failed to bulk create domains. Cause: Internal error.                                                                                                                 |
| InvalidParameter.BatchTaskCountLimit          | The number of tasks exceeds the upper limit.                                                                                                                          |
| InvalidParameter.DomainIdInvalid              | The domain number is incorrect.                                                                                                                                       |
| InvalidParameter.DomainInvalid                | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                                                                                                  |
| InvalidParameter.DomainIsAliaser              | This domain is an alias of another domain.                                                                                                                            |
| InvalidParameter.DomainsEmpty                 | No domains have been submitted.                                                                                                                                       |
| InvalidParameter.JobGreaterThanLimit          | The number of tasks exceeds the upper limit.                                                                                                                          |
| InvalidParameter.RecordValueInvalid           | The record value is incorrect.                                                                                                                                        |
| InvalidParameter.RecordValueLengthInvalid     | The DNS record value is too long.                                                                                                                                     |
| InvalidParameter.TooManyInvalidDomains        | The current account has too many invalid domains and is unable to use this feature. Point the DNS server of existing domains to DNSPod correctly and try adding them. |
| InvalidParameterValue.DomainNotExists         | The current domain is incorrect. Return to the previous step and try again.                                                                                           |
| OperationDenied.IPInBlacklistNotAllowed       | Sorry, you cannot add a blocked IP.                                                                                                                                   |
| RequestLimitExceeded.BatchTaskLimit           | Too many tasks have been added for your IP. Try again later.                                                                                                          |
| RequestLimitExceeded.CreateDomainLimit        | A great number of domains have been added under your account in a short period of time. Control the frequency of adding domains.                                      |
| RequestLimitExceeded.RequestLimitExceeded     | The number of API requests exceeds the limit.                                                                                                                         |

# CreateRecordBatch

Last updated : 2023-03-20 11:02:15

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to bulk add records.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type                                    | Description                                                                     |
|----------------|----------|-----------------------------------------|---------------------------------------------------------------------------------|
| Action         | Yes      | String                                  | <a href="#">Common Params</a> . The value used for this API: CreateRecordBatch. |
| Version        | Yes      | String                                  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.        |
| Region         | No       | String                                  | <a href="#">Common Params</a> . This parameter is not required for this API.    |
| DomainIdList.N | Yes      | Array of String                         | Domain ID. Separate multiple ones by comma.                                     |
| RecordList.N   | Yes      | Array of <a href="#">AddRecordBatch</a> | Record array                                                                    |

## 3. Output Parameters

| Parameter Name | Type                                             | Description                                                                                              |
|----------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| DetailList     | Array of <a href="#">CreateRecordBatchDetail</a> | Information of the bulk added domains                                                                    |
| JobId          | Integer                                          | Bulk task ID                                                                                             |
| RequestId      | String                                           | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Bulk adding records

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRecordBatch
<Common request parameters>

{
  "DomainIdList": [
    49,
    53
  ],
  "RecordList": [
    {
      "SubDomain": "aa,bb",
      "RecordType": "A",
      "RecordLine": "Default",
      "Value": "11.22.33.44",
      "TTL": 600
    }
  ]
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
```



```
"DetailList": [  
  {  
    "RecordList": [  
      {  
        "RecordLine": "Default",  
        "TTL": "600",  
        "Id": 0,  
        "SubDomain": "www",  
        "RecordType": "A",  
        "Value": "1.2.3.4",  
        "ErrMsg": null,  
        "Status": "waiting",  
        "Operation": "plus"  
      },  
      {  
        "RecordLine": "Default",  
        "TTL": "600",  
        "Id": 1,  
        "SubDomain": "wap",  
        "RecordType": "A",  
        "Value": "1.2.3.4",  
        "ErrMsg": null,  
        "Status": "waiting",  
        "Operation": "plus"  
      },  
      {  
        "RecordLine": "Default",  
        "TTL": "600",  
        "Id": 2,  
        "SubDomain": "bbs",  
        "RecordType": "A",  
        "Value": "1.2.3.4",  
        "ErrMsg": null,  
        "Status": "waiting",  
        "Operation": "plus"  
      }  
    ],  
    "Id": 0,  
    "DomainId": 48,  
    "Domain": "dnsapi6.cn",  
    "DomainGrade": "DP_PLUS",  
    "ErrMsg": null,  
    "Status": "waiting",  
    "Operation": null  
  },  
  {  
    "RecordList": [  

```

```
{
  "RecordLine": "Default",
  "TTL": "600",
  "Id": 0,
  "SubDomain": "www",
  "RecordType": "A",
  "Value": "1.2.3.4",
  "ErrMsg": null,
  "Status": "waiting",
  "Operation": "plus"
},
{
  "RecordLine": "Default",
  "TTL": "600",
  "Id": 1,
  "SubDomain": "wap",
  "RecordType": "A",
  "Value": "1.2.3.4",
  "ErrMsg": null,
  "Status": "waiting",
  "Operation": "plus"
},
{
  "RecordLine": "Default",
  "TTL": "600",
  "Id": 2,
  "SubDomain": "bbs",
  "RecordType": "A",
  "Value": "1.2.3.4",
  "ErrMsg": null,
  "Status": "waiting",
  "Operation": "plus"
}
],
  "Id": 1,
  "DomainId": 49,
  "Domain": "dnsapi1.cn",
  "DomainGrade": "DP_FREE",
  "ErrMsg": null,
  "Status": "waiting",
  "Operation": null
}
],
  "JobId": 34
}
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                    | Description                                                          |
|-----------------------------------------------|----------------------------------------------------------------------|
| FailedOperation.DomainsIsLocked               | You cannot perform this operation on a locked domain.                |
| FailedOperation.DomainsIsSpam                 | You cannot perform this operation on a banned domain.                |
| InvalidParameter.BatchRecordCreateActionError | Failed to bulk create records. Cause: Internal error.                |
| InvalidParameter.BatchTaskCountLimit          | The number of tasks exceeds the upper limit.                         |
| InvalidParameter.DomainIdInvalid              | The domain number is incorrect.                                      |
| InvalidParameter.DomainInvalid                | The domain is incorrect. Enter a top-level domain such as dnspod.cn. |
| InvalidParameter.DomainsIsAliaser             | This domain is an alias of another domain.                           |
| InvalidParameter.DomainsEmpty                 | No domains have been submitted.                                      |
| InvalidParameter.JobGreaterThanLimit          | The number of tasks exceeds the upper limit.                         |

|                                           |                                                                                                                                  |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| InvalidParameter.ParamsIllegal            | The parameter is invalid, so the request was rejected.                                                                           |
| InvalidParameter.RecordValueInvalid       | The record value is incorrect.                                                                                                   |
| InvalidParameter.RecordValueLengthInvalid | The DNS record value is too long.                                                                                                |
| InvalidParameter.RecordsEmpty             | No records have been submitted.                                                                                                  |
| InvalidParameterValue.DomainNotExists     | The current domain is incorrect. Return to the previous step and try again.                                                      |
| OperationDenied.IPInBlacklistNotAllowed   | Sorry, you cannot add a blocked IP.                                                                                              |
| RequestLimitExceeded.BatchTaskLimit       | Too many tasks have been added for your IP. Try again later.                                                                     |
| RequestLimitExceeded.CreateDomainLimit    | A great number of domains have been added under your account in a short period of time. Control the frequency of adding domains. |
| RequestLimitExceeded.RequestLimitExceeded | The number of API requests exceeds the limit.                                                                                    |

# DeleteDomainBatch

Last updated : 2023-03-20 11:02:15

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to batch delete domains.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type            | Description                                                                     |
|----------------|----------|-----------------|---------------------------------------------------------------------------------|
| Action         | Yes      | String          | <a href="#">Common Params</a> . The value used for this API: DeleteDomainBatch. |
| Version        | Yes      | String          | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.        |
| Region         | No       | String          | <a href="#">Common Params</a> . This parameter is not required for this API.    |
| DomainList.N   | Yes      | Array of String | The domain array.                                                               |

## 3. Output Parameters

| Parameter Name | Type | Description |
|----------------|------|-------------|
|                |      |             |

|            |                                                  |                                                                                                             |
|------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| JobId      | Integer                                          | The task ID.                                                                                                |
| DetailList | Array of <a href="#">DeleteDomainBatchDetail</a> | The array of task details.                                                                                  |
| RequestId  | String                                           | The unique request ID, which is returned for each request.<br>RequestId is required for locating a problem. |

## 4. Example

### Example1 Bulk deleting domains

This example shows you how to bulk delete domains.

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteDomainBatch
<Common request parameters>

{
  "DomainList": [
    "sdfsdfsdf.com"
  ]
}
```

#### Output Example

```
{
  "Response": {
    "DetailList": [
      {
        "Domain": "yyds999.com",
        "DomainId": 12620607,
        "Error": null,
        "Operation": "remove",
        "Status": "waiting"
      }
    ],
    "JobId": 1703509,
    "RequestId": "5090a972-50ca-4be9-abf3-a1f90e8db36c"
  }
}
```

```
}  
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                    | Description                                                          |
|-----------------------------------------------|----------------------------------------------------------------------|
| FailedOperation.UnknowError                   | The operation has no response. Try again later.                      |
| InvalidParameter.BatchRecordRemoveActionError | Failed to batch delete records. Cause: Internal error.               |
| InvalidParameter.DomainIdInvalid              | The domain number is incorrect.                                      |
| InvalidParameter.DomainInvalid                | The domain is incorrect. Enter a top-level domain such as dnspod.cn. |
| InvalidParameter.DomainsIsAliaser             | This domain is an alias of another domain.                           |
| InvalidParameter.DomainsEmpty                 | No domains have been submitted.                                      |
|                                               |                                                                      |

|                                             |                                                                                                |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                    |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                              |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list. |



# ModifyRecordBatch

Last updated : 2023-04-27 15:39:09

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to bulk modify records.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type             | Description                                                                                                                                                                                      |
|----------------|----------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String           | <a href="#">Common Params</a> . The value used for this API: <code>ModifyRecordBatch</code> .                                                                                                    |
| Version        | Yes      | String           | <a href="#">Common Params</a> . The value used for this API: <code>2021-03-23</code> .                                                                                                           |
| Region         | No       | String           | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                     |
| RecordIdList.N | Yes      | Array of Integer | Array of record IDs. You can view all DNS records and their IDs via the <code>DescribeRecordList</code> API.                                                                                     |
| Change         | Yes      | String           | The field to be modified. Valid values: <code>sub_domain</code> , <code>record_type</code> , <code>area</code> , <code>value</code> , <code>mx</code> , <code>ttl</code> , <code>status</code> . |
| ChangeTo       | Yes      | String           | The value to be changed to, which is required and subject to the <code>change</code> field.                                                                                                      |
| Value          | No       | String           | The record value to be changed to, which is required only if the <code>change</code> field is <code>record_type</code> .                                                                         |

|    |    |        |                                                                                                  |
|----|----|--------|--------------------------------------------------------------------------------------------------|
| MX | No | String | MX record priority, which is required only if the <code>Change</code> field is <code>mx</code> . |
|----|----|--------|--------------------------------------------------------------------------------------------------|

### 3. Output Parameters

| Parameter Name | Type                                             | Description                                                                                              |
|----------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| JobId          | Integer                                          | Bulk task ID                                                                                             |
| DetailList     | Array of <a href="#">ModifyRecordBatchDetail</a> | See <code>modifyRecordBatchDetail</code> .                                                               |
| RequestId      | String                                           | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Bulk modifying DNS records

This example shows you how to bulk modify DNS records.

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyRecordBatch
<Common request parameters>

{
  "RecordIdList": [
    101,
    102
  ],
  "Change": "record_type",
  "ChangeTo": "MX",
  "Value": "test.aaaaaaa.com",
  "MX": "23"
}
```

## Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "DetailList": [
      {
        "RecordList": [
          {
            "RecordLine": "Default",
            "TTL": 600,
            "MX": 21,
            "RecordId": 178,
            "SubDomain": "test",
            "RecordType": "MX",
            "Value": "test.aaaaaaa.com.",
            "Enabled": 1,
            "Status": "waiting",
            "ErrMsg": null,
            "Id": 0,
            "Operation": "edit"
          }
        ],
        "DomainId": 49,
        "Domain": "dnsapi1.cn",
        "ErrMsg": null,
        "Status": "waiting",
        "Operation": null,
        "DomainGrade": "DP_FREE",
        "Id": 0
      }
    ],
    "JobId": 67
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)

- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                           | Description                                                          |
|------------------------------------------------------|----------------------------------------------------------------------|
| FailedOperation                                      | The operation failed.                                                |
| FailedOperation.DomainIsLocked                       | You cannot perform this operation on a locked domain.                |
| FailedOperation.DomainIsSpam                         | You cannot perform this operation on a banned domain.                |
| FailedOperation.UnknowError                          | The operation has no response. Try again later.                      |
| InvalidParameter.BatchRecordModifyActionError        | Failed to bulk modify records. Cause: Internal error.                |
| InvalidParameter.BatchRecordModifyActionInvalidValue | The record value is invalid.                                         |
| InvalidParameter.BatchRecordReplaceActionError       | Failed to bulk replace records. Cause: Internal error.               |
| InvalidParameter.BatchTaskCountLimit                 | The number of tasks exceeds the upper limit.                         |
| InvalidParameter.DomainIdInvalid                     | The domain number is incorrect.                                      |
| InvalidParameter.DomainInvalid                       | The domain is incorrect. Enter a top-level domain such as dnsPod.cn. |
| InvalidParameter.DomainIsAliaser                     | This domain is an alias of another domain.                           |
| InvalidParameter.DomainsEmpty                        | No domains have been submitted.                                      |
|                                                      |                                                                      |

|                                           |                                                                                                                                  |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| InvalidParameter.JobGreaterThanLimit      | The number of tasks exceeds the upper limit.                                                                                     |
| InvalidParameter.MxInvalid                | The MX priority is incorrect.                                                                                                    |
| InvalidParameter.ParamsIllegal            | The parameter is invalid, so the request was rejected.                                                                           |
| InvalidParameter.ParamsMissing            | The parameter is incorrect.                                                                                                      |
| InvalidParameter.RecordTypeInvalid        | The record type is incorrect.                                                                                                    |
| InvalidParameter.RecordValueInvalid       | The record value is incorrect.                                                                                                   |
| InvalidParameter.RecordValueLengthInvalid | The DNS record value is too long.                                                                                                |
| InvalidParameter.RecordsEmpty             | No records have been submitted.                                                                                                  |
| InvalidParameterValue.DomainNotExists     | The current domain is incorrect. Return to the previous step and try again.                                                      |
| OperationDenied.IPInBlacklistNotAllowed   | Sorry, you cannot add a blocked IP.                                                                                              |
| RequestLimitExceeded.BatchTaskLimit       | Too many tasks have been added for your IP. Try again later.                                                                     |
| RequestLimitExceeded.CreateDomainLimit    | A great number of domains have been added under your account in a short period of time. Control the frequency of adding domains. |
| RequestLimitExceeded.RequestLimitExceeded | The number of API requests exceeds the limit.                                                                                    |

# Split Zone APIs

## DescribeRecordLineList

Last updated : 2023-04-27 15:39:08

### 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to get the split zones allowed by the domain level.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

### 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type   | Description                                                                                                                                                                                                                                                                                                                                        |
|----------------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String | <a href="#">Common Params</a> . The value used for this API: DescribeRecordLineList.                                                                                                                                                                                                                                                               |
| Version        | Yes      | String | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                                                                                                                           |
| Region         | No       | String | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                                                                                                       |
| Domain         | Yes      | String | Domain.                                                                                                                                                                                                                                                                                                                                            |
| DomainGrade    | Yes      | String | Domain level.<br>+ Original plan. Valid values: <code>D_FREE</code> (Free Plan); <code>D_PLUS</code> (Individual Plus Plan); <code>D_EXTRA</code> (Enterprise 1 Plan); <code>D_EXPERT</code> (Enterprise 2 Plan); <code>D_ULTRA</code> (Enterprise 3 Plan).<br>+ New plan. Valid values: <code>DP_FREE</code> (Free Version); <code>DP_PLUS</code> |

|          |    |         |                                                                                                                                                                                                                                                                          |
|----------|----|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |    |         | (Professional); <code>DP_EXTRA</code> (Enterprise Basic); <code>DP_EXPERT</code> (Enterprise); <code>DP_ULTRA</code> (Ultimate).                                                                                                                                         |
| DomainId | No | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

### 3. Output Parameters

| Parameter Name | Type                                   | Description                                                                                              |
|----------------|----------------------------------------|----------------------------------------------------------------------------------------------------------|
| LineList       | Array of <a href="#">LineInfo</a>      | List of split zones.                                                                                     |
| LineGroupList  | Array of <a href="#">LineGroupInfo</a> | List of split zone groups.                                                                               |
| RequestId      | String                                 | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Setting the remarks of a record

##### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRecordLineList
<Common request parameters>

{
  "Domain": "dnspod.site",
  "DomainId": 62,
  "DomainGrade": "DP_ULTRA"
}
```

##### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "LineGroupList": [
      {
        "LineId": "998=3",
        "Name": "Group 2",
        "LineList": [
          "Global",
          "The third_line",
          "The second_line"
        ],
        "Type": "user"
      },
      {
        "Name": "Northeast China",
        "LineId": "15=1",
        "LineList": [
          "China Mobile, Heilongjiang",
          "China Telecom, Heilongjiang",
          "China Unicom, Heilongjiang",
          "China Mobile, Jilin",
          "China Telecom, Jilin",
          "China Unicom, Jilin",
          "China Mobile, Liaoning",
          "China Telecom, Liaoning",
          "China Unicom, Liaoning"
        ],
        "Type": "system"
      },
      {
        "Name": "Hong Kong/Macao/Taiwan (China)",
        "LineId": "15=7",
        "LineList": [
          "Hong Kong (China)",
          "Macao (China)",
          "Taiwan (China)"
        ],
        "Type": "system"
      }
    ],
    "LineList": [
      {
        "Name": "Default",
        "LineId": "0"
      },
    ]
  }
}
```



```
{
  "Name": "Global",
  "LineId": "3=0"
},
{
  "Name": "Chinese mainland",
  "LineId": "7=0"
},
{
  "Name": "China Telecom",
  "LineId": "10=0"
},
{
  "Name": "China Unicom",
  "LineId": "10=1"
}
]
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                  | Description                                                                                                         |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| FailedOperation                             | The operation failed.                                                                                               |
| FailedOperation.LoginAreaNotAllowed         | The request was rejected due to an unusual login location of your account.                                          |
| FailedOperation.LoginFailed                 | Login failed. Check whether the account and password are correct.                                                   |
| FailedOperation.UnknowError                 | The operation has no response. Try again later.                                                                     |
| InvalidParameter.DomainIdInvalid            | The domain number is incorrect.                                                                                     |
| InvalidParameter.DomainInvalid              | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                                                |
| InvalidParameter.DomainIsAliaser            | This domain is an alias of another domain.                                                                          |
| InvalidParameter.LoginTokenIdError          | The token ID is incorrect.                                                                                          |
| InvalidParameter.LoginTokenNotExists        | The token passed in does not exist.                                                                                 |
| InvalidParameter.LoginTokenValidateFailed   | Failed to verify the token.                                                                                         |
| InvalidParameter.RequestIpLimited           | Your IP is invalid, so the request was rejected.                                                                    |
| InvalidParameter.UnrealNameUser             | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| InvalidParameter.UserNotExists              | The user does not exist.                                                                                            |
| InvalidParameterValue.DomainGradeInvalid    | The domain level is incorrect.                                                                                      |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                                         |
| InvalidParameterValue.UserIdInvalid         | The user number is incorrect.                                                                                       |
| LimitExceeded.FailedLoginLimitExceeded      | Your account has been banned by the system due to excessive failed login attempts.                                  |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                      |
| OperationDenied.NotAgent                    | You are not a proxy user.                                                                                           |

|                                           |                                               |
|-------------------------------------------|-----------------------------------------------|
| OperationDenied.NotManagedUser            | The user is not under your account.           |
| RequestLimitExceeded.RequestLimitExceeded | The number of API requests exceeds the limit. |

# Group APIs

## CreateDomainGroup

Last updated : 2023-03-20 11:02:12

### 1. API Description

Domain name for API request: [dnspod.tencentcloudapi.com](https://dnspod.tencentcloudapi.com).

This API is used to create a domain group.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

### 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type   | Description                                                                     |
|----------------|----------|--------|---------------------------------------------------------------------------------|
| Action         | Yes      | String | <a href="#">Common Params</a> . The value used for this API: CreateDomainGroup. |
| Version        | Yes      | String | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.        |
| Region         | No       | String | <a href="#">Common Params</a> . This parameter is not required for this API.    |
| GroupName      | Yes      | String | Domain group                                                                    |

### 3. Output Parameters

| Parameter Name | Type | Description |
|----------------|------|-------------|
|----------------|------|-------------|

|           |         |                                                                                                          |
|-----------|---------|----------------------------------------------------------------------------------------------------------|
| GroupId   | Integer | Domain group ID                                                                                          |
| RequestId | String  | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Creating a domain group

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateDomainGroup
<Common request parameters>

{
  "GroupName": "Rainbow project"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "GroupId": 1977
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)

- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                        | Description                                                                                                         |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| FailedOperation                   | The operation failed.                                                                                               |
| FailedOperation.NotRealNamedUser  | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| FailedOperation.UnknowError       | The operation has no response. Try again later.                                                                     |
| InternalError                     | Internal error.                                                                                                     |
| InvalidParameter                  | Invalid parameter.                                                                                                  |
| InvalidParameter.GroupNameExists  | The group name already exists.                                                                                      |
| InvalidParameter.GroupNameInvalid | The group name can contain 1–17 characters.                                                                         |
| LimitExceeded.GroupNumberLimit    | The number of groups has reached the upper limit.                                                                   |
| MissingParameter                  | The parameter is missing.                                                                                           |
| ResourceNotFound                  | The resource does not exist.                                                                                        |

# CreateRecordGroup

Last updated : 2023-03-20 11:02:12

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to add a record group.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                           |
|----------------|----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: CreateRecordGroup.                                                                       |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                              |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                          |
| Domain         | Yes      | String  | Domain                                                                                                                                                |
| GroupName      | Yes      | String  | Group name                                                                                                                                            |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. |

## 3. Output Parameters

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

| Parameter Name | Type    | Description                                                                                              |
|----------------|---------|----------------------------------------------------------------------------------------------------------|
| GroupId        | Integer | New group ID                                                                                             |
| RequestId      | String  | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Adding a record group

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRecordGroup
<Common request parameters>

{
  "Domain": "domain.com",
  "GroupName": "Group 2"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ec8949ba-ec3c-446e-b9eb-5aeafa238f0a",
    "GroupId": 146
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)



- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                  | Description                                                                                    |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
| FailedOperation.UnknowError                 | The operation has no response. Try again later.                                                |
| InvalidParameter.DomainIdInvalid            | The domain number is incorrect.                                                                |
| InvalidParameter.DomainInvalid              | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                           |
| InvalidParameter.DomainIsAliaser            | This domain is an alias of another domain.                                                     |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                    |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                              |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list. |

# DeleteRecordGroup

Last updated : 2023-03-20 11:02:12

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to delete a record group.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                           |
|----------------|----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: DeleteRecordGroup.                                                                       |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                              |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                          |
| Domain         | Yes      | String  | Domain                                                                                                                                                |
| GroupId        | Yes      | Integer | Group ID                                                                                                                                              |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. |

## 3. Output Parameters

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

| Parameter Name | Type   | Description                                                                                              |
|----------------|--------|----------------------------------------------------------------------------------------------------------|
| RequestId      | String | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Deleting a record group

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteRecordGroup
<Common request parameters>

{
  "Domain": "domain.com",
  "GroupId": 156
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ec8949ba-ec3c-446e-b9eb-5aeafa238f0a"
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)

- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                  | Description                                                                                    |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
| FailedOperation.UnknowError                 | The operation has no response. Try again later.                                                |
| InvalidParameter.DomainIdInvalid            | The domain number is incorrect.                                                                |
| InvalidParameter.DomainInvalid              | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                           |
| InvalidParameter.DomainIsAliaser            | This domain is an alias of another domain.                                                     |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                    |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                              |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list. |

# DescribeDomainGroupList

Last updated : 2023-03-20 11:02:12

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to get the list of domain groups.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type   | Description                                                                           |
|----------------|----------|--------|---------------------------------------------------------------------------------------|
| Action         | Yes      | String | <a href="#">Common Params</a> . The value used for this API: DescribeDomainGroupList. |
| Version        | Yes      | String | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.              |
| Region         | No       | String | <a href="#">Common Params</a> . This parameter is not required for this API.          |

## 3. Output Parameters

| Parameter Name | Type                               | Description |
|----------------|------------------------------------|-------------|
| GroupList      | Array of <a href="#">GroupInfo</a> | Group list  |
|                |                                    |             |

|           |        |                                                                                                          |
|-----------|--------|----------------------------------------------------------------------------------------------------------|
| RequestId | String | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |
|-----------|--------|----------------------------------------------------------------------------------------------------------|

## 4. Example

### Example1 Getting the list of domain groups

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDomainGroupList
<Common request parameters>

{}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "GroupList": [
      {
        "GroupId": 1,
        "GroupName": "Default group",
        "GroupType": "system",
        "Size": 3
      }
    ]
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)

- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                       | Description                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| FailedOperation                  | The operation failed.                                                                                               |
| FailedOperation.NotRealNamedUser | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| FailedOperation.UnknowError      | The operation has no response. Try again later.                                                                     |
| InternalError                    | Internal error.                                                                                                     |
| InvalidParameter                 | Invalid parameter.                                                                                                  |
| MissingParameter                 | The parameter is missing.                                                                                           |
| ResourceNotFound                 | The resource does not exist.                                                                                        |

# DescribeRecordGroupList

Last updated : 2023-03-20 11:02:11

## 1. API Description

Domain name for API request: [dnspod.tencentcloudapi.com](https://dnspod.tencentcloudapi.com).

This API is used to query the list of DNS record groups.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                           |
|----------------|----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: DescribeRecordGroupList.                                                                 |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                              |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                          |
| Domain         | Yes      | String  | Domain                                                                                                                                                |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. |
| Offset         | No       | Integer | Pagination offset                                                                                                                                     |
| Limit          | No       | Integer | Number of items per page for pagination                                                                                                               |



### 3. Output Parameters

| Parameter Name | Type                                     | Description                                                                                              |
|----------------|------------------------------------------|----------------------------------------------------------------------------------------------------------|
| GroupList      | Array of <a href="#">RecordGroupInfo</a> | Group list                                                                                               |
| RequestId      | String                                   | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Querying the list of DNS record groups

##### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRecordGroupList
<Common request parameters>

{
  "Domain": "recordgroup.com",
  "Offset": 0,
  "Limit": 10
}
```

##### Output Example

```
{
  "Response": {
    "RequestId": "0076ce66-aff3-4d2b-bd6e-92bf053ae150",
    "GroupList": [
      {
        "GroupId": 0,
        "GroupName": "Default group",
        "GroupType": "system"
      },
      {
        "GroupId": 144,
        "GroupName": "Group name",

```

```
"GroupType": "user"
}
]
}
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                            | Description                                                          |
|---------------------------------------|----------------------------------------------------------------------|
| FailedOperation.UnknowError           | The operation has no response. Try again later.                      |
| InvalidParameter.DomainIdInvalid      | The domain number is incorrect.                                      |
| InvalidParameter.DomainInvalid        | The domain is incorrect. Enter a top-level domain such as dnspod.cn. |
| InvalidParameter.DomainIsAliaser      | This domain is an alias of another domain.                           |
| InvalidParameterValue.DomainNotExists | The current domain is incorrect. Return to the previous              |

|                                             |                                                                                                |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
|                                             | step and try again.                                                                            |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                              |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list. |

# ModifyRecordGroup

Last updated : 2023-03-20 11:02:11

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to modify a record group.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                           |
|----------------|----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>ModifyRecordGroup</code> .                                                         |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>2021-03-23</code> .                                                                |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                          |
| Domain         | Yes      | String  | Domain                                                                                                                                                |
| GroupName      | Yes      | String  | Group name                                                                                                                                            |
| GroupId        | Yes      | Integer | ID of the group to be modified                                                                                                                        |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. |

## 3. Output Parameters

| Parameter Name | Type    | Description                                                                                              |
|----------------|---------|----------------------------------------------------------------------------------------------------------|
| GroupId        | Integer | ID of the modified group                                                                                 |
| RequestId      | String  | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Modifying a record group

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyRecordGroup
<Common request parameters>

{
  "Domain": "domain.com",
  "GroupName": "Group 2",
  "GroupId": 145
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ec8949ba-ec3c-446e-b9eb-5aeafa238f0a",
    "GroupId": 145
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                  | Description                                                                                    |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
| FailedOperation.UnknowError                 | The operation has no response. Try again later.                                                |
| InvalidParameter.DomainIdInvalid            | The domain number is incorrect.                                                                |
| InvalidParameter.DomainInvalid              | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                           |
| InvalidParameter.DomainIsAliaser            | This domain is an alias of another domain.                                                     |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                    |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                              |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list. |

# ModifyRecordToGroup

Last updated : 2023-03-20 11:02:11

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to add a record to a group.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                           |
|----------------|----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>ModifyRecordToGroup</code> .                                                       |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>2021-03-23</code> .                                                                |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                          |
| Domain         | Yes      | String  | Domain                                                                                                                                                |
| GroupId        | Yes      | Integer | Group ID                                                                                                                                              |
| RecordId       | Yes      | String  | Record ID. Separate multiple IDs by vertical bar (" ").                                                                                               |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. |

## 3. Output Parameters

| Parameter Name | Type   | Description                                                                                              |
|----------------|--------|----------------------------------------------------------------------------------------------------------|
| RequestId      | String | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Adding a record to a group

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyRecordToGroup
<Common request parameters>

{
  "Domain": "domain.com",
  "GroupId": 156,
  "RecordId": "123232|2343232"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ec8949ba-ec3c-446e-b9eb-5aea238f0a"
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)



- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                  | Description                                                                                    |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
| FailedOperation.UnknowError                 | The operation has no response. Try again later.                                                |
| InvalidParameter.DomainIdInvalid            | The domain number is incorrect.                                                                |
| InvalidParameter.DomainInvalid              | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                           |
| InvalidParameter.DomainIsAliaser            | This domain is an alias of another domain.                                                     |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                    |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                              |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list. |

# Record APIs

## CreateRecord

Last updated : 2023-03-20 11:02:11

### 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to add a record.

A maximum of 500 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

### 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type   | Description                                                                                                                               |
|----------------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String | <a href="#">Common Params</a> . The value used for this API: CreateRecord.                                                                |
| Version        | Yes      | String | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                  |
| Region         | No       | String | <a href="#">Common Params</a> . This parameter is not required for this API.                                                              |
| Domain         | Yes      | String | Domain                                                                                                                                    |
| RecordType     | Yes      | String | Record type, which is obtained through the record type API. The value contains uppercase letters, such as <code>A</code> .                |
| RecordLine     | Yes      | String | Record split zone, which is obtained through the record split zone API.                                                                   |
| Value          | Yes      | String | Record value, such as <code>IP : 200.200.200.200</code> , <code>CNAME : cname.dnspod.com</code> , and <code>MX : mail.dnspod.com</code> . |

|              |    |         |                                                                                                                                                                                                                                                                                                 |
|--------------|----|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DomainId     | No | Integer | Domain ID. The <code>DomainId</code> parameter has a higher priority than <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> will be ignored.                                                                                                                     |
| SubDomain    | No | String  | Host record such as <code>www</code> . If it is not passed in, it will be <code>@</code> by default.                                                                                                                                                                                            |
| RecordLineId | No | String  | Split zone ID, which is obtained through the record split zone API. The value is a string such as <code>10=1</code> . The <code>RecordLineId</code> parameter has a higher priority than <code>RecordLine</code> . If both of them are passed in, <code>RecordLineId</code> will be used first. |
| MX           | No | Integer | MX priority, which is required for an MX record and will take effect if the record type is MX. Value range: 1–20.                                                                                                                                                                               |
| TTL          | No | Integer | TTL. Value range: 1–604800. The minimum value varies by domain level.                                                                                                                                                                                                                           |
| Weight       | No | Integer | Weight information, which is an integer between 0 and 100. It is supported only for enterprise VIP domains. <code>0</code> indicates not to pass in this parameter, i.e., not to set the weight.                                                                                                |
| Status       | No | String  | Initial status of the record. Valid values: ENABLE, DISABLE. Default value: ENABLE. If <code>DISABLE</code> is passed in, the DNS record won't take effect, and the limit on round-robin DNS won't be verified.                                                                                 |

### 3. Output Parameters

| Parameter Name | Type    | Description                                                                                              |
|----------------|---------|----------------------------------------------------------------------------------------------------------|
| RecordId       | Integer | Record ID                                                                                                |
| RequestId      | String  | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Adding a record

##### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRecord
<Common request parameters>

{
  "Domain": "dnspod.site",
  "DomainId": 62,
  "SubDomain": "bbbb",
  "RecordType": "A",
  "RecordLine": "Default",
  "RecordLineId": "0",
  "Value": "129.23.32.32",
  "MX": 0,
  "TTL": 600,
  "Weight": 10,
  "Status": "DISABLE"
}
```

### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "RecordId": 162
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)

- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                     | Description                                                                                   |
|------------------------------------------------|-----------------------------------------------------------------------------------------------|
| FailedOperation                                | The operation failed.                                                                         |
| FailedOperation.DomainIsLocked                 | You cannot perform this operation on a locked domain.                                         |
| FailedOperation.DomainIsSpam                   | You cannot perform this operation on a banned domain.                                         |
| FailedOperation.LoginAreaNotAllowed            | The request was rejected due to an unusual login location of your account.                    |
| FailedOperation.LoginFailed                    | Login failed. Check whether the account and password are correct.                             |
| FailedOperation.UnknowError                    | The operation has no response. Try again later.                                               |
| InvalidParameter.AccountIsBanned               | Your account is banned by the system. Please contact us if you have any questions.            |
| InvalidParameter.CustomMessage                 | Custom error message.                                                                         |
| InvalidParameter.DnssecAddCnameError           | DNSSEC has been enabled for this domain. You cannot add an @CNAME, URL, or framed URL record. |
| InvalidParameter.DomainIdInvalid               | The domain number is incorrect.                                                               |
| InvalidParameter.DomainInvalid                 | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                          |
| InvalidParameter.DomainIsAliaser               | This domain is an alias of another domain.                                                    |
| InvalidParameter.DomainNotAllowedModifyRecords | You cannot change the DNS record of a domain currently active or invalid.                     |
| InvalidParameter.DomainNotBeian                | The domain does not have an ICP filing, so you cannot                                         |

|                                           |                                                                                                                                                                 |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           | add a URL record for it.                                                                                                                                        |
| InvalidParameter.DomainRecordExist        | The record already exists and does not need to be added again.                                                                                                  |
| InvalidParameter.EmailNotVerified         | Sorry, the email address of your account has not been verified.                                                                                                 |
| InvalidParameter.InvalidWeight            | The weight is invalid. Enter an integer between 0 and 100.                                                                                                      |
| InvalidParameter.LoginTokenIdError        | The token ID is incorrect.                                                                                                                                      |
| InvalidParameter.LoginTokenNotExists      | The token passed in does not exist.                                                                                                                             |
| InvalidParameter.LoginTokenValidateFailed | Failed to verify the token.                                                                                                                                     |
| InvalidParameter.MobileNotVerified        | Sorry, the mobile number of your account has not been verified.                                                                                                 |
| InvalidParameter.MxInvalid                | The MX priority is incorrect.                                                                                                                                   |
| InvalidParameter.RecordLineInvalid        | The record split zone is incorrect.                                                                                                                             |
| InvalidParameter.RecordTypeInvalid        | The record type is incorrect.                                                                                                                                   |
| InvalidParameter.RecordValueInvalid       | The record value is incorrect.                                                                                                                                  |
| InvalidParameter.RecordValueLengthInvalid | The DNS record value is too long.                                                                                                                               |
| InvalidParameter.RequestIpLimited         | Your IP is invalid, so the request was rejected.                                                                                                                |
| InvalidParameter.SubdomainInvalid         | The subdomain is incorrect.                                                                                                                                     |
| InvalidParameter.UnrealNameUser           | Your account identity has not been verified. Complete identity verification first before performing this operation.                                             |
| InvalidParameter.UrlValueIllegal          | Sorry, the URL failed to be added/enabled because its content did not comply with the DNSPod Terms of Service. Please contact technical support for assistance. |
| InvalidParameter.UserNotExists            | The user does not exist.                                                                                                                                        |
| InvalidParameterValue.DomainNotExists     | The current domain is incorrect. Return to the previous step and try again.                                                                                     |
| InvalidParameterValue.UserIdInvalid       | The user number is incorrect.                                                                                                                                   |
|                                           |                                                                                                                                                                 |

|                                             |                                                                                                                                                                                            |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LimitExceeded.AAAACountLimit                | The number of AAAA records exceeds the limit.                                                                                                                                              |
| LimitExceeded.AtNsRecordLimit               | The @NS record can be set to the default split zone only.                                                                                                                                  |
| LimitExceeded.FailedLoginLimitExceeded      | Your account has been banned by the system due to excessive failed login attempts.                                                                                                         |
| LimitExceeded.HiddenUrlExceeded             | The DNS plan used by this domain does not support framed URL forwarding, or the number of framed URL forward records exceeds the limit. To use this feature, please purchase more records. |
| LimitExceeded.NsCountLimit                  | The number of NS records exceeds the limit.                                                                                                                                                |
| LimitExceeded.RecordTtlLimit                | The TTL value of the record exceeds the limit.                                                                                                                                             |
| LimitExceeded.SrvCountLimit                 | The number of SRV records exceeds the limit.                                                                                                                                               |
| LimitExceeded.SubdomainLevelLimit           | The number of subdomain levels exceeds the limit.                                                                                                                                          |
| LimitExceeded.SubdomainRollLimit            | The number of round-robin DNS records of the subdomain exceeds the limit.                                                                                                                  |
| LimitExceeded.SubdomainWcardLimit           | The number of wildcard levels exceeds the limit.                                                                                                                                           |
| LimitExceeded.UrlCountLimit                 | The number of URL forward records of this domain exceeds the limit. To continue using this feature, please purchase more records.                                                          |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                                                                                                                          |
| OperationDenied.IPInBlacklistNotAllowed     | Sorry, you cannot add a blocked IP.                                                                                                                                                        |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                                                                                             |
| OperationDenied.NotAdmin                    | You are not an admin.                                                                                                                                                                      |
| OperationDenied.NotAgent                    | You are not a proxy user.                                                                                                                                                                  |
| OperationDenied.NotManagedUser              | The user is not under your account.                                                                                                                                                        |
| RequestLimitExceeded.RequestLimitExceeded   | The number of API requests exceeds the limit.                                                                                                                                              |

# DeleteRecord

Last updated : 2023-03-20 11:02:11

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to delete a record.

A maximum of 500 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: DeleteRecord.                                                                                                                                                                                               |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                                                 |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| RecordId       | Yes      | Integer | The record ID. You can view all DNS records and their IDs via the <code>DescribeRecordList</code> API.                                                                                                                                                                   |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |



## 3. Output Parameters

| Parameter Name | Type   | Description                                                                                              |
|----------------|--------|----------------------------------------------------------------------------------------------------------|
| RequestId      | String | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Deleting a DNS record

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteRecord
<Common request parameters>

{
  "Domain": "dnspod.site",
  "DomainId": 62,
  "RecordId": 162
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166"
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                     | Description                                                                |
|------------------------------------------------|----------------------------------------------------------------------------|
| FailedOperation                                | The operation failed.                                                      |
| FailedOperation.DomainIsLocked                 | You cannot perform this operation on a locked domain.                      |
| FailedOperation.DomainIsSpam                   | You cannot perform this operation on a banned domain.                      |
| FailedOperation.LoginAreaNotAllowed            | The request was rejected due to an unusual login location of your account. |
| FailedOperation.LoginFailed                    | Login failed. Check whether the account and password are correct.          |
| FailedOperation.UnknowError                    | The operation has no response. Try again later.                            |
| InvalidParameter.DomainIdInvalid               | The domain number is incorrect.                                            |
| InvalidParameter.DomainInvalid                 | The domain is incorrect. Enter a top-level domain such as dnsPod.cn.       |
| InvalidParameter.DomainIsAliaser               | This domain is an alias of another domain.                                 |
| InvalidParameter.DomainNotAllowedModifyRecords | You cannot change the DNS record of a domain currently active or invalid.  |
| InvalidParameter.LoginTokenIdError             | The token ID is incorrect.                                                 |

|                                             |                                                                                                                     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| InvalidParameter.LoginTokenNotExists        | The token passed in does not exist.                                                                                 |
| InvalidParameter.LoginTokenValidateFailed   | Failed to verify the token.                                                                                         |
| InvalidParameter.RecordIdInvalid            | The record number is incorrect.                                                                                     |
| InvalidParameter.RequestIpLimited           | Your IP is invalid, so the request was rejected.                                                                    |
| InvalidParameter.UnrealNameUser             | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| InvalidParameter.UserNotExists              | The user does not exist.                                                                                            |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                                         |
| InvalidParameterValue.UserIdInvalid         | The user number is incorrect.                                                                                       |
| LimitExceeded.FailedLoginLimitExceeded      | Your account has been banned by the system due to excessive failed login attempts.                                  |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                                                   |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                      |
| OperationDenied.NotAdmin                    | You are not an admin.                                                                                               |
| OperationDenied.NotAgent                    | You are not a proxy user.                                                                                           |
| OperationDenied.NotManagedUser              | The user is not under your account.                                                                                 |
| RequestLimitExceeded.RequestLimitExceeded   | The number of API requests exceeds the limit.                                                                       |

# DescribeRecord

Last updated : 2023-03-20 11:02:10

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to get the information of a record.

A maximum of 200 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: DescribeRecord.                                                                                                                                                                                             |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                                                 |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| RecordId       | Yes      | Integer | The record ID. You can view all DNS records and their IDs via the <code>DescribeRecordList</code> API.                                                                                                                                                                   |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

### 3. Output Parameters

| Parameter Name | Type                       | Description                                                                                              |
|----------------|----------------------------|----------------------------------------------------------------------------------------------------------|
| RecordInfo     | <a href="#">RecordInfo</a> | Record information                                                                                       |
| RequestId      | String                     | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Getting the information of a record

This example shows you how to get the information of a record.

##### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRecord
<Common request parameters>

{
  "Domain": "dnspod.site",
  "DomainId": 62,
  "RecordId": 162
}
```

##### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "RecordInfo": {
      "Id": 158,
      "SubDomain": "test",
      "RecordType": "A",
      "RecordLine": "Baidu",
      "RecordLineId": "90=0",
      "Value": "129.23.32.32",
      "Weight": null,

```

```
"MX": 0,
"TTL": 10,
"Enabled": 1,
"MonitorStatus": "Ok",
"Remark": "Remarks",
"UpdatedOn": "2021-03-31 11:38:02",
"DomainId": 62
}
}
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                          | Description                                                                |
|-------------------------------------|----------------------------------------------------------------------------|
| FailedOperation                     | The operation failed.                                                      |
| FailedOperation.LoginAreaNotAllowed | The request was rejected due to an unusual login location of your account. |

|                                             |                                                                                                                     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| FailedOperation.LoginFailed                 | Login failed. Check whether the account and password are correct.                                                   |
| FailedOperation.UnknowError                 | The operation has no response. Try again later.                                                                     |
| InvalidParameter.DomainIdInvalid            | The domain number is incorrect.                                                                                     |
| InvalidParameter.DomainInvalid              | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                                                |
| InvalidParameter.DomainIsAliaser            | This domain is an alias of another domain.                                                                          |
| InvalidParameter.LoginTokenIdError          | The token ID is incorrect.                                                                                          |
| InvalidParameter.LoginTokenNotExists        | The token passed in does not exist.                                                                                 |
| InvalidParameter.LoginTokenValidateFailed   | Failed to verify the token.                                                                                         |
| InvalidParameter.RecordIdInvalid            | The record number is incorrect.                                                                                     |
| InvalidParameter.RequestIpLimited           | Your IP is invalid, so the request was rejected.                                                                    |
| InvalidParameter.UnrealNameUser             | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| InvalidParameter.UserNotExists              | The user does not exist.                                                                                            |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                                         |
| InvalidParameterValue.UserIdInvalid         | The user number is incorrect.                                                                                       |
| LimitExceeded.FailedLoginLimitExceeded      | Your account has been banned by the system due to excessive failed login attempts.                                  |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                                                   |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                      |
| OperationDenied.NotAdmin                    | You are not an admin.                                                                                               |
| OperationDenied.NotAgent                    | You are not a proxy user.                                                                                           |
| OperationDenied.NotManagedUser              | The user is not under your account.                                                                                 |
| RequestLimitExceeded.RequestLimitExceeded   | The number of API requests exceeds the limit.                                                                       |

# DescribeRecordType

Last updated : 2023-03-20 11:02:10

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to get the record type allowed by the domain level.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type   | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String | <a href="#">Common Params</a> . The value used for this API: DescribeRecordType.                                                                                                                                                                                                                                                                                                                                                                                                    |
| Version        | Yes      | String | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                                                                                                                                                                                                                                                            |
| Region         | No       | String | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                                                                                                                                                                                                                                        |
| DomainGrade    | Yes      | String | Domain level.<br>+ Original plan. Valid values: <code>D_FREE</code> (Free Plan); <code>D_PLUS</code> (Individual Plus Plan); <code>D_EXTRA</code> (Enterprise 1 Plan); <code>D_EXPERT</code> (Enterprise 2 Plan); <code>D_ULTRA</code> (Enterprise 3 Plan).<br>+ New plan. Valid values: <code>DP_FREE</code> (Free Version); <code>DP_PLUS</code> (Professional); <code>DP_EXTRA</code> (Enterprise Basic); <code>DP_EXPERT</code> (Enterprise); <code>DP_ULTRA</code> (Ultimate). |

## 3. Output Parameters



| Parameter Name | Type            | Description                                                                                              |
|----------------|-----------------|----------------------------------------------------------------------------------------------------------|
| TypeList       | Array of String | List of record types                                                                                     |
| RequestId      | String          | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Getting the record type allowed by the domain level

This example shows you how to get the record type allowed by the domain level.

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRecordType
<Common request parameters>

{
  "DomainGrade": "DP_Expert"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "TypeList": [
      "A",
      "CNAME",
      "MX",
      "TXT",
      "NS",
      "SPF",
      "SRV",
      "CAA",
      "URL",
      "Framed URL"
    ]
  }
}
```

```
}  
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                          | Description                                                                |
|-------------------------------------|----------------------------------------------------------------------------|
| FailedOperation.LoginAreaNotAllowed | The request was rejected due to an unusual login location of your account. |
| FailedOperation.LoginFailed         | Login failed. Check whether the account and password are correct.          |
| FailedOperation.UnknowError         | The operation has no response. Try again later.                            |
| InternalError                       | Internal error.                                                            |
| InvalidParameter                    | Invalid parameter.                                                         |
| InvalidParameter.LoginTokenIdError  | The token ID is incorrect.                                                 |

|                                           |                                                                                                                     |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| InvalidParameter.LoginTokenNotExists      | The token passed in does not exist.                                                                                 |
| InvalidParameter.LoginTokenValidateFailed | Failed to verify the token.                                                                                         |
| InvalidParameter.RequestIpLimited         | Your IP is invalid, so the request was rejected.                                                                    |
| InvalidParameter.UnrealNameUser           | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| InvalidParameter.UserNotExists            | The user does not exist.                                                                                            |
| InvalidParameterValue.DomainGradeInvalid  | The domain level is incorrect.                                                                                      |
| InvalidParameterValue.UserIdInvalid       | The user number is incorrect.                                                                                       |
| LimitExceeded.FailedLoginLimitExceeded    | Your account has been banned by the system due to excessive failed login attempts.                                  |
| MissingParameter                          | The parameter is missing.                                                                                           |
| OperationDenied.NotAgent                  | You are not a proxy user.                                                                                           |
| OperationDenied.NotManagedUser            | The user is not under your account.                                                                                 |
| RequestLimitExceeded.RequestLimitExceeded | The number of API requests exceeds the limit.                                                                       |
| ResourceNotFound                          | The resource does not exist.                                                                                        |

# ModifyRecord

Last updated : 2023-03-20 11:02:10

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to modify a record.

A maximum of 500 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                               |
|----------------|----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: ModifyRecord.                                                                |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                  |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                              |
| Domain         | Yes      | String  | Domain                                                                                                                                    |
| RecordType     | Yes      | String  | Record type, which is obtained through the record type API. The value contains uppercase letters, such as <code>A</code> .                |
| RecordLine     | Yes      | String  | Record split zone, which is obtained through the record split zone API.                                                                   |
| Value          | Yes      | String  | Record value, such as <code>IP : 200.200.200.200</code> , <code>CNAME : cname.dnspod.com</code> , and <code>MX : mail.dnspod.com</code> . |
| RecordId       | Yes      | Integer | The record ID. You can view all DNS records and their IDs via the                                                                         |

|              |    |         |                                                                                                                                                                                                                                                                                                 |
|--------------|----|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              |    |         | <code>DescribeRecordList</code> API.                                                                                                                                                                                                                                                            |
| DomainId     | No | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API.                        |
| SubDomain    | No | String  | Host record such as <code>www</code> . If it is not passed in, it will be <code>@</code> by default.                                                                                                                                                                                            |
| RecordLineId | No | String  | Split zone ID, which is obtained through the record split zone API. The value is a string such as <code>10=1</code> . The <code>RecordLineId</code> parameter has a higher priority than <code>RecordLine</code> . If both of them are passed in, <code>RecordLineId</code> will be used first. |
| MX           | No | Integer | MX priority, which is required for an MX record and will take effect if the record type is MX. Value range: 1–20.                                                                                                                                                                               |
| TTL          | No | Integer | TTL. Value range: 1–604800. The minimum value varies by domain level.                                                                                                                                                                                                                           |
| Weight       | No | Integer | Weight information, which is an integer between 0 and 100. It is supported only for enterprise VIP domains. <code>0</code> indicates not to pass in this parameter, i.e., not to set the weight.                                                                                                |
| Status       | No | String  | Initial status of the record. Valid values: ENABLE, DISABLE. Default value: ENABLE. If <code>DISABLE</code> is passed in, the DNS record won't take effect, and the limit on round-robin DNS won't be verified.                                                                                 |

### 3. Output Parameters

| Parameter Name | Type    | Description                                                                                              |
|----------------|---------|----------------------------------------------------------------------------------------------------------|
| RecordId       | Integer | Record ID                                                                                                |
| RequestId      | String  | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Adding a record

## Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyRecord
<Common request parameters>

{
  "Domain": "dnspod.site",
  "DomainId": 62,
  "SubDomain": "bbbb",
  "RecordType": "A",
  "RecordLine": "Default",
  "RecordLineId": "0",
  "Value": "129.23.32.32",
  "MX": 0,
  "TTL": 600,
  "Weight": 10,
  "Status": "DISABLE",
  "RecordId": 162
}
```

## Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "RecordId": 162
  }
}
```

# 5. Developer Resources

## SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)

- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                     | Description                                                                                   |
|------------------------------------------------|-----------------------------------------------------------------------------------------------|
| FailedOperation                                | The operation failed.                                                                         |
| FailedOperation.DomainIsLocked                 | You cannot perform this operation on a locked domain.                                         |
| FailedOperation.DomainIsSpam                   | You cannot perform this operation on a banned domain.                                         |
| FailedOperation.LoginAreaNotAllowed            | The request was rejected due to an unusual login location of your account.                    |
| FailedOperation.LoginFailed                    | Login failed. Check whether the account and password are correct.                             |
| FailedOperation.UnknowError                    | The operation has no response. Try again later.                                               |
| InvalidParameter.AccountIsBanned               | Your account is banned by the system. Please contact us if you have any questions.            |
| InvalidParameter.CustomMessage                 | Custom error message.                                                                         |
| InvalidParameter.DnssecAddCnameError           | DNSSEC has been enabled for this domain. You cannot add an @CNAME, URL, or framed URL record. |
| InvalidParameter.DomainIdInvalid               | The domain number is incorrect.                                                               |
| InvalidParameter.DomainInvalid                 | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                          |
| InvalidParameter.DomainIsAliaser               | This domain is an alias of another domain.                                                    |
| InvalidParameter.DomainNotAllowedModifyRecords | You cannot change the DNS record of a domain currently active or invalid.                     |

|                                           |                                                                                                                                                                 |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| InvalidParameter.DomainNotBeian           | The domain does not have an ICP filing, so you cannot add a URL record for it.                                                                                  |
| InvalidParameter.DomainRecordExist        | The record already exists and does not need to be added again.                                                                                                  |
| InvalidParameter.EmailNotVerified         | Sorry, the email address of your account has not been verified.                                                                                                 |
| InvalidParameter.InvalidWeight            | The weight is invalid. Enter an integer between 0 and 100.                                                                                                      |
| InvalidParameter.LoginTokenIdError        | The token ID is incorrect.                                                                                                                                      |
| InvalidParameter.LoginTokenNotExists      | The token passed in does not exist.                                                                                                                             |
| InvalidParameter.LoginTokenValidateFailed | Failed to verify the token.                                                                                                                                     |
| InvalidParameter.MobileNotVerified        | Sorry, the mobile number of your account has not been verified.                                                                                                 |
| InvalidParameter.MxInvalid                | The MX priority is incorrect.                                                                                                                                   |
| InvalidParameter.RecordIdInvalid          | The record number is incorrect.                                                                                                                                 |
| InvalidParameter.RecordLineInvalid        | The record split zone is incorrect.                                                                                                                             |
| InvalidParameter.RecordTypeInvalid        | The record type is incorrect.                                                                                                                                   |
| InvalidParameter.RecordValueInvalid       | The record value is incorrect.                                                                                                                                  |
| InvalidParameter.RecordValueLengthInvalid | The DNS record value is too long.                                                                                                                               |
| InvalidParameter.RequestIpLimited         | Your IP is invalid, so the request was rejected.                                                                                                                |
| InvalidParameter.SubdomainInvalid         | The subdomain is incorrect.                                                                                                                                     |
| InvalidParameter.UnrealNameUser           | Your account identity has not been verified. Complete identity verification first before performing this operation.                                             |
| InvalidParameter.UrlValueIllegal          | Sorry, the URL failed to be added/enabled because its content did not comply with the DNSPod Terms of Service. Please contact technical support for assistance. |
| InvalidParameter.UserNotExists            | The user does not exist.                                                                                                                                        |
| InvalidParameterValue.DomainNotExists     | The current domain is incorrect. Return to the previous                                                                                                         |



|                                             |                                                                                                                                                                                            |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                             | step and try again.                                                                                                                                                                        |
| InvalidParameterValue.UserIdInvalid         | The user number is incorrect.                                                                                                                                                              |
| LimitExceeded.AAAACountLimit                | The number of AAAA records exceeds the limit.                                                                                                                                              |
| LimitExceeded.AtNsRecordLimit               | The @NS record can be set to the default split zone only.                                                                                                                                  |
| LimitExceeded.FailedLoginLimitExceeded      | Your account has been banned by the system due to excessive failed login attempts.                                                                                                         |
| LimitExceeded.HiddenUrlExceeded             | The DNS plan used by this domain does not support framed URL forwarding, or the number of framed URL forward records exceeds the limit. To use this feature, please purchase more records. |
| LimitExceeded.NsCountLimit                  | The number of NS records exceeds the limit.                                                                                                                                                |
| LimitExceeded.RecordTtlLimit                | The TTL value of the record exceeds the limit.                                                                                                                                             |
| LimitExceeded.SrvCountLimit                 | The number of SRV records exceeds the limit.                                                                                                                                               |
| LimitExceeded.SubdomainLevelLimit           | The number of subdomain levels exceeds the limit.                                                                                                                                          |
| LimitExceeded.SubdomainRollLimit            | The number of round-robin DNS records of the subdomain exceeds the limit.                                                                                                                  |
| LimitExceeded.SubdomainWcardLimit           | The number of wildcard levels exceeds the limit.                                                                                                                                           |
| LimitExceeded.UrlCountLimit                 | The number of URL forward records of this domain exceeds the limit. To continue using this feature, please purchase more records.                                                          |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                                                                                                                          |
| OperationDenied.IPInBlacklistNotAllowed     | Sorry, you cannot add a blocked IP.                                                                                                                                                        |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                                                                                             |
| OperationDenied.NotAdmin                    | You are not an admin.                                                                                                                                                                      |
| OperationDenied.NotAgent                    | You are not a proxy user.                                                                                                                                                                  |
| OperationDenied.NotManagedUser              | The user is not under your account.                                                                                                                                                        |
| RequestLimitExceeded.RequestLimitExceeded   | The number of API requests exceeds the limit.                                                                                                                                              |

# ModifyRecordRemark

Last updated : 2023-03-20 11:02:10

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to set the remarks of a record.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>ModifyRecordRemark</code> .                                                                                                                                                                           |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>2021-03-23</code> .                                                                                                                                                                                   |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| RecordId       | Yes      | Integer | The record ID. You can view all DNS records and their IDs via the <code>DescribeRecordList</code> API.                                                                                                                                                                   |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |
| Remark         | No       | String  | DNS record remarks. To delete the remarks, submit empty content.                                                                                                                                                                                                         |

## 3. Output Parameters

| Parameter Name | Type   | Description                                                                                              |
|----------------|--------|----------------------------------------------------------------------------------------------------------|
| RequestId      | String | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Setting the remarks of a record

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyRecordRemark
<Common request parameters>

{
  "Domain": "dnspod.site",
  "DomainId": 62,
  "RecordId": 162,
  "Remark": "It is the remarks of the DNS record"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166"
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                     | Description                                                                |
|------------------------------------------------|----------------------------------------------------------------------------|
| FailedOperation.DomainIsLocked                 | You cannot perform this operation on a locked domain.                      |
| FailedOperation.DomainIsSpam                   | You cannot perform this operation on a banned domain.                      |
| FailedOperation.LoginAreaNotAllowed            | The request was rejected due to an unusual login location of your account. |
| FailedOperation.LoginFailed                    | Login failed. Check whether the account and password are correct.          |
| FailedOperation.UnknowError                    | The operation has no response. Try again later.                            |
| InvalidParameter.DomainIdInvalid               | The domain number is incorrect.                                            |
| InvalidParameter.DomainInvalid                 | The domain is incorrect. Enter a top-level domain such as dnspod.cn.       |
| InvalidParameter.DomainIsAliaser               | This domain is an alias of another domain.                                 |
| InvalidParameter.DomainNotAllowedModifyRecords | You cannot change the DNS record of a domain currently active or invalid.  |
|                                                |                                                                            |

|                                             |                                                                                                                     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| InvalidParameter.LoginTokenIdError          | The token ID is incorrect.                                                                                          |
| InvalidParameter.LoginTokenNotExists        | The token passed in does not exist.                                                                                 |
| InvalidParameter.LoginTokenValidateFailed   | Failed to verify the token.                                                                                         |
| InvalidParameter.RecordIdInvalid            | The record number is incorrect.                                                                                     |
| InvalidParameter.RemarkLengthExceeded       | The length of the remarks exceeds the limit.                                                                        |
| InvalidParameter.RequestIpLimited           | Your IP is invalid, so the request was rejected.                                                                    |
| InvalidParameter.UnrealNameUser             | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| InvalidParameter.UserNotExists              | The user does not exist.                                                                                            |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                                         |
| InvalidParameterValue.UserIdInvalid         | The user number is incorrect.                                                                                       |
| LimitExceeded.FailedLoginLimitExceeded      | Your account has been banned by the system due to excessive failed login attempts.                                  |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                                                   |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                      |
| OperationDenied.NotAdmin                    | You are not an admin.                                                                                               |
| OperationDenied.NotAgent                    | You are not a proxy user.                                                                                           |
| OperationDenied.NotManagedUser              | The user is not under your account.                                                                                 |
| RequestLimitExceeded.RequestLimitExceeded   | The number of API requests exceeds the limit.                                                                       |

# ModifyRecordStatus

Last updated : 2023-03-20 11:02:10

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to modify the DNS record status.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                           |
|----------------|----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>ModifyRecordStatus</code> .                                                                                                        |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>2021-03-23</code> .                                                                                                                |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                          |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                |
| RecordId       | Yes      | Integer | The record ID. You can view all DNS records and their IDs via the <code>DescribeRecordList</code> API.                                                                                                |
| Status         | Yes      | String  | Record status. Valid values: <code>ENABLE</code> , <code>DISABLE</code> . If <code>DISABLE</code> is passed in, the DNS record won't take effect, and the limit on round-robin DNS won't be verified. |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all                                |

`Domain` and `DomainId` values via the `DescribeDomainList` API.

### 3. Output Parameters

| Parameter Name | Type    | Description                                                                                              |
|----------------|---------|----------------------------------------------------------------------------------------------------------|
| RecordId       | Integer | Record ID.                                                                                               |
| RequestId      | String  | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Setting the record status

##### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyRecordStatus
<Common request parameters>

{
  "Domain": "dnspod.site",
  "DomainId": 62,
  "RecordId": 161,
  "Status": "ENABLE"
}
```

##### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "RecordId": 161
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                           | Description                                                                                   |
|--------------------------------------|-----------------------------------------------------------------------------------------------|
| FailedOperation                      | The operation failed.                                                                         |
| FailedOperation.DomainIsLocked       | You cannot perform this operation on a locked domain.                                         |
| FailedOperation.DomainIsSpam         | You cannot perform this operation on a banned domain.                                         |
| FailedOperation.LoginAreaNotAllowed  | The request was rejected due to an unusual login location of your account.                    |
| FailedOperation.LoginFailed          | Login failed. Check whether the account and password are correct.                             |
| FailedOperation.UnknowError          | The operation has no response. Try again later.                                               |
| InvalidParameter.CustomMessage       | Custom error message.                                                                         |
| InvalidParameter.DnssecAddCnameError | DNSSEC has been enabled for this domain. You cannot add an @CNAME, URL, or framed URL record. |



|                                                |                                                                                                                                                                 |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| InvalidParameter.DomainIdInvalid               | The domain number is incorrect.                                                                                                                                 |
| InvalidParameter.DomainInvalid                 | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                                                                                            |
| InvalidParameter.DomainIsAliaser               | This domain is an alias of another domain.                                                                                                                      |
| InvalidParameter.DomainNotAllowedModifyRecords | You cannot change the DNS record of a domain currently active or invalid.                                                                                       |
| InvalidParameter.DomainNotBeian                | The domain does not have an ICP filing, so you cannot add a URL record for it.                                                                                  |
| InvalidParameter.DomainRecordExist             | The record already exists and does not need to be added again.                                                                                                  |
| InvalidParameter.EmailNotVerified              | Sorry, the email address of your account has not been verified.                                                                                                 |
| InvalidParameter.LoginTokenIdError             | The token ID is incorrect.                                                                                                                                      |
| InvalidParameter.LoginTokenNotExists           | The token passed in does not exist.                                                                                                                             |
| InvalidParameter.LoginTokenValidateFailed      | Failed to verify the token.                                                                                                                                     |
| InvalidParameter.MobileNotVerified             | Sorry, the mobile number of your account has not been verified.                                                                                                 |
| InvalidParameter.RecordIdInvalid               | The record number is incorrect.                                                                                                                                 |
| InvalidParameter.RecordValueInvalid            | The record value is incorrect.                                                                                                                                  |
| InvalidParameter.RequestIpLimited              | Your IP is invalid, so the request was rejected.                                                                                                                |
| InvalidParameter.SubdomainInvalid              | The subdomain is incorrect.                                                                                                                                     |
| InvalidParameter.UnrealNameUser                | Your account identity has not been verified. Complete identity verification first before performing this operation.                                             |
| InvalidParameter.UrlValueIllegal               | Sorry, the URL failed to be added/enabled because its content did not comply with the DNSPod Terms of Service. Please contact technical support for assistance. |
| InvalidParameter.UserNotExists                 | The user does not exist.                                                                                                                                        |
| InvalidParameterValue.DomainNotExists          | The current domain is incorrect. Return to the previous step and try again.                                                                                     |

|                                             |                                                                                                                                                                                            |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| InvalidParameterValue.UserIdInvalid         | The user number is incorrect.                                                                                                                                                              |
| LimitExceeded.AAAACountLimit                | The number of AAAA records exceeds the limit.                                                                                                                                              |
| LimitExceeded.AtNsRecordLimit               | The @NS record can be set to the default split zone only.                                                                                                                                  |
| LimitExceeded.FailedLoginLimitExceeded      | Your account has been banned by the system due to excessive failed login attempts.                                                                                                         |
| LimitExceeded.HiddenUrlExceeded             | The DNS plan used by this domain does not support framed URL forwarding, or the number of framed URL forward records exceeds the limit. To use this feature, please purchase more records. |
| LimitExceeded.NsCountLimit                  | The number of NS records exceeds the limit.                                                                                                                                                |
| LimitExceeded.SrvCountLimit                 | The number of SRV records exceeds the limit.                                                                                                                                               |
| LimitExceeded.SubdomainLevelLimit           | The number of subdomain levels exceeds the limit.                                                                                                                                          |
| LimitExceeded.SubdomainRollLimit            | The number of round-robin DNS records of the subdomain exceeds the limit.                                                                                                                  |
| LimitExceeded.SubdomainWcardLimit           | The number of wildcard levels exceeds the limit.                                                                                                                                           |
| LimitExceeded.UrlCountLimit                 | The number of URL forward records of this domain exceeds the limit. To continue using this feature, please purchase more records.                                                          |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                                                                                                                          |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                                                                                             |
| OperationDenied.NotAdmin                    | You are not an admin.                                                                                                                                                                      |
| OperationDenied.NotAgent                    | You are not a proxy user.                                                                                                                                                                  |
| OperationDenied.NotManagedUser              | The user is not under your account.                                                                                                                                                        |
| RequestLimitExceeded.RequestLimitExceeded   | The number of API requests exceeds the limit.                                                                                                                                              |

# DescribeRecordList

Last updated : 2023-03-20 11:02:10

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to get the DNS records of a domain.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                     |
|----------------|----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: DescribeRecordList.                                                                                                                                                                |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                        |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                    |
| Domain         | Yes      | String  | The domain for which DNS records are to be obtained.                                                                                                                                                                                            |
| DomainId       | No       | Integer | The ID of the domain whose DNS records are requested. If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |
| Subdomain      | No       | String  | The host header of a DNS record. If this parameter is passed in, only the DNS record corresponding to this host header will be returned.                                                                                                        |
| RecordType     | No       | String  | The type of DNS record, such as A, CNAME, NS, AAAA, explicit URL, implicit URL, CAA, or SPF record.                                                                                                                                             |

|              |    |         |                                                                                                                                                                                                                                               |
|--------------|----|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RecordLine   | No | String  | The name of the split zone for which DNS records are requested. You can view split zones allowed by this domain via the <code>DescribeRecordLineList</code> API.                                                                              |
| RecordLineId | No | String  | The ID of the split zone for which DNS records are requested. If <code>RecordLineId</code> is passed in, <code>RecordLine</code> is ignored. You can view split zones allowed by this domain via the <code>DescribeRecordLineList</code> API. |
| GroupId      | No | Integer | The group ID passed in to get DNS records in the group.                                                                                                                                                                                       |
| Keyword      | No | String  | The keyword for searching for DNS records. Host headers and record values are supported.                                                                                                                                                      |
| SortField    | No | String  | The sorting field. Available values: <code>name</code> , <code>line</code> , <code>type</code> , <code>value</code> , <code>weight</code> , <code>mx</code> , and <code>ttl,updated_on</code> .                                               |
| SortType     | No | String  | The sorting type. Valid values: <code>ASC</code> (ascending, default), <code>DESC</code> (descending).                                                                                                                                        |
| Offset       | No | Integer | The offset. Default value: <code>0</code> .                                                                                                                                                                                                   |
| Limit        | No | Integer | The limit. It defaults to 100 and can be up to 3,000.                                                                                                                                                                                         |

### 3. Output Parameters

| Parameter Name  | Type                                    | Description                                                                                              |
|-----------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------|
| RecordCountInfo | <a href="#">RecordCountInfo</a>         | The record count info.                                                                                   |
| RecordList      | Array of <a href="#">RecordListItem</a> | The record list result.                                                                                  |
| RequestId       | String                                  | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Querying the DNS records of a domain

##### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRecordList
<Common request parameters>

{
  "Offset": 0,
  "Limit": 2,
  "Domain": "shenjianing.com",
  "DomainId": 123,
  "Subdomain": "www",
  "Keyword": "dnspod",
  "RecordType": "NS",
  "RecordLine": "Default",
  "RecordLineId": "0",
  "SortField": "type",
  "SortType": "ASC",
  "GroupId": 34
}
```

## Output Example

```
{
  "Response": {
    "RequestId": "561cdfcb-37a6-47de-b3c5-2b038e2c2276",
    "RecordCountInfo": {
      "SubdomainCount": 2,
      "TotalCount": 2,
      "ListCount": 2
    },
    "RecordList": [
      {
        "RecordId": 556507778,
        "Value": "f1g1ns1.dnspod.net.",
        "Status": "ENABLE",
        "UpdatedOn": "2021-03-28 11:27:09",
        "Name": "@",
        "Line": "Default",
        "LineId": "0",
        "Type": "NS",
        "Weight": null,
        "MonitorStatus": "",
        "Remark": "",
        "TTL": 86400,
      }
    ]
  }
}
```

```
"MX": 0
},
{
  "RecordId": 556507779,
  "Value": "f1g1ns2.dnspod.net.",
  "Status": "ENABLE",
  "UpdatedOn": "2021-03-28 11:27:09",
  "Name": "@",
  "Line": "Default",
  "LineId": "0",
  "Type": "NS",
  "Weight": null,
  "MonitorStatus": "",
  "Remark": "",
  "TTL": 86400,
  "MX": 0
}
]
}
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                  | Description                                                                                                         |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| AuthFailure                                 | CAM signature/authentication error.                                                                                 |
| FailedOperation                             | The operation failed.                                                                                               |
| FailedOperation.NotDomainOwner              | You are not the domain owner.                                                                                       |
| FailedOperation.NotRealNamedUser            | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| FailedOperation.UnknowError                 | The operation has no response. Try again later.                                                                     |
| InternalError                               | Internal error.                                                                                                     |
| InvalidParameter                            | Invalid parameter.                                                                                                  |
| InvalidParameter.DomainIdInvalid            | The domain number is incorrect.                                                                                     |
| InvalidParameter.DomainInvalid              | The domain is incorrect. Enter a top-level domain such as dnsPod.cn.                                                |
| InvalidParameter.DomainIsAliaser            | This domain is an alias of another domain.                                                                          |
| InvalidParameter.OperateFailed              | Operation failed. Please try again later.                                                                           |
| InvalidParameter.ParamInvalid               | Parameter format error.                                                                                             |
| InvalidParameter.RecordLineInvalid          | The record split zone is incorrect.                                                                                 |
| InvalidParameter.RecordTypeInvalid          | The record type is incorrect.                                                                                       |
| InvalidParameter.ResultMoreThan500          | The search results contain more than 500 entries. Add one or more keywords.                                         |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                                         |
| InvalidParameterValue.LimitInvalid          | Error in number of entries per page.                                                                                |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                      |
| RequestLimitExceeded                        | The number of requests exceeds the frequency limit.                                                                 |
| RequestLimitExceeded.RequestLimitExceeded   | The number of API requests exceeds the limit.                                                                       |

|                                 |                         |
|---------------------------------|-------------------------|
| ResourceNotFound.NoDataOfRecord | Empty record list.      |
| UnauthorizedOperation           | Unauthorized operation. |



# DNS Query Volume APIs

## DescribeSubdomainAnalytics

Last updated : 2023-04-27 15:39:09

### 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to collect statistics on the DNS query volume of a subdomain. It helps you understand the traffic and time period distribution and allows you to view statistics in the last three months. It is available only for domains under a paid plan.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

### 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type   | Description                                                                              |
|----------------|----------|--------|------------------------------------------------------------------------------------------|
| Action         | Yes      | String | <a href="#">Common Params</a> . The value used for this API: DescribeSubdomainAnalytics. |
| Version        | Yes      | String | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                 |
| Region         | No       | String | <a href="#">Common Params</a> . This parameter is not required for this API.             |
| Domain         | Yes      | String | The domain of the DNS query volume to be queried                                         |
| StartDate      | Yes      | String | Query start date in the format of <code>YYYY-MM-DD</code>                                |
| EndDate        | Yes      | String | Query end date in the format of <code>YYYY-MM-DD</code>                                  |
|                |          |        |                                                                                          |

|           |     |         |                                                                                                                                                                                                                                                                          |
|-----------|-----|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Subdomain | Yes | String  | The subdomain of the DNS query volume to be queried                                                                                                                                                                                                                      |
| DnsFormat | No  | String  | <code>DATE</code> : Daily. <code>HOURL</code> : Hourly                                                                                                                                                                                                                   |
| DomainId  | No  | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

### 3. Output Parameters

| Parameter Name | Type                                                 | Description                                                                                              |
|----------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Data           | Array of <a href="#">DomainAnalyticsDetail</a>       | DNS query volume in the current statistical dimension                                                    |
| Info           | <a href="#">SubdomainAnalyticsInfo</a>               | Statistics on the DNS query volume of a subdomain                                                        |
| AliasData      | Array of <a href="#">SubdomainAliasAnalyticsItem</a> | DNS query volume of the subdomain alias                                                                  |
| RequestId      | String                                               | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Collecting statistics on the DNS query volume of a subdomain

This example shows you how to collect statistics on the DNS query volume of a subdomain.

##### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeSubdomainAnalytics
<Common request parameters>

{
  "Domain": "example.com",
  "StartDate": "2022-06-14",
  "EndDate": "2022-06-14",
```

```
"Subdomain": "test"
}
```

### Output Example

```
{
  "Response": {
    "AliasData": [],
    "Data": [
      {
        "DateKey": "20221201",
        "HourKey": null,
        "Num": 0
      }
    ],
    "Info": {
      "DnsFormat": "DATE",
      "DnsTotal": 0,
      "Domain": "zhaodapian.com",
      "EndDate": "2022-12-01",
      "StartDate": "2022-12-01",
      "Subdomain": "test"
    },
    "RequestId": "b4aca3e1-c134-4a31-bc07-408d78551449"
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                               | Description                                                                                    |
|------------------------------------------|------------------------------------------------------------------------------------------------|
| FailedOperation.DomainIsSpam             | You cannot perform this operation on a banned domain.                                          |
| FailedOperation.DomainNotInService       | Unable to get the DNS query volume because the current domain has not used the DNSPod service. |
| FailedOperation.TemporaryError           | The number of requests is currently unavailable. Try again later.                              |
| FailedOperation.UnknowError              | The operation has no response. Try again later.                                                |
| InvalidParameter.DomainInvalid           | The domain is incorrect. Enter a top-level domain such as dnsPod.cn.                           |
| InvalidParameter.DomainIsAliaser         | This domain is an alias of another domain.                                                     |
| InvalidParameterValue.DomainGradeInvalid | The domain level is incorrect.                                                                 |
| InvalidParameterValue.DomainNotExists    | The current domain is incorrect. Return to the previous step and try again.                    |
| OperationDenied.DomainOwnerAllowedOnly   | Only the domain owner can perform this operation.                                              |

# Alias APIs

## CreateDomainAlias

Last updated : 2023-03-20 11:02:16

### 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to create a domain alias.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

### 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: CreateDomainAlias.                                                                                                                                                                                          |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                                                 |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| DomainAlias    | Yes      | String  | Domain alias                                                                                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

### 3. Output Parameters

| Parameter Name | Type    | Description                                                                                              |
|----------------|---------|----------------------------------------------------------------------------------------------------------|
| DomainAliasId  | Integer | Domain alias ID                                                                                          |
| RequestId      | String  | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Creating a domain alias

##### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateDomainAlias
<Common request parameters>

{
  "Domain": "myfm.cc",
  "DomainAlias": "cc.cc"
}
```

##### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "DomainAliasId": 16080
  }
}
```

### 5. Developer Resources

#### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                             | Description                                                                                                         |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| FailedOperation                        | The operation failed.                                                                                               |
| FailedOperation.DomainExists           | The domain is already in your list. There is no need to add it again.                                               |
| FailedOperation.DomainsIsLocked        | You cannot perform this operation on a locked domain.                                                               |
| FailedOperation.DomainsIsSpam          | You cannot perform this operation on a banned domain.                                                               |
| FailedOperation.DomainOwnedByOtherUser | This domain has been added by another account and can be reclaimed in the domain list.                              |
| FailedOperation.NotRealNamedUser       | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| FailedOperation.UnknowError            | The operation has no response. Try again later.                                                                     |
| InternalError                          | Internal error.                                                                                                     |
| InvalidParameter                       | Invalid parameter.                                                                                                  |
| InvalidParameter.DomainAliasExists     | The alias already exists.                                                                                           |

|                                              |                                                                                                |
|----------------------------------------------|------------------------------------------------------------------------------------------------|
| InvalidParameter.DomainIdInvalid             | The domain number is incorrect.                                                                |
| InvalidParameter.DomainInEffectOrInvalidated | You cannot perform operations on a domain currently active or invalid.                         |
| InvalidParameter.DomainInvalid               | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                           |
| InvalidParameter.DomainIsAliaser             | This domain is an alias of another domain.                                                     |
| InvalidParameterValue.DomainNotExists        | The current domain is incorrect. Return to the previous step and try again.                    |
| LimitExceeded.DomainAliasCountExceeded       | The number of aliases has reached the limit.                                                   |
| LimitExceeded.DomainAliasNumberLimit         | The number of currently bound aliases has reached the limit.                                   |
| MissingParameter                             | The parameter is missing.                                                                      |
| OperationDenied.DomainOwnerAllowedOnly       | Only the domain owner can perform this operation.                                              |
| OperationDenied.NoPermissionToOperateDomain  | You have no permission to perform operations on the current domain. Return to the domain list. |
| ResourceNotFound                             | The resource does not exist.                                                                   |



# DeleteDomainAlias

Last updated : 2023-03-20 11:02:16

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to delete a domain alias.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: DeleteDomainAlias.                                                                                                                                                                                          |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                                                 |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| DomainAliasId  | Yes      | Integer | Domain alias ID. You can view all domain aliases and their IDs via the <code>DescribeDomainAliasList</code> API.                                                                                                                                                         |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

## 3. Output Parameters

| Parameter Name | Type   | Description                                                                                              |
|----------------|--------|----------------------------------------------------------------------------------------------------------|
| RequestId      | String | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Deleting a domain alias

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteDomainAlias
<Common request parameters>

{
  "DomainAliasId": 121212,
  "Domain": "myfm.cc"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166"
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                   | Description                                                                                                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| FailedOperation                              | The operation failed.                                                                                               |
| FailedOperation.DomainIsLocked               | You cannot perform this operation on a locked domain.                                                               |
| FailedOperation.DomainIsSpam                 | You cannot perform this operation on a banned domain.                                                               |
| FailedOperation.NotRealNamedUser             | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| FailedOperation.UnknowError                  | The operation has no response. Try again later.                                                                     |
| InternalError                                | Internal error.                                                                                                     |
| InvalidParameter                             | Invalid parameter.                                                                                                  |
| InvalidParameter.DomainAliasIdInvalid        | The alias ID is incorrect.                                                                                          |
| InvalidParameter.DomainIdInvalid             | The domain number is incorrect.                                                                                     |
| InvalidParameter.DomainInEffectOrInvalidated | You cannot perform operations on a domain currently active or invalid.                                              |
| InvalidParameter.DomainInvalid               | The domain is incorrect. Enter a top-level domain such as dnsPod.cn.                                                |
| InvalidParameter.DomainIsAliaser             | This domain is an alias of another domain.                                                                          |

|                                             |                                                                                                |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                    |
| MissingParameter                            | The parameter is missing.                                                                      |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                              |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list. |
| ResourceNotFound                            | The resource does not exist.                                                                   |

# DescribeDomainAliasList

Last updated : 2023-03-20 11:02:16

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to get the list of domain aliases.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: DescribeDomainAliasList.                                                                                                                                                                                    |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                                                 |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

## 3. Output Parameters

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

| Parameter Name  | Type                                     | Description                                                                                              |
|-----------------|------------------------------------------|----------------------------------------------------------------------------------------------------------|
| DomainAliasList | Array of <a href="#">DomainAliasInfo</a> | List of domain aliases                                                                                   |
| RequestId       | String                                   | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Getting the list of domain aliases

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDomainAliasList
<Common request parameters>

{
  "Domain": "myfm.cc"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "DomainAliasList": [
      {
        "DomainAlias": "cc.cc",
        "Id": 16063
      }
    ]
  }
}
```

## 5. Developer Resources

## SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                            | Description                                                                                                         |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| FailedOperation                       | The operation failed.                                                                                               |
| FailedOperation.NotRealNamedUser      | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| FailedOperation.UnknowError           | The operation has no response. Try again later.                                                                     |
| InternalError                         | Internal error.                                                                                                     |
| InvalidParameter                      | Invalid parameter.                                                                                                  |
| InvalidParameter.DomainIdInvalid      | The domain number is incorrect.                                                                                     |
| InvalidParameter.DomainInvalid        | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                                                |
| InvalidParameter.DomainIsAliaser      | This domain is an alias of another domain.                                                                          |
| InvalidParameterValue.DomainNotExists | The current domain is incorrect. Return to the previous step and try again.                                         |
|                                       |                                                                                                                     |

|                                             |                                                                                                |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
| MissingParameter                            | The parameter is missing.                                                                      |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                              |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list. |
| ResourceNotFound                            | The resource does not exist.                                                                   |
| ResourceNotFound.NoDataOfDomainAlias        | There is no domain alias.                                                                      |



# Domain APIs

## CreateDomain

Last updated : 2023-04-27 15:39:08

### 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to add a domain.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

### 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                     |
|----------------|----------|---------|---------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: CreateDomain.                                                      |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                        |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                    |
| Domain         | Yes      | String  | Domain                                                                                                                          |
| GroupId        | No       | Integer | The group ID of the domain. You can view the group information of this domain via the <code>DescribeDomainGroupList</code> API. |
| IsMark         | No       | String  | Whether the domain is starred. Valid values: yes, no.                                                                           |

### 3. Output Parameters

| Parameter Name | Type                             | Description                                                                                              |
|----------------|----------------------------------|----------------------------------------------------------------------------------------------------------|
| DomainInfo     | <a href="#">DomainCreateInfo</a> | Domain information                                                                                       |
| RequestId      | String                           | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Adding a domain

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateDomain
<Common request parameters>

{
  "Domain": "dnspod.com",
  "IsMark": "no",
  "GroupId": 2
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "DomainInfo": {
      "Id": 62,
      "Punycode": "dnspod.com",
      "Domain": "dnspod.com",
      "GradeNsList": [
        "source.dnspod.net",
        "low.dnspod.net"
      ]
    }
  }
}
```

## Example2 CreateDomain\_success

### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateDomain
<Common request parameters>

{
  "Domain": "iceice.club"
}
```

### Output Example

```
{
  "Response": {
    "RequestId": "674a208e-4829-4c2d-a519-a85f2f9bb223",
    "DomainInfo": {
      "GradeNsList": [
        "eunice.dnspod.net",
        "country.dnspod.net"
      ],
      "Id": 15,
      "Punycode": "iceice.club",
      "Domain": "iceice.club"
    }
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)

- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                             | Description                                                                                                         |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| FailedOperation                        | The operation failed.                                                                                               |
| FailedOperation.DomainExists           | The domain is already in your list. There is no need to add it again.                                               |
| FailedOperation.DomainOwnedByOtherUser | This domain has been added by another account and can be reclaimed in the domain list.                              |
| FailedOperation.UnknowError            | The operation has no response. Try again later.                                                                     |
| InvalidParameter.AccountIsBanned       | Your account is banned by the system. Please contact us if you have any questions.                                  |
| InvalidParameter.DomainInvalid         | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                                                |
| InvalidParameter.DomainsIsAliaser      | This domain is an alias of another domain.                                                                          |
| InvalidParameter.DomainNotReged        | The domain has not been registered and cannot be added.                                                             |
| InvalidParameter.EmailNotVerified      | Sorry, the email address of your account has not been verified.                                                     |
| InvalidParameter.QuhuiTxtNotMatch      |                                                                                                                     |
| InvalidParameter.QuhuiTxtRecordWait    | The TXT record was not set or has not taken effect. Try again later.                                                |
| InvalidParameter.ToolsDomainInvalid    | The domain is invalid.                                                                                              |
| InvalidParameter.UnrealNameUser        | Your account identity has not been verified. Complete identity verification first before performing this operation. |

# DeleteDomain

Last updated : 2023-03-20 11:02:14

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to delete a domain.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: DeleteDomain.                                                                                                                                                                                               |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                                                 |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

## 3. Output Parameters

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

| Parameter Name | Type   | Description                                                                                              |
|----------------|--------|----------------------------------------------------------------------------------------------------------|
| RequestId      | String | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Deleting the domain `dnspod.com`

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteDomain
<Common request parameters>

{
  "Domain": "dnspod.com"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166"
  }
}
```

### Example2 Deleting the domain `iceice.club`

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteDomain
<Common request parameters>

{
  "Domain": "iceice.club"
}
```

### Output Example

```
{
  "Response": {
    "RequestId": "5d459ba8-f335-4508-b6b2-efed8b531c8c"
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                        | Description                                                                                                                                                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FailedOperation.DomainIsKeyDomain | This domain is a key protected resource in DNSPod. To prevent the service from being affected by maloperations, you cannot delete it. If you are sure you need to delete it, please contact your sales rep for technical support. |
| FailedOperation.DomainIsLocked    | You cannot perform this operation on a locked domain.                                                                                                                                                                             |

|                                              |                                                                                    |
|----------------------------------------------|------------------------------------------------------------------------------------|
| FailedOperation.DomainIsSpam                 | You cannot perform this operation on a banned domain.                              |
| FailedOperation.DomainIsVip                  | You cannot perform this operation on a VIP domain.                                 |
| FailedOperation.UnknowError                  | The operation has no response. Try again later.                                    |
| InvalidParameter.AccountIsBanned             | Your account is banned by the system. Please contact us if you have any questions. |
| InvalidParameter.DomainIdInvalid             | The domain number is incorrect.                                                    |
| InvalidParameter.DomainInEffectOrInvalidated | You cannot perform operations on a domain currently active or invalid.             |
| InvalidParameter.DomainInvalid               | The domain is incorrect. Enter a top-level domain such as dnspod.cn.               |
| InvalidParameter.DomainIsAliaser             | This domain is an alias of another domain.                                         |
| InvalidParameterValue.DomainNotExists        | The current domain is incorrect. Return to the previous step and try again.        |
| OperationDenied.DomainOwnerAllowedOnly       | Only the domain owner can perform this operation.                                  |



# DeleteShareDomain

Last updated : 2023-03-20 11:02:14

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to unshare a domain.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: DeleteShareDomain.                                                                                                                                                                                          |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                                                 |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| Account        | Yes      | String  | Account of the domain to be shared                                                                                                                                                                                                                                       |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

## 3. Output Parameters

| Parameter Name | Type   | Description                                                                                              |
|----------------|--------|----------------------------------------------------------------------------------------------------------|
| RequestId      | String | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Unsharing a domain

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteShareDomain
<Common request parameters>

{
  "Domain": "dnspod.com",
  "Account": "qcloud_uin_100000014226@qcloud.com"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166"
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)

- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                             | Description                                                                 |
|----------------------------------------|-----------------------------------------------------------------------------|
| FailedOperation.DomainIsLocked         | You cannot perform this operation on a locked domain.                       |
| FailedOperation.DomainIsSpam           | You cannot perform this operation on a banned domain.                       |
| InvalidParameter.DomainIdInvalid       | The domain number is incorrect.                                             |
| InvalidParameter.DomainInvalid         | The domain is incorrect. Enter a top-level domain such as dnspod.cn.        |
| InvalidParameter.DomainIsAliaser       | This domain is an alias of another domain.                                  |
| InvalidParameter.EmailInvalid          | The email address is incorrect.                                             |
| InvalidParameter.EmailOrQqInvalid      | Enter a valid email address or UIN.                                         |
| InvalidParameter.UserNotExists         | The user does not exist.                                                    |
| InvalidParameterValue.DomainNotExists  | The current domain is incorrect. Return to the previous step and try again. |
| OperationDenied.DomainOwnerAllowedOnly | Only the domain owner can perform this operation.                           |

# DescribeDomain

Last updated : 2023-03-20 11:02:14

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to get the information of a domain.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: DescribeDomain.                                                                                                                                                                                             |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                                                 |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

## 3. Output Parameters

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

| Parameter Name | Type                       | Description                                                                                              |
|----------------|----------------------------|----------------------------------------------------------------------------------------------------------|
| DomainInfo     | <a href="#">DomainInfo</a> | Domain information                                                                                       |
| RequestId      | String                     | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Getting the information of a domain

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDomain
<Common request parameters>

{
  "Domain": "dnspod.com"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "DomainInfo": {
      "DnspodNsList": [
        "source.dnspod.net",
        "low.dnspod.net"
      ],
      "ActualNsList": [
        "f1g1ns1.dnspod.net",
        "f1g1ns2.dnspod.net"
      ],
      "RecordCount": 2,
      "DomainId": 61,
      "DnsStatus": "dnserror",
      "IsVip": "no",
      "Punycode": "tencent8.com",
      "Grade": "DP_FREE",
    }
  }
}
```

```
"GradeLevel": 2,
"GradeTitle": "Free Version",
"Status": "enable",
"GroupId": 1,
"IsMark": "no",
"Remark": "",
"UserId": 1,
"CreatedOn": "2021-04-06 15:51:45",
"UpdatedOn": "2021-04-06 15:51:45",
"TTL": 600,
"Owner": "qcloud_uin_100000014226@qcloud.com",
"CnameSpeedup": "disable",
"Uin": "100000014226",
"OwnerNick": "Loccsser",
"Domain": "tencent8.com"
}
}
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                  | Description                                                                                    |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
| FailedOperation                             | The operation failed.                                                                          |
| FailedOperation.UnknowError                 | The operation has no response. Try again later.                                                |
| InvalidParameter.DomainIdInvalid            | The domain number is incorrect.                                                                |
| InvalidParameter.DomainInvalid              | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                           |
| InvalidParameter.DomainIsAliaser            | This domain is an alias of another domain.                                                     |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                    |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                              |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list. |

# DescribeDomainLogList

Last updated : 2023-03-20 11:02:14

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to get the log of a domain.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: DescribeDomainLogList.                                                                                                                                                                                      |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                                                 |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |
| Offset         | No       | Integer | Record offset starting from <code>0</code> . Default value: <code>0</code> .                                                                                                                                                                                             |
| Limit          | No       | Integer | Total number of logs to be obtained. For example, <code>20</code> indicates to obtain 20 logs. Default value: <code>500</code> . Maximum value: <code>500</code> .                                                                                                       |



### 3. Output Parameters

| Parameter Name | Type            | Description                                                                                              |
|----------------|-----------------|----------------------------------------------------------------------------------------------------------|
| LogList        | Array of String | Domain information<br>Note: This field may return null, indicating that no valid values can be obtained. |
| PageSize       | Integer         | Number of results per page                                                                               |
| TotalCount     | Integer         | Total number of logs                                                                                     |
| RequestId      | String          | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Getting the log of a domain

##### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDomainLogList
<Common request parameters>

{
  "Domain": "test.com",
  "Limit": 100,
  "Offset": 0
}
```

##### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "LogList": [
      "2021-01-18 12:06:11: (111.111.111.111) Add A record line Default ftp value 64.14 4.7.51"
    ],
    "PageSize": 100,
  }
}
```

```
"TotalCount": 1
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                            | Description                                                                 |
|---------------------------------------|-----------------------------------------------------------------------------|
| FailedOperation.DomainIsSpam          | You cannot perform this operation on a banned domain.                       |
| InvalidParameter.DomainIdInvalid      | The domain number is incorrect.                                             |
| InvalidParameter.DomainInvalid        | The domain is incorrect. Enter a top-level domain such as dnsPod.cn.        |
| InvalidParameter.DomainIsAliaser      | This domain is an alias of another domain.                                  |
| InvalidParameterValue.DomainNotExists | The current domain is incorrect. Return to the previous step and try again. |
|                                       |                                                                             |

|                                             |                                                                                                |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                              |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list. |

# DescribeDomainPurview

Last updated : 2023-03-20 11:02:13

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to get the permissions of a domain.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: DescribeDomainPurview.                                                                                                                                                                                      |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                                                 |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

## 3. Output Parameters

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

| Parameter Name | Type                                 | Description                                                                                              |
|----------------|--------------------------------------|----------------------------------------------------------------------------------------------------------|
| PurviewList    | Array of <a href="#">PurviewInfo</a> | Permission list of the domain                                                                            |
| RequestId      | String                               | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Getting the permissions of a domain

This example shows you how to get the permissions of a domain.

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDomainPurview
<Common request parameters>

{
  "Domain": "dnspod.site",
  "DomainId": 62
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "PurviewList": [
      {
        "Name": "URL Forward",
        "Value": "10"
      },
      {
        "Name": "NS record count",
        "Value": "1999"
      },
      {
        "Name": "AAAA record count",
```

```
"Value": "1999"
},
{
  "Name": "SRV record count",
  "Value": "1999"
},
{
  "Name": "domain alias count",
  "Value": "10"
},
{
  "Name": "max domain lock days",
  "Value": "365"
},
{
  "Name": "max domain share count",
  "Value": "1000"
},
{
  "Name": "max sub domain level",
  "Value": "12"
},
{
  "Name": "max Spread Record level",
  "Value": "10"
},
{
  "Name": "max DNS balance count",
  "Value": "60"
},
{
  "Name": "min TTL value",
  "Value": "1"
},
{
  "Name": "enable mix Spread Reserved",
  "Value": "yes"
},
{
  "Name": "enhanced split zone type",
  "Value": "yes"
},
{
  "Name": "split zone type by province",
  "Value": "yes"
},
{
```

```
"Name": "split zone type by continent",
"Value": "yes"
}
]
}
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                          | Description                                                                |
|-------------------------------------|----------------------------------------------------------------------------|
| FailedOperation.LoginAreaNotAllowed | The request was rejected due to an unusual login location of your account. |
| FailedOperation.LoginFailed         | Login failed. Check whether the account and password are correct.          |
| FailedOperation.UnknowError         | The operation has no response. Try again later.                            |
| InvalidParameter.DomainIdInvalid    | The domain number is incorrect.                                            |

|                                             |                                                                                                                     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| InvalidParameter.DomainInvalid              | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                                                |
| InvalidParameter.DomainIsAliaser            | This domain is an alias of another domain.                                                                          |
| InvalidParameter.LoginTokenIdError          | The token ID is incorrect.                                                                                          |
| InvalidParameter.LoginTokenNotExists        | The token passed in does not exist.                                                                                 |
| InvalidParameter.LoginTokenValidateFailed   | Failed to verify the token.                                                                                         |
| InvalidParameter.RequestIpLimited           | Your IP is invalid, so the request was rejected.                                                                    |
| InvalidParameter.UnrealNameUser             | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| InvalidParameter.UserNotExists              | The user does not exist.                                                                                            |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                                         |
| InvalidParameterValue.UserIdInvalid         | The user number is incorrect.                                                                                       |
| LimitExceeded.FailedLoginLimitExceeded      | Your account has been banned by the system due to excessive failed login attempts.                                  |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                                                   |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                      |
| OperationDenied.NotAgent                    | You are not a proxy user.                                                                                           |
| OperationDenied.NotManagedUser              | The user is not under your account.                                                                                 |
| RequestLimitExceeded.RequestLimitExceeded   | The number of API requests exceeds the limit.                                                                       |



# DescribeDomainShareInfo

Last updated : 2023-03-20 11:02:13

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to get the domain sharing information.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>DescribeDomainShareInfo</code> .                                                                                                                                                                      |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>2021-03-23</code> .                                                                                                                                                                                   |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

## 3. Output Parameters

| Parameter Name | Type                                     | Description                                                                                              |
|----------------|------------------------------------------|----------------------------------------------------------------------------------------------------------|
| ShareList      | Array of <a href="#">DomainShareInfo</a> | Domain sharing information                                                                               |
| Owner          | String                                   | Owner account of the domain                                                                              |
| RequestId      | String                                   | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Getting the domain sharing information

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDomainShareInfo
<Common request parameters>

{
  "Domain": "dnspod.com"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "ShareList": [
      {
        "ShareTo": "qcloud_uin_100000014227@qcloud.com",
        "Mode": "r",
        "Status": "enabled"
      }
    ],
    "Owner": "qcloud_uin_100000014226@qcloud.com"
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                  | Description                                                                                    |
|---------------------------------------------|------------------------------------------------------------------------------------------------|
| InvalidParameter.DomainIdInvalid            | The domain number is incorrect.                                                                |
| InvalidParameter.DomainInvalid              | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                           |
| InvalidParameter.DomainIsAliaser            | This domain is an alias of another domain.                                                     |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                    |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                              |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list. |

# ModifyDomainLock

Last updated : 2023-03-20 11:02:13

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to lock a domain.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>ModifyDomainLock</code> .                                                                                                                                                                             |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>2021-03-23</code> .                                                                                                                                                                                   |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| LockDays       | Yes      | Integer | Number of days to lock the domain. The maximum number of locked days can be obtained by calling the API for getting the permissions of a domain.                                                                                                                         |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

### 3. Output Parameters

| Parameter Name | Type                     | Description                                                                                              |
|----------------|--------------------------|----------------------------------------------------------------------------------------------------------|
| LockInfo       | <a href="#">LockInfo</a> | Domain lock information                                                                                  |
| RequestId      | String                   | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Locking a domain

##### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyDomainLock
<Common request parameters>

{
  "Domain": "dnspod.site",
  "DomainId": 62,
  "LockDays": 30
}
```

##### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166",
    "LockInfo": {
      "DomainId": 62,
      "LockCode": "M3xkbnNwb2Quc2l0ZXwxNjE3MzMwODMwfDhlMTkyODZlOGJjMjU4MDBlNjVlZDA1NDZhZjM4NzJm",
      "LockEnd": "2021-05-02"
    }
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                          | Description                                                                |
|-------------------------------------|----------------------------------------------------------------------------|
| FailedOperation.DomainIsLocked      | You cannot perform this operation on a locked domain.                      |
| FailedOperation.DomainIsSpam        | You cannot perform this operation on a banned domain.                      |
| FailedOperation.LoginAreaNotAllowed | The request was rejected due to an unusual login location of your account. |
| FailedOperation.LoginFailed         | Login failed. Check whether the account and password are correct.          |
| FailedOperation.UnknowError         | The operation has no response. Try again later.                            |
| InvalidParameter.DomainIdInvalid    | The domain number is incorrect.                                            |
| InvalidParameter.DomainInvalid      | The domain is incorrect. Enter a top-level domain such as dnspod.cn.       |
| InvalidParameter.DomainIsAliaser    | This domain is an alias of another domain.                                 |

|                                             |                                                                                                                     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| InvalidParameter.DomainNotAllowedLock       | Currently, the domain cannot be locked.                                                                             |
| InvalidParameter.LockDaysInvalid            | The locking period is incorrect.                                                                                    |
| InvalidParameter.LoginTokenIdError          | The token ID is incorrect.                                                                                          |
| InvalidParameter.LoginTokenNotExists        | The token passed in does not exist.                                                                                 |
| InvalidParameter.LoginTokenValidateFailed   | Failed to verify the token.                                                                                         |
| InvalidParameter.RequestIpLimited           | Your IP is invalid, so the request was rejected.                                                                    |
| InvalidParameter.UnrealNameUser             | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| InvalidParameter.UserNotExists              | The user does not exist.                                                                                            |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                                         |
| InvalidParameterValue.UserIdInvalid         | The user number is incorrect.                                                                                       |
| LimitExceeded.FailedLoginLimitExceeded      | Your account has been banned by the system due to excessive failed login attempts.                                  |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                                                   |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                      |
| OperationDenied.NotAgent                    | You are not a proxy user.                                                                                           |
| OperationDenied.NotManagedUser              | The user is not under your account.                                                                                 |
| RequestLimitExceeded.RequestLimitExceeded   | The number of API requests exceeds the limit.                                                                       |

# ModifyDomainOwner

Last updated : 2023-03-20 11:02:13

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to transfer ownership of a domain.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>ModifyDomainOwner</code> .                                                                                                                                                                            |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>2021-03-23</code> .                                                                                                                                                                                   |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| Account        | Yes      | String  | The account to which to transfer the domain, which can be an UIN or email address                                                                                                                                                                                        |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |



## 3. Output Parameters

| Parameter Name | Type   | Description                                                                                              |
|----------------|--------|----------------------------------------------------------------------------------------------------------|
| RequestId      | String | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Transferring ownership of a domain

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyDomainOwner
<Common request parameters>

{
  "Domain": "dnspod.com",
  "Account": "test@gmail.com"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166"
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                 | Description                                                          |
|--------------------------------------------|----------------------------------------------------------------------|
| FailedOperation                            | The operation failed.                                                |
| FailedOperation.DomainIsLocked             | You cannot perform this operation on a locked domain.                |
| FailedOperation.DomainIsSpam               | You cannot perform this operation on a banned domain.                |
| FailedOperation.DomainIsVip                | You cannot perform this operation on a VIP domain.                   |
| FailedOperation.TransferToEnterpriseDenied | Failed to transfer to the enterprise account.                        |
| FailedOperation.TransferToPersonDenied     | Failed to transfer to the personal account.                          |
| InvalidParameter.DomainIdInvalid           | The domain number is incorrect.                                      |
| InvalidParameter.DomainInvalid             | The domain is incorrect. Enter a top-level domain such as dnspod.cn. |
| InvalidParameter.DomainIsAliaser           | This domain is an alias of another domain.                           |
| InvalidParameter.EmailInvalid              | The email address is incorrect.                                      |
| InvalidParameter.EmailOrQqInvalid          | Enter a valid email address or UIN.                                  |
| InvalidParameter.EmailSame                 | The domain is already under the account.                             |
| InvalidParameter.OtherAccountUnrealName    | Your account identity has not been verified. Complete identity       |

|                                        |                                                                             |
|----------------------------------------|-----------------------------------------------------------------------------|
|                                        | verification first before performing this operation.                        |
| InvalidParameter.QcloudUinInvalid      | The user UIN is invalid.                                                    |
| InvalidParameter.UserAreaInvalid       | The account is not a Tencent Cloud user.                                    |
| InvalidParameter.UserNotExists         | The user does not exist.                                                    |
| InvalidParameterValue.DomainNotExists  | The current domain is incorrect. Return to the previous step and try again. |
| OperationDenied.DomainOwnerAllowedOnly | Only the domain owner can perform this operation.                           |

# ModifyDomainRemark

Last updated : 2023-03-20 11:02:13

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to set the remarks of a domain.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>ModifyDomainRemark</code> .                                                                                                                                                                           |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>2021-03-23</code> .                                                                                                                                                                                   |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |
| Remark         | No       | String  | Domain remarks. To delete the remarks, submit empty content.                                                                                                                                                                                                             |

## 3. Output Parameters

| Parameter Name | Type   | Description                                                                                              |
|----------------|--------|----------------------------------------------------------------------------------------------------------|
| RequestId      | String | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Setting the remarks of a domain

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyDomainRemark
<Common request parameters>

{
  "Domain": "dnspod.site",
  "DomainId": 62,
  "Remark": "This is the dedicated domain of XXX"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166"
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)

- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                | Description                                                                |
|-------------------------------------------|----------------------------------------------------------------------------|
| FailedOperation.DomainIsLocked            | You cannot perform this operation on a locked domain.                      |
| FailedOperation.DomainIsSpam              | You cannot perform this operation on a banned domain.                      |
| FailedOperation.LoginAreaNotAllowed       | The request was rejected due to an unusual login location of your account. |
| FailedOperation.LoginFailed               | Login failed. Check whether the account and password are correct.          |
| FailedOperation.UnknowError               | The operation has no response. Try again later.                            |
| InvalidParameter.DomainIdInvalid          | The domain number is incorrect.                                            |
| InvalidParameter.DomainInvalid            | The domain is incorrect. Enter a top-level domain such as dnspod.cn.       |
| InvalidParameter.DomainIsAliaser          | This domain is an alias of another domain.                                 |
| InvalidParameter.LoginTokenIdError        | The token ID is incorrect.                                                 |
| InvalidParameter.LoginTokenNotExists      | The token passed in does not exist.                                        |
| InvalidParameter.LoginTokenValidateFailed | Failed to verify the token.                                                |
| InvalidParameter.RemarkTooLong            | The remarks are too long (max 200 characters).                             |
| InvalidParameter.RequestIpLimited         | Your IP is invalid, so the request was rejected.                           |

|                                             |                                                                                                                     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| InvalidParameter.UnrealNameUser             | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| InvalidParameter.UserNotExists              | The user does not exist.                                                                                            |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                                         |
| InvalidParameterValue.UserIdInvalid         | The user number is incorrect.                                                                                       |
| LimitExceeded.FailedLoginLimitExceeded      | Your account has been banned by the system due to excessive failed login attempts.                                  |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                                                   |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                      |
| OperationDenied.NotAgent                    | You are not a proxy user.                                                                                           |
| OperationDenied.NotManagedUser              | The user is not under your account.                                                                                 |
| RequestLimitExceeded.RequestLimitExceeded   | The number of API requests exceeds the limit.                                                                       |

# ModifyDomainStatus

Last updated : 2023-03-20 11:02:13

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to modify the status of a domain.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>ModifyDomainStatus</code> .                                                                                                                                                                           |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>2021-03-23</code> .                                                                                                                                                                                   |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| Status         | Yes      | String  | Domain status. Valid values: <code>enable</code> ; <code>disable</code> .                                                                                                                                                                                                |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

## 3. Output Parameters



| Parameter Name | Type   | Description                                                                                              |
|----------------|--------|----------------------------------------------------------------------------------------------------------|
| RequestId      | String | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Modifying the status of a domain

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyDomainStatus
<Common request parameters>

{
  "Domain": "dnspod.com",
  "Status": "disable"
}
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166"
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)

- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                  | Description                                                                                                                                                                                                                       |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FailedOperation.DomainIsKeyDomain           | This domain is a key protected resource in DNSPod. To prevent the service from being affected by maloperations, you cannot delete it. If you are sure you need to delete it, please contact your sales rep for technical support. |
| FailedOperation.DomainIsLocked              | You cannot perform this operation on a locked domain.                                                                                                                                                                             |
| FailedOperation.DomainIsSpam                | You cannot perform this operation on a banned domain.                                                                                                                                                                             |
| InvalidParameter.DomainIdInvalid            | The domain number is incorrect.                                                                                                                                                                                                   |
| InvalidParameter.DomainInvalid              | The domain is incorrect. Enter a top-level domain such as dnspod.cn.                                                                                                                                                              |
| InvalidParameter.DomainIsAliaser            | This domain is an alias of another domain.                                                                                                                                                                                        |
| InvalidParameter.ToolsDomainInvalid         | The domain is invalid.                                                                                                                                                                                                            |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                                                                                                                                                       |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                                                                                                                                                                 |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                                                                                                                                    |

# ModifyDomainUnlock

Last updated : 2023-03-20 11:02:12

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to unlock a domain.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                                              |
|----------------|----------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>ModifyDomainUnlock</code> .                                                                                                                                                                           |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: <code>2021-03-23</code> .                                                                                                                                                                                   |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                                             |
| Domain         | Yes      | String  | Domain                                                                                                                                                                                                                                                                   |
| LockCode       | Yes      | String  | Domain unlock code, which will be returned when the domain is locked.                                                                                                                                                                                                    |
| DomainId       | No       | Integer | The domain ID. <code>DomainId</code> takes priority over <code>Domain</code> . If <code>DomainId</code> is passed in, <code>Domain</code> is ignored. You can view all <code>Domain</code> and <code>DomainId</code> values via the <code>DescribeDomainList</code> API. |

## 3. Output Parameters

| Parameter Name | Type   | Description                                                                                              |
|----------------|--------|----------------------------------------------------------------------------------------------------------|
| RequestId      | String | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

## 4. Example

### Example1 Unlocking a domain

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyDomainUnlock
<Common request parameters>

{
  "Domain": "dnspod.site",
  "DomainId": 62,
  "LockCode": "M3xkbnNwb2Quc2l0ZXwxNjE3MzMwNjQzfGZhYjA3YTI0ODcwNzIzMmNjNjI5YzZhNzA1ZmMxOGY1"
```

#### Output Example

```
{
  "Response": {
    "RequestId": "ab4f1426-ea15-42ea-8183-dc1b44151166"
  }
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)

- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

## Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                                | Description                                                                |
|-------------------------------------------|----------------------------------------------------------------------------|
| FailedOperation.DomainIsSpam              | You cannot perform this operation on a banned domain.                      |
| FailedOperation.LoginAreaNotAllowed       | The request was rejected due to an unusual login location of your account. |
| FailedOperation.LoginFailed               | Login failed. Check whether the account and password are correct.          |
| FailedOperation.UnknowError               | The operation has no response. Try again later.                            |
| InvalidParameter.DomainIdInvalid          | The domain number is incorrect.                                            |
| InvalidParameter.DomainInvalid            | The domain is incorrect. Enter a top-level domain such as dnspod.cn.       |
| InvalidParameter.DomainIsAliaser          | This domain is an alias of another domain.                                 |
| InvalidParameter.DomainIsNotlocked        | The domain is not locked.                                                  |
| InvalidParameter.LoginTokenIdError        | The token ID is incorrect.                                                 |
| InvalidParameter.LoginTokenNotExists      | The token passed in does not exist.                                        |
| InvalidParameter.LoginTokenValidateFailed | Failed to verify the token.                                                |
| InvalidParameter.RequestIpLimited         | Your IP is invalid, so the request was rejected.                           |
|                                           |                                                                            |

|                                             |                                                                                                                     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| InvalidParameter.UnlockCodeExpired          | The unlock code has expired.                                                                                        |
| InvalidParameter.UnlockCodeInvalid          | The unlock code is incorrect.                                                                                       |
| InvalidParameter.UnrealNameUser             | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| InvalidParameter.UserNotExists              | The user does not exist.                                                                                            |
| InvalidParameterValue.DomainNotExists       | The current domain is incorrect. Return to the previous step and try again.                                         |
| InvalidParameterValue.UserIdInvalid         | The user number is incorrect.                                                                                       |
| LimitExceeded.FailedLoginLimitExceeded      | Your account has been banned by the system due to excessive failed login attempts.                                  |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                                                   |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                      |
| OperationDenied.NotAgent                    | You are not a proxy user.                                                                                           |
| OperationDenied.NotManagedUser              | The user is not under your account.                                                                                 |
| RequestLimitExceeded.RequestLimitExceeded   | The number of API requests exceeds the limit.                                                                       |

# DescribeDomainList

Last updated : 2023-04-27 15:39:08

## 1. API Description

Domain name for API request: `dnspod.tencentcloudapi.com`.

This API is used to get the list of domains.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer

[Try it](#)

API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

## 2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see [Common Request Parameters](#).

| Parameter Name | Required | Type    | Description                                                                                                                                                                                                                                    |
|----------------|----------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action         | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: DescribeDomainList.                                                                                                                                                               |
| Version        | Yes      | String  | <a href="#">Common Params</a> . The value used for this API: 2021-03-23.                                                                                                                                                                       |
| Region         | No       | String  | <a href="#">Common Params</a> . This parameter is not required for this API.                                                                                                                                                                   |
| Type           | No       | String  | The domain group type. Valid values: <code>ALL</code> (default), <code>MINE</code> , <code>SHARE</code> , <code>ISMARK</code> , <code>PAUSE</code> , <code>VIP</code> , <code>RECENT</code> , <code>SHARE_OUT</code> , and <code>FREE</code> . |
| Offset         | No       | Integer | Record offset starting from <code>0</code> . Default value: <code>0</code> .                                                                                                                                                                   |
| Limit          | No       | Integer | Number of domains to be obtained. For example, <code>20</code> indicates to obtain 20 domains. Default value: <code>3000</code> .                                                                                                              |
| GroupId        | No       | Integer | Group ID, which can be passed in to get all domains in the specified group                                                                                                                                                                     |

|         |    |        |                                    |
|---------|----|--------|------------------------------------|
| Keyword | No | String | Keyword for searching for a domain |
|---------|----|--------|------------------------------------|

### 3. Output Parameters

| Parameter Name  | Type                                    | Description                                                                                              |
|-----------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------|
| DomainCountInfo | <a href="#">DomainCountInfo</a>         | Statistics on the list page                                                                              |
| DomainList      | Array of <a href="#">DomainListItem</a> | Domain list                                                                                              |
| RequestId       | String                                  | The unique request ID, which is returned for each request. RequestId is required for locating a problem. |

### 4. Example

#### Example1 Getting the list of domains

This example shows you how to get the list of domains.

#### Input Example

```
POST / HTTP/1.1
Host: dnspod.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDomainList
<Common request parameters>

{
  "Type": "ALL",
  "Keyword": "dnspod",
  "Limit": 1,
  "Offset": 0,
  "GroupId": 1
}
```

#### Output Example

```
{
  "Response": {
    "DomainCountInfo": {
      "AllTotal": 35,
```



```
"DomainTotal": 1,
"ErrorTotal": 28,
"GroupTotal": 0,
"LockTotal": 1,
"MineTotal": 28,
"PauseTotal": 1,
"ShareOutTotal": 4,
"ShareTotal": 7,
"SpamTotal": 0,
"VipExpire": 0,
"VipTotal": 4
},
"DomainList": [
{
  "CNAMESpeedup": "DISABLE",
  "CreatedOn": "2021-05-06 20:40:39",
  "DNSStatus": "DNSERROR",
  "DomainId": 12614766,
  "EffectiveDNS": [
    "ns3.dnsv5.com",
    "ns4.dnsv5.com"
  ],
  "Grade": "DP_ULTRA",
  "GradeLevel": 10,
  "GradeTitle": "Premium",
  "GroupId": 1,
  "IsVip": "YES",
  "Name": "dnspod.com",
  "Owner": "qcloud_uin_000000000@qcloud.com",
  "Punycode": "dnspod.com",
  "RecordCount": 0,
  "Remark": "",
  "SearchEnginePush": "NO",
  "Status": "ENABLE",
  "TTL": 600,
  "UpdatedOn": "2023-03-09 11:51:56",
  "VipAutoRenew": "YES",
  "VipEndAt": "2024-01-16 15:56:31",
  "VipStartAt": "2023-01-16 15:56:31"
}
],
"RequestId": "bfb3f27e-4dba-4a5c-9aff-08d1c27d1c61"
}
```

## 5. Developer Resources

### SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- [Tencent Cloud SDK 3.0 for Python](#)
- [Tencent Cloud SDK 3.0 for Java](#)
- [Tencent Cloud SDK 3.0 for PHP](#)
- [Tencent Cloud SDK 3.0 for Go](#)
- [Tencent Cloud SDK 3.0 for NodeJS](#)
- [Tencent Cloud SDK 3.0 for .NET](#)
- [Tencent Cloud SDK 3.0 for C++](#)

### Command Line Interface

- [Tencent Cloud CLI 3.0](#)

## 6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see [Common Error Codes](#).

| Error Code                       | Description                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| AuthFailure                      | CAM signature/authentication error.                                                                                 |
| FailedOperation                  | The operation failed.                                                                                               |
| FailedOperation.NotRealNamedUser | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| FailedOperation.UnknowError      | The operation has no response. Try again later.                                                                     |
| InternalError                    | Internal error.                                                                                                     |
| InvalidParameter                 | Invalid parameter.                                                                                                  |
| InvalidParameter.GroupIdInvalid  | The group ID is incorrect.                                                                                          |
| InvalidParameter.OffsetInvalid   | The pagination offset value is incorrect.                                                                           |
| InvalidParameter.OperateFailed   | Operation failed. Please try again later.                                                                           |

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| InvalidParameter.ResultMoreThan500        | The search results contain more than 500 entries. Add one or more keywords. |
| InvalidParameterValue.LimitInvalid        | Error in number of entries per page.                                        |
| OperationDenied.AccessDenied              | You have no permission for this operation.                                  |
| RequestLimitExceeded                      | The number of requests exceeds the frequency limit.                         |
| RequestLimitExceeded.RequestLimitExceeded | The number of API requests exceeds the limit.                               |
| UnauthorizedOperation                     | Unauthorized operation.                                                     |

# Data Types

Last updated : 2023-04-27 15:39:09

## AddRecordBatch

Records to be bulk added

Used by actions: CreateRecordBatch.

| Name         | Type    | Required | Description                                                                                                                                                                                                              |
|--------------|---------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RecordType   | String  | Yes      | Record type. For more information, see the <code>DescribeRecordType</code> API.                                                                                                                                          |
| Value        | String  | Yes      | Record value.                                                                                                                                                                                                            |
| SubDomain    | String  | No       | Subdomain (host record), which is <code>@</code> by default.                                                                                                                                                             |
| RecordLine   | String  | No       | Split zone of the DNS record. For more information, see the <code>DescribeRecordLineList</code> API. If neither <code>RecordLine</code> nor <code>RecordLineId</code> is specified, the default split zone will be used. |
| RecordLineId | String  | No       | Split zone ID of the DNS record. If both <code>RecordLine</code> and <code>RecordLineId</code> are specified, <code>RecordLineId</code> will be used.                                                                    |
| Weight       | Integer | No       | The record weight (not supported).                                                                                                                                                                                       |
| MX           | Integer | No       | MX record value. It is <code>0</code> by default for non-MX records and required for MX records.                                                                                                                         |
| TTL          | Integer | No       | TTL value of the record, which is <code>600</code> by default.                                                                                                                                                           |
| Enabled      | Integer | No       | Record status (not supported). Valid values: <code>0</code> (disabled); <code>1</code> (enabled). Default value: <code>1</code> .                                                                                        |
| Remark       | String  | No       | Record remarks (not supported).                                                                                                                                                                                          |

## BatchRecordInfo

Record information in the bulk task

Used by actions: ModifyRecordBatch.

| Name       | Type    | Description                                                                                                                                                                                |
|------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RecordId   | Integer | Record ID<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                                            |
| SubDomain  | String  | Subdomain (host record).<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                             |
| RecordType | String  | Record type. For more information, see the <code>DescribeRecordType</code> API.<br>Note: This field may return null, indicating that no valid values can be obtained.                      |
| RecordLine | String  | Split zone of the DNS record. For more information, see the <code>DescribeRecordLineList</code> API.<br>Note: This field may return null, indicating that no valid values can be obtained. |
| Value      | String  | Record value<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                                         |
| TTL        | Integer | TTL value of the record<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                              |
| Status     | String  | Record adding status<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                                 |
| Operation  | String  | Operation type<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                                       |
| ErrMsg     | String  | Error message<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                                        |
| Id         | Integer | ID of the record in the list                                                                                                                                                               |
| Enabled    | Integer | Record status<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                                        |
| MX         | Integer | MX weight of the record<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                              |
| Weight     | Integer | The record weight.<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                                   |

## CreateDomainBatchDetail

Response structure for bulk adding domains

Used by actions: CreateDomainBatch.

| Name        | Type                                             | Description                                                                                                              |
|-------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| RecordList  | Array of <a href="#">CreateDomainBatchRecord</a> | See <code>RecordInfoBatch</code> .<br>Note: This field may return null, indicating that no valid values can be obtained. |
| Id          | Integer                                          | Task ID                                                                                                                  |
| Domain      | String                                           | Domain<br>Note: This field may return null, indicating that no valid values can be obtained.                             |
| DomainGrade | String                                           | Domain level<br>Note: This field may return null, indicating that no valid values can be obtained.                       |
| ErrMsg      | String                                           | Error message<br>Note: This field may return null, indicating that no valid values can be obtained.                      |
| Status      | String                                           | Task running status<br>Note: This field may return null, indicating that no valid values can be obtained.                |
| Operation   | String                                           | Operation type<br>Note: This field may return null, indicating that no valid values can be obtained.                     |

## CreateDomainBatchRecord

Record information in the task of bulk adding domains

Used by actions: CreateDomainBatch.

| Name       | Type   | Description                                                                                                                                                                                |
|------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SubDomain  | String | Subdomain (host record).<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                             |
| RecordType | String | Record type. For more information, see the <code>DescribeRecordType</code> API.<br>Note: This field may return null, indicating that no valid values can be obtained.                      |
| RecordLine | String | Split zone of the DNS record. For more information, see the <code>DescribeRecordLineList</code> API.<br>Note: This field may return null, indicating that no valid values can be obtained. |

|           |         |                                                                                                               |
|-----------|---------|---------------------------------------------------------------------------------------------------------------|
| Value     | String  | Record value<br>Note: This field may return null, indicating that no valid values can be obtained.            |
| TTL       | Integer | TTL value of the record<br>Note: This field may return null, indicating that no valid values can be obtained. |
| Status    | String  | Record adding status<br>Note: This field may return null, indicating that no valid values can be obtained.    |
| Operation | String  | Operation type<br>Note: This field may return null, indicating that no valid values can be obtained.          |
| ErrMsg    | String  | Error message<br>Note: This field may return null, indicating that no valid values can be obtained.           |
| Id        | Integer | ID of the record in the list                                                                                  |

## CreateRecordBatchDetail

Response structure for bulk adding records

Used by actions: CreateRecordBatch.

| Name        | Type                                             | Description                                                                                                              |
|-------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| RecordList  | Array of <a href="#">CreateRecordBatchRecord</a> | See <code>RecordInfoBatch</code> .<br>Note: This field may return null, indicating that no valid values can be obtained. |
| Id          | Integer                                          | Task ID                                                                                                                  |
| Domain      | String                                           | Domain<br>Note: This field may return null, indicating that no valid values can be obtained.                             |
| DomainGrade | String                                           | Domain level<br>Note: This field may return null, indicating that no valid values can be obtained.                       |
| ErrMsg      | String                                           | Error message<br>Note: This field may return null, indicating that no valid values can be obtained.                      |
| Status      | String                                           | Task running status<br>Note: This field may return null, indicating that no valid values                                 |

|           |         |                                                                                                      |
|-----------|---------|------------------------------------------------------------------------------------------------------|
|           |         | can be obtained.                                                                                     |
| Operation | String  | Operation type<br>Note: This field may return null, indicating that no valid values can be obtained. |
| DomainId  | Integer | Domain ID<br>Note: This field may return null, indicating that no valid values can be obtained.      |

## CreateRecordBatchRecord

Record information in the task of bulk adding records

Used by actions: CreateRecordBatch.

| Name       | Type    | Description                                                                                                                                                                                |
|------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SubDomain  | String  | Subdomain (host record).<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                             |
| RecordType | String  | Record type. For more information, see the <code>DescribeRecordType</code> API.<br>Note: This field may return null, indicating that no valid values can be obtained.                      |
| RecordLine | String  | Split zone of the DNS record. For more information, see the <code>DescribeRecordLineList</code> API.<br>Note: This field may return null, indicating that no valid values can be obtained. |
| Value      | String  | Record value<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                                         |
| TTL        | Integer | TTL value of the record<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                              |
| Status     | String  | Record adding status<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                                 |
| Operation  | String  | Operation type<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                                       |
| ErrMsg     | String  | Error message<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                                        |
| Id         | Integer | ID of the record in the list                                                                                                                                                               |
| MX         | Integer | MX weight of the record                                                                                                                                                                    |



|        |         |                                                                                                          |
|--------|---------|----------------------------------------------------------------------------------------------------------|
|        |         | Note: This field may return null, indicating that no valid values can be obtained.                       |
| Weight | Integer | The record weight.<br>Note: This field may return null, indicating that no valid values can be obtained. |

## DeleteDomainBatchDetail

Details of batch deleting domains

Used by actions: DeleteDomainBatch.

| Name      | Type    | Description                                                                                              |
|-----------|---------|----------------------------------------------------------------------------------------------------------|
| DomainId  | Integer | The domain ID.                                                                                           |
| Domain    | String  | The domain name.                                                                                         |
| Error     | String  | The error message.<br>Note: This field may return null, indicating that no valid values can be obtained. |
| Status    | String  | The domain deletion status.                                                                              |
| Operation | String  | The operation.                                                                                           |

## DomainAliasInfo

Information of a domain alias

Used by actions: DescribeDomainAliasList.

| Name        | Type    | Description     |
|-------------|---------|-----------------|
| Id          | Integer | Domain alias ID |
| DomainAlias | String  | Domain alias    |

## DomainAnalyticsDetail

DNS query volume in the current statistical dimension

Used by actions: DescribeSubdomainAnalytics.

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

| Name    | Type    | Description                                                                                                                                                                                                                                                                  |
|---------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Num     | Integer | DNS query volume in the current statistical dimension                                                                                                                                                                                                                        |
| DateKey | String  | Collection date for daily collection                                                                                                                                                                                                                                         |
| HourKey | Integer | The last hour (0-23) for hourly collection. For example, if <code>HourKey</code> is <code>23</code> , the DNS query volume in the statistical period of 22:00–23:00 will be collected.<br>Note: This field may return null, indicating that no valid values can be obtained. |

## DomainCountInfo

List statistics by page

Used by actions: DescribeDomainList.

| Name          | Type    | Description                                          |
|---------------|---------|------------------------------------------------------|
| DomainTotal   | Integer | Number of eligible domains                           |
| AllTotal      | Integer | Number of all domains that can be viewed by the user |
| MineTotal     | Integer | Number of domains added under the user account       |
| ShareTotal    | Integer | Number of domains shared with the user               |
| VipTotal      | Integer | Number of paid domains                               |
| PauseTotal    | Integer | Number of suspended domains                          |
| ErrorTotal    | Integer | Number of domains with a DNS configuration error     |
| LockTotal     | Integer | Number of locked domains                             |
| SpamTotal     | Integer | Number of blocked domains                            |
| VipExpire     | Integer | Number of domains that will expire within 30 days    |
| ShareOutTotal | Integer | Number of domains shared with others                 |
| GroupTotal    | Integer | Number of domains in the specified group             |

## DomainCreateInfo

Domain information returned during domain creation

Used by actions: CreateDomain.

| Name        | Type            | Description           |
|-------------|-----------------|-----------------------|
| Id          | Integer         | Domain ID             |
| Domain      | String          | Domain                |
| Punycode    | String          | Domain Punycode       |
| GradeNsList | Array of String | NS list of the domain |

## DomainInfo

Domain details

Used by actions: DescribeDomain.

| Name         | Type            | Description                                                                                          |
|--------------|-----------------|------------------------------------------------------------------------------------------------------|
| DomainId     | Integer         | Domain ID                                                                                            |
| Status       | String          | Domain status                                                                                        |
| Grade        | String          | DNS plan level                                                                                       |
| GroupId      | Integer         | Domain group ID                                                                                      |
| IsMark       | String          | Whether the domain is starred                                                                        |
| TTL          | Integer         | TTL (DNS record cache time)                                                                          |
| CnameSpeedup | String          | Whether CNAME flattening is enabled                                                                  |
| Remark       | String          | Domain remarks<br>Note: This field may return null, indicating that no valid values can be obtained. |
| Punycode     | String          | Domain Punycode                                                                                      |
| DnsStatus    | String          | DNS status of the domain                                                                             |
| DnspodNsList | Array of String | NS list of the domain                                                                                |
|              |                 |                                                                                                      |

|              |                 |                                                                                                                           |
|--------------|-----------------|---------------------------------------------------------------------------------------------------------------------------|
| Domain       | String          | Domain                                                                                                                    |
| GradeLevel   | Integer         | Domain level ID                                                                                                           |
| UserId       | Integer         | Domain user ID                                                                                                            |
| IsVip        | String          | Whether the domain is a VIP domain                                                                                        |
| Owner        | String          | Domain owner account                                                                                                      |
| GradeTitle   | String          | Domain level description                                                                                                  |
| CreatedOn    | Timestamp       | Domain creation time                                                                                                      |
| UpdatedOn    | Timestamp       | Last update time                                                                                                          |
| Uin          | String          | Tencent Cloud account <code>Uin</code>                                                                                    |
| ActualNsList | Array of String | NS list actually used by the domain<br>Note: This field may return null, indicating that no valid values can be obtained. |
| RecordCount  | Integer         | Number of domain records                                                                                                  |
| OwnerNick    | String          | Alias of the domain account owner<br>Note: This field may return null, indicating that no valid values can be obtained.   |

## DomainListItem

Element in the domain list

Used by actions: DescribeDomainList.

| Name         | Type    | Description                                                                                                             |
|--------------|---------|-------------------------------------------------------------------------------------------------------------------------|
| DomainId     | Integer | Unique ID assigned to the domain by the system                                                                          |
| Name         | String  | Original format of the domain                                                                                           |
| Status       | String  | Domain status. Valid values: <code>ENABLE</code> (normal), <code>PAUSE</code> (suspended), <code>SPAM</code> (blocked). |
| TTL          | Integer | Default TTL of the default DNS record of the domain                                                                     |
| CNAMESpeedup | String  | Whether CNAME flattening is enabled. Valid values: <code>ENABLE</code>                                                  |

|                  |                 |                                                                                                                                                            |
|------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |                 | (enabled); <code>DISABLE</code> (disabled).                                                                                                                |
| DNSStatus        | String          | DNS configuration status. Valid values: <code>DNSERROR</code> (error), an empty string (normal).                                                           |
| Grade            | String          | Plan level code of the domain                                                                                                                              |
| GroupId          | Integer         | Group ID of the domain                                                                                                                                     |
| SearchEnginePush | String          | Whether search engine push optimization is enabled. Valid values: <code>YES</code> (yes), <code>NO</code> (no).                                            |
| Remark           | String          | Domain remarks                                                                                                                                             |
| Punycode         | String          | Punycode-encoded domain format                                                                                                                             |
| EffectiveDNS     | Array of String | Effective DNS assigned to the domain by the system                                                                                                         |
| GradeLevel       | Integer         | Number corresponding to the plan level of the domain                                                                                                       |
| GradeTitle       | String          | Plan name                                                                                                                                                  |
| IsVip            | String          | Whether it is a paid plan                                                                                                                                  |
| VipStartAt       | Timestamp       | Activation time of the paid plan                                                                                                                           |
| VipEndAt         | Timestamp       | Expiry time of the paid plan                                                                                                                               |
| VipAutoRenew     | String          | Whether VIP automatic renewal is enabled for the domain. Valid values: <code>YES</code> (yes); <code>NO</code> (no). Default value: <code>DEFAULT</code> . |
| RecordCount      | Integer         | Number of records under the domain                                                                                                                         |
| CreatedOn        | Timestamp       | Domain adding time                                                                                                                                         |
| UpdatedOn        | Timestamp       | Domain update time                                                                                                                                         |
| Owner            | String          | Account of the domain                                                                                                                                      |

## DomainShareInfo

Domain sharing information

Used by actions: DescribeDomainShareInfo.

| Name | Type | Description |
|------|------|-------------|
|------|------|-------------|

|         |        |                                                                                                                                                                    |
|---------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ShareTo | String | Account with which the domain is shared                                                                                                                            |
| Mode    | String | Sharing mode. Valid values: <code>rw</code> (read/write), <code>r</code> (read-only).                                                                              |
| Status  | String | Sharing status. Valid values: <code>enabled</code> (shared successfully); <code>pending</code> (the account shared to does not exist and is pending registration). |

## GroupInfo

List of domain groups

Used by actions: DescribeDomainGroupList.

| Name      | Type    | Description                    |
|-----------|---------|--------------------------------|
| GroupId   | Integer | Group ID                       |
| GroupName | String  | Group name                     |
| GroupType | String  | Group type                     |
| Size      | Integer | Number of domains in the group |

## LineGroupInfo

Information of a split zone group

Used by actions: DescribeRecordLineList.

| Name     | Type            | Description                                 |
|----------|-----------------|---------------------------------------------|
| LineId   | String          | Split zone group ID                         |
| Name     | String          | Split zone group name                       |
| Type     | String          | Group type                                  |
| LineList | Array of String | List of split zones in the split zone group |

## LineInfo

Information of a split zone

Used by actions: DescribeRecordLineList.

| Name   | Type   | Description     |
|--------|--------|-----------------|
| Name   | String | Split zone name |
| LineId | String | Split zone ID   |

## LockInfo

Domain lock information

Used by actions: ModifyDomainLock.

| Name     | Type    | Description                         |
|----------|---------|-------------------------------------|
| DomainId | Integer | Domain ID                           |
| LockCode | String  | Domain unlock code                  |
| LockEnd  | Date    | Automatic unlock date of the domain |

## ModifyRecordBatchDetail

Response structure for bulk adding records

Used by actions: ModifyRecordBatch.

| Name        | Type                                     | Description                                                                                                                    |
|-------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| RecordList  | Array of <a href="#">BatchRecordInfo</a> | See <code>RecordInfoBatchModify</code> .<br>Note: This field may return null, indicating that no valid values can be obtained. |
| Id          | Integer                                  | Task ID                                                                                                                        |
| Domain      | String                                   | Domain<br>Note: This field may return null, indicating that no valid values can be obtained.                                   |
| DomainGrade | String                                   | Domain level<br>Note: This field may return null, indicating that no valid values can be                                       |

|           |         |                                                                                                           |
|-----------|---------|-----------------------------------------------------------------------------------------------------------|
|           |         | obtained.                                                                                                 |
| ErrMsg    | String  | Error message<br>Note: This field may return null, indicating that no valid values can be obtained.       |
| Status    | String  | Task running status<br>Note: This field may return null, indicating that no valid values can be obtained. |
| Operation | String  | Operation type<br>Note: This field may return null, indicating that no valid values can be obtained.      |
| DomainId  | Integer | Domain ID<br>Note: This field may return null, indicating that no valid values can be obtained.           |

## PurviewInfo

Domain permission

Used by actions: DescribeDomainPurview.

| Name  | Type   | Description      |
|-------|--------|------------------|
| Name  | String | Permission name  |
| Value | String | Permission value |

## RecordCountInfo

Count info of the queried record list

Used by actions: DescribeRecordList.

| Name           | Type    | Description                                |
|----------------|---------|--------------------------------------------|
| SubdomainCount | Integer | The subdomain count.                       |
| ListCount      | Integer | The count of records returned in the list. |
| TotalCount     | Integer | The total record count.                    |



## RecordGroupInfo

Information of a DNS record group

Used by actions: DescribeRecordGroupList.

| Name      | Type    | Description                                                         |
|-----------|---------|---------------------------------------------------------------------|
| GroupId   | Integer | Group ID                                                            |
| GroupName | String  | Group name                                                          |
| GroupType | String  | Group type. Valid values: <code>system</code> , <code>user</code> . |

## RecordInfo

Record information

Used by actions: DescribeRecord.

| Name          | Type    | Description                                                                                             |
|---------------|---------|---------------------------------------------------------------------------------------------------------|
| Id            | Integer | Record ID.                                                                                              |
| SubDomain     | String  | Subdomain (host record).                                                                                |
| RecordType    | String  | Record type. For more information, see the <code>DescribeRecordType</code> API.                         |
| RecordLine    | String  | Split zone of the DNS record. For more information, see the <code>DescribeRecordLineList</code> API.    |
| RecordLineId  | String  | Split zone ID of the DNS record. For more information, see the <code>DescribeRecordLineList</code> API. |
| Value         | String  | Record value.                                                                                           |
| Weight        | Integer | Record weight.<br>Note: This field may return null, indicating that no valid values can be obtained.    |
| MX            | Integer | MX record value. It is 0 by default for non-MX records.                                                 |
| TTL           | Integer | TTL value of the record.                                                                                |
| Enabled       | Integer | Record status. Valid values: 0 (disabled); 1 (enabled).                                                 |
| MonitorStatus | String  | D-Monitor status of the record.                                                                         |

|           |           |                                                                                                                                                                                       |
|-----------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |           | "Ok" : The server is normal.<br>"Warn" : There is an alarm on this record, and the server returns 4XX.<br>"Down" : The server is down.<br>"" : D-Monitor is disabled for this record. |
| Remark    | String    | Record remarks.<br>Note: This field may return null, indicating that no valid values can be obtained.                                                                                 |
| UpdatedOn | Timestamp | Last update time of the record.                                                                                                                                                       |
| DomainId  | Integer   | Domain ID.                                                                                                                                                                            |

## RecordListItem

Record list elements

Used by actions: DescribeRecordList.

| Name          | Type      | Description                                                                                                                                                                                                     |
|---------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RecordId      | Integer   | The record ID.                                                                                                                                                                                                  |
| Value         | String    | The record value.                                                                                                                                                                                               |
| Status        | String    | The record status. Valid values: <code>ENABLE</code> (enabled), <code>DISABLE</code> (disabled).                                                                                                                |
| UpdatedOn     | Timestamp | The update time.                                                                                                                                                                                                |
| Name          | String    | The host name.                                                                                                                                                                                                  |
| Line          | String    | The record split zone.                                                                                                                                                                                          |
| LineId        | String    | The split zone ID.                                                                                                                                                                                              |
| Type          | String    | The record type.                                                                                                                                                                                                |
| Weight        | Integer   | The record weight, which is required for round-robin DNS records.<br>Note: This field may return null, indicating that no valid values can be obtained.                                                         |
| MonitorStatus | String    | The monitoring status of the record. Valid values: <code>OK</code> (normal), <code>WARN</code> (warning), and <code>DOWN</code> (downtime). It is empty if no monitoring is set or the monitoring is suspended. |
| Remark        | String    | The record remarks.                                                                                                                                                                                             |
| TTL           | Integer   | The record cache time.                                                                                                                                                                                          |
|               |           |                                                                                                                                                                                                                 |

|           |         |                                                                                                                                       |
|-----------|---------|---------------------------------------------------------------------------------------------------------------------------------------|
| MX        | Integer | The MX value, applicable to the MX record only.<br>Note: This field may return null, indicating that no valid values can be obtained. |
| DefaultNS | Boolean | Whether it is a default NS record.                                                                                                    |

## SubdomainAliasAnalyticsItem

DNS query volume of the subdomain alias

Used by actions: DescribeSubdomainAnalytics.

| Name | Type                                           | Description                                           |
|------|------------------------------------------------|-------------------------------------------------------|
| Info | <a href="#">SubdomainAnalyticsInfo</a>         | Statistics on the DNS query volume of a subdomain     |
| Data | Array of <a href="#">DomainAnalyticsDetail</a> | DNS query volume in the current statistical dimension |

## SubdomainAnalyticsInfo

Statistics on the DNS query volume of a subdomain

Used by actions: DescribeSubdomainAnalytics.

| Name      | Type    | Description                                               |
|-----------|---------|-----------------------------------------------------------|
| DnsFormat | String  | <code>DATE</code> : Daily; <code>HOURLY</code> : Hourly   |
| DnsTotal  | Integer | Total DNS query volume for the current statistical period |
| Domain    | String  | The queried domain                                        |
| StartDate | String  | Start date of the current statistical period              |
| EndDate   | String  | End date of the current statistical period                |
| Subdomain | String  | Subdomain                                                 |

# Error Codes

Last updated : 2023-04-27 15:39:09

## Feature Description

If there is an Error field in the response, it means that the API call failed. For example:

```
{
  "Response": {
    "Error": {
      "Code": "AuthFailure.SignatureFailure",
      "Message": "The provided credentials could not be validated. Please check your signature is correct."
    },
    "RequestId": "ed93f3cb-f35e-473f-b9f3-0d451b8b79c6"
  }
}
```

Code in Error indicates the error code, and Message indicates the specific information of the error.

## Error Code List

### Common Error Codes

| Error Code                       | Description                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ActionOffline                    | This API has been deprecated.                                                                                                                                                                        |
| AuthFailure.InvalidAuthorization | <code>Authorization</code> in the request header is invalid.                                                                                                                                         |
| AuthFailure.InvalidSecretId      | Invalid key (not a TencentCloud API key type).                                                                                                                                                       |
| AuthFailure.MFAFailure           | MFA failed.                                                                                                                                                                                          |
| AuthFailure.SecretIdNotFound     | Key does not exist. Check if the key has been deleted or disabled in the console, and if not, check if the key is correctly entered. Note that whitespaces should not exist before or after the key. |
| AuthFailure.SignatureExpire      | Signature expired. Timestamp and server time cannot differ by more than five minutes. Please                                                                                                         |

|                                                   |                                                                                                                                                               |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                   | ensure your current local time matches the standard time.                                                                                                     |
| AuthFailure.SignatureFailure                      | Invalid signature. Signature calculation error. Please ensure you've followed the signature calculation process described in the Signature API documentation. |
| AuthFailure.TokenFailure                          | Token error.                                                                                                                                                  |
| AuthFailure.UnauthorizedOperation                 | The request is not authorized. For more information, see the <a href="#">CAM</a> documentation.                                                               |
| DryRunOperation                                   | DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.                                                          |
| FailedOperation                                   | Operation failed.                                                                                                                                             |
| InternalServerError                               | Internal error.                                                                                                                                               |
| InvalidAction                                     | The API does not exist.                                                                                                                                       |
| InvalidParameter                                  | Incorrect parameter.                                                                                                                                          |
| InvalidParameterValue                             | Invalid parameter value.                                                                                                                                      |
| InvalidRequest                                    | The multipart format of the request body is incorrect.                                                                                                        |
| IpInBlacklist                                     | Your IP is in uin IP blacklist.                                                                                                                               |
| IpNotInWhitelist                                  | Your IP is not in uin IP whitelist.                                                                                                                           |
| LimitExceeded                                     | Quota limit exceeded.                                                                                                                                         |
| MissingParameter                                  | A parameter is missing.                                                                                                                                       |
| NoSuchProduct                                     | The product does not exist.                                                                                                                                   |
| NoSuchVersion                                     | The API version does not exist.                                                                                                                               |
| RequestLimitExceeded                              | The number of requests exceeds the frequency limit.                                                                                                           |
| RequestLimitExceeded.GlobalRegionUinLimitExceeded | Uin exceeds the frequency limit.                                                                                                                              |
| RequestLimitExceeded.IPLimitExceeded              | The number of ip requests exceeds the frequency limit.                                                                                                        |
| RequestLimitExceeded.UinLimitExceeded             | The number of uin requests exceeds the frequency                                                                                                              |

|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
|                           | limit.                                                                    |
| RequestSizeLimitExceeded  | The request size exceeds the upper limit.                                 |
| ResourceInUse             | Resource is in use.                                                       |
| ResourceInsufficient      | Insufficient resource.                                                    |
| ResourceNotFound          | The resource does not exist.                                              |
| ResourceUnavailable       | Resource is unavailable.                                                  |
| ResponseSizeLimitExceeded | The response size exceeds the upper limit.                                |
| ServiceUnavailable        | Service is unavailable now.                                               |
| UnauthorizedOperation     | Unauthorized operation.                                                   |
| UnknownParameter          | Unknown parameter.                                                        |
| UnsupportedOperation      | Unsupported operation.                                                    |
| UnsupportedProtocol       | HTTP(S) request protocol error; only GET and POST requests are supported. |
| UnsupportedRegion         | API does not support the requested region.                                |

## Service Error Codes

| Error Code                        | Description                                                                                                                                                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AuthFailure                       | CAM signature/authentication error.                                                                                                                                                                                               |
| FailedOperation.DomainExists      | The domain is already in your list. There is no need to add it again.                                                                                                                                                             |
| FailedOperation.DomainIsKeyDomain | This domain is a key protected resource in DNSPod. To prevent the service from being affected by maloperations, you cannot delete it. If you are sure you need to delete it, please contact your sales rep for technical support. |
| FailedOperation.DomainIsLocked    | You cannot perform this operation on a locked domain.                                                                                                                                                                             |
| FailedOperation.DomainIsSpam      | You cannot perform this operation on a banned domain.                                                                                                                                                                             |
|                                   |                                                                                                                                                                                                                                   |

|                                                      |                                                                                                                     |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| FailedOperation.DomainIsVip                          | You cannot perform this operation on a VIP domain.                                                                  |
| FailedOperation.DomainNotInService                   | Unable to get the DNS query volume because the current domain has not used the DNSPod service.                      |
| FailedOperation.DomainOwnedByOtherUser               | This domain has been added by another account and can be reclaimed in the domain list.                              |
| FailedOperation.LoginAreaNotAllowed                  | The request was rejected due to an unusual login location of your account.                                          |
| FailedOperation.LoginFailed                          | Login failed. Check whether the account and password are correct.                                                   |
| FailedOperation.NotDomainOwner                       | You are not the domain owner.                                                                                       |
| FailedOperation.NotRealNamedUser                     | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| FailedOperation.TemporaryError                       | The number of requests is currently unavailable. Try again later.                                                   |
| FailedOperation.TransferToEnterpriseDenied           | Failed to transfer to the enterprise account.                                                                       |
| FailedOperation.TransferToPersonDenied               | Failed to transfer to the personal account.                                                                         |
| FailedOperation.UnknowError                          | The operation has no response. Try again later.                                                                     |
| InvalidParameter.AccountIsBanned                     | Your account is banned by the system. Please contact us if you have any questions.                                  |
| InvalidParameter.BatchDomainCreateActionError        | Failed to bulk create domains. Cause: Internal error.                                                               |
| InvalidParameter.BatchRecordCreateActionError        | Failed to bulk create records. Cause: Internal error.                                                               |
| InvalidParameter.BatchRecordModifyActionError        | Failed to bulk modify records. Cause: Internal error.                                                               |
| InvalidParameter.BatchRecordModifyActionInvalidValue | The record value is invalid.                                                                                        |
| InvalidParameter.BatchRecordRemoveActionError        | Failed to batch delete records. Cause: Internal error.                                                              |
| InvalidParameter.BatchRecordReplaceActionError       | Failed to bulk replace records. Cause: Internal error.                                                              |
| InvalidParameter.BatchTaskCountLimit                 | The number of tasks exceeds the upper limit.                                                                        |
| InvalidParameter.CustomMessage                       | Custom error message.                                                                                               |
| InvalidParameter.DnssecAddCnameError                 | DNSSEC has been enabled for this domain. You                                                                        |

|                                                |                                                                                |
|------------------------------------------------|--------------------------------------------------------------------------------|
|                                                | cannot add an @CNAME, URL, or framed URL record.                               |
| InvalidParameter.DomainAliasExists             | The alias already exists.                                                      |
| InvalidParameter.DomainAliasIdInvalid          | The alias ID is incorrect.                                                     |
| InvalidParameter.DomainIdInvalid               | The domain number is incorrect.                                                |
| InvalidParameter.DomainInEffectOrInvalidated   | You cannot perform operations on a domain currently active or invalid.         |
| InvalidParameter.DomainInvalid                 | The domain is incorrect. Enter a top-level domain such as dnsPod.cn.           |
| InvalidParameter.DomainsIsAliaser              | This domain is an alias of another domain.                                     |
| InvalidParameter.DomainsIsNotlocked            | The domain is not locked.                                                      |
| InvalidParameter.DomainNotAllowedLock          | Currently, the domain cannot be locked.                                        |
| InvalidParameter.DomainNotAllowedModifyRecords | You cannot change the DNS record of a domain currently active or invalid.      |
| InvalidParameter.DomainNotBeian                | The domain does not have an ICP filing, so you cannot add a URL record for it. |
| InvalidParameter.DomainNotReged                | The domain has not been registered and cannot be added.                        |
| InvalidParameter.DomainRecordExist             | The record already exists and does not need to be added again.                 |
| InvalidParameter.DomainsEmpty                  | No domains have been submitted.                                                |
| InvalidParameter.EmailInvalid                  | The email address is incorrect.                                                |
| InvalidParameter.EmailNotVerified              | Sorry, the email address of your account has not been verified.                |
| InvalidParameter.EmailOrQqInvalid              | Enter a valid email address or UIN.                                            |
| InvalidParameter.EmailSame                     | The domain is already under the account.                                       |
| InvalidParameter.GroupIdInvalid                | The group ID is incorrect.                                                     |
| InvalidParameter.GroupNameExists               | The group name already exists.                                                 |
| InvalidParameter.GroupNameInvalid              | The group name can contain 1–17 characters.                                    |



|                                           |                                                                                                                     |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| InvalidParameter.InvalidWeight            | The weight is invalid. Enter an integer between 0 and 100.                                                          |
| InvalidParameter.JobGreaterThanLimit      | The number of tasks exceeds the upper limit.                                                                        |
| InvalidParameter.LockDaysInvalid          | The locking period is incorrect.                                                                                    |
| InvalidParameter.LoginTokenIdError        | The token ID is incorrect.                                                                                          |
| InvalidParameter.LoginTokenNotExists      | The token passed in does not exist.                                                                                 |
| InvalidParameter.LoginTokenValidateFailed | Failed to verify the token.                                                                                         |
| InvalidParameter.MobileNotVerified        | Sorry, the mobile number of your account has not been verified.                                                     |
| InvalidParameter.MxInvalid                | The MX priority is incorrect.                                                                                       |
| InvalidParameter.OffsetInvalid            | The pagination offset value is incorrect.                                                                           |
| InvalidParameter.OperateFailed            | Operation failed. Please try again later.                                                                           |
| InvalidParameter.OtherAccountUnrealName   | Your account identity has not been verified. Complete identity verification first before performing this operation. |
| InvalidParameter.ParamInvalid             | Parameter format error.                                                                                             |
| InvalidParameter.ParamsIllegal            | The parameter is invalid, so the request was rejected.                                                              |
| InvalidParameter.ParamsMissing            | The parameter is incorrect.                                                                                         |
| InvalidParameter.QcloudUinInvalid         | The user UIN is invalid.                                                                                            |
| InvalidParameter.QuhuiTxtNotMatch         |                                                                                                                     |
| InvalidParameter.QuhuiTxtRecordWait       | The TXT record was not set or has not taken effect. Try again later.                                                |
| InvalidParameter.RecordIdInvalid          | The record number is incorrect.                                                                                     |
| InvalidParameter.RecordLineInvalid        | The record split zone is incorrect.                                                                                 |
| InvalidParameter.RecordTypeInvalid        | The record type is incorrect.                                                                                       |
| InvalidParameter.RecordValueInvalid       | The record value is incorrect.                                                                                      |
| InvalidParameter.RecordValueLengthInvalid | The DNS record value is too long.                                                                                   |

|                                          |                                                                                                                                                                       |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| InvalidParameter.RecordsEmpty            | No records have been submitted.                                                                                                                                       |
| InvalidParameter.RemarkLengthExceeded    | The length of the remarks exceeds the limit.                                                                                                                          |
| InvalidParameter.RemarkTooLong           | The remarks are too long (max 200 characters).                                                                                                                        |
| InvalidParameter.RequestIpLimited        | Your IP is invalid, so the request was rejected.                                                                                                                      |
| InvalidParameter.ResultMoreThan500       | The search results contain more than 500 entries.<br>Add one or more keywords.                                                                                        |
| InvalidParameter.SubdomainInvalid        | The subdomain is incorrect.                                                                                                                                           |
| InvalidParameter.TooManyInvalidDomains   | The current account has too many invalid domains and is unable to use this feature. Point the DNS server of existing domains to DNSPod correctly and try adding them. |
| InvalidParameter.ToolsDomainInvalid      | The domain is invalid.                                                                                                                                                |
| InvalidParameter.UnlockCodeExpired       | The unlock code has expired.                                                                                                                                          |
| InvalidParameter.UnlockCodeInvalid       | The unlock code is incorrect.                                                                                                                                         |
| InvalidParameter.UnrealNameUser          | Your account identity has not been verified.<br>Complete identity verification first before performing this operation.                                                |
| InvalidParameter.UrlValueIllegal         | Sorry, the URL failed to be added/enabled because its content did not comply with the DNSPod Terms of Service. Please contact technical support for assistance.       |
| InvalidParameter.UserAreaInvalid         | The account is not a Tencent Cloud user.                                                                                                                              |
| InvalidParameter.UserNotExists           | The user does not exist.                                                                                                                                              |
| InvalidParameterValue.DomainGradeInvalid | The domain level is incorrect.                                                                                                                                        |
| InvalidParameterValue.DomainNotExists    | The current domain is incorrect. Return to the previous step and try again.                                                                                           |
| InvalidParameterValue.LimitInvalid       | Error in number of entries per page.                                                                                                                                  |
| InvalidParameterValue.UserIdInvalid      | The user number is incorrect.                                                                                                                                         |
| LimitExceeded.AAAACountLimit             | The number of AAAA records exceeds the limit.                                                                                                                         |
| LimitExceeded.AtNsRecordLimit            | The @NS record can be set to the default split zone                                                                                                                   |

|                                             |                                                                                                                                                                                            |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                             | only.                                                                                                                                                                                      |
| LimitExceeded.DomainAliasCountExceeded      | The number of aliases has reached the limit.                                                                                                                                               |
| LimitExceeded.DomainAliasNumberLimit        | The number of currently bound aliases has reached the limit.                                                                                                                               |
| LimitExceeded.FailedLoginLimitExceeded      | Your account has been banned by the system due to excessive failed login attempts.                                                                                                         |
| LimitExceeded.GroupNumberLimit              | The number of groups has reached the upper limit.                                                                                                                                          |
| LimitExceeded.HiddenUrlExceeded             | The DNS plan used by this domain does not support framed URL forwarding, or the number of framed URL forward records exceeds the limit. To use this feature, please purchase more records. |
| LimitExceeded.NsCountLimit                  | The number of NS records exceeds the limit.                                                                                                                                                |
| LimitExceeded.RecordTtlLimit                | The TTL value of the record exceeds the limit.                                                                                                                                             |
| LimitExceeded.SrvCountLimit                 | The number of SRV records exceeds the limit.                                                                                                                                               |
| LimitExceeded.SubdomainLevelLimit           | The number of subdomain levels exceeds the limit.                                                                                                                                          |
| LimitExceeded.SubdomainRollLimit            | The number of round-robin DNS records of the subdomain exceeds the limit.                                                                                                                  |
| LimitExceeded.SubdomainWcardLimit           | The number of wildcard levels exceeds the limit.                                                                                                                                           |
| LimitExceeded.UrlCountLimit                 | The number of URL forward records of this domain exceeds the limit. To continue using this feature, please purchase more records.                                                          |
| OperationDenied.AccessDenied                | You have no permission for this operation.                                                                                                                                                 |
| OperationDenied.DomainOwnerAllowedOnly      | Only the domain owner can perform this operation.                                                                                                                                          |
| OperationDenied.IPInBlacklistNotAllowed     | Sorry, you cannot add a blocked IP.                                                                                                                                                        |
| OperationDenied.NoPermissionToOperateDomain | You have no permission to perform operations on the current domain. Return to the domain list.                                                                                             |
| OperationDenied.NotAdmin                    | You are not an admin.                                                                                                                                                                      |
| OperationDenied.NotAgent                    | You are not a proxy user.                                                                                                                                                                  |
| OperationDenied.NotManagedUser              | The user is not under your account.                                                                                                                                                        |
|                                             |                                                                                                                                                                                            |

|                                           |                                                                                                                                  |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| RequestLimitExceeded.BatchTaskLimit       | Too many tasks have been added for your IP. Try again later.                                                                     |
| RequestLimitExceeded.CreateDomainLimit    | A great number of domains have been added under your account in a short period of time. Control the frequency of adding domains. |
| RequestLimitExceeded.RequestLimitExceeded | The number of API requests exceeds the limit.                                                                                    |
| ResourceNotFound.NoDataOfDomainAlias      | There is no domain alias.                                                                                                        |
| ResourceNotFound.NoDataOfRecord           | Empty record list.                                                                                                               |