

API Gateway Console Product Documentation



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Console

Last updated : 2023-12-22 10:10:14

How do I determine the backend URL based on the backend path?

If the incoming request is `/product/apigw/document` , and the API with the frontend path of `/product/` is hit:

When the backend path is an empty string, the backend URL is `/apigw/document` .

When the backend path is `/tencent/` , cut off `/product/` and paste the rest behind the path in the backend, and then the backend URL becomes `/tencent/apigw/document` .

How do I determine the API hit priority?

If the API path starts with `=` , it has the highest priority, and exact match is used.

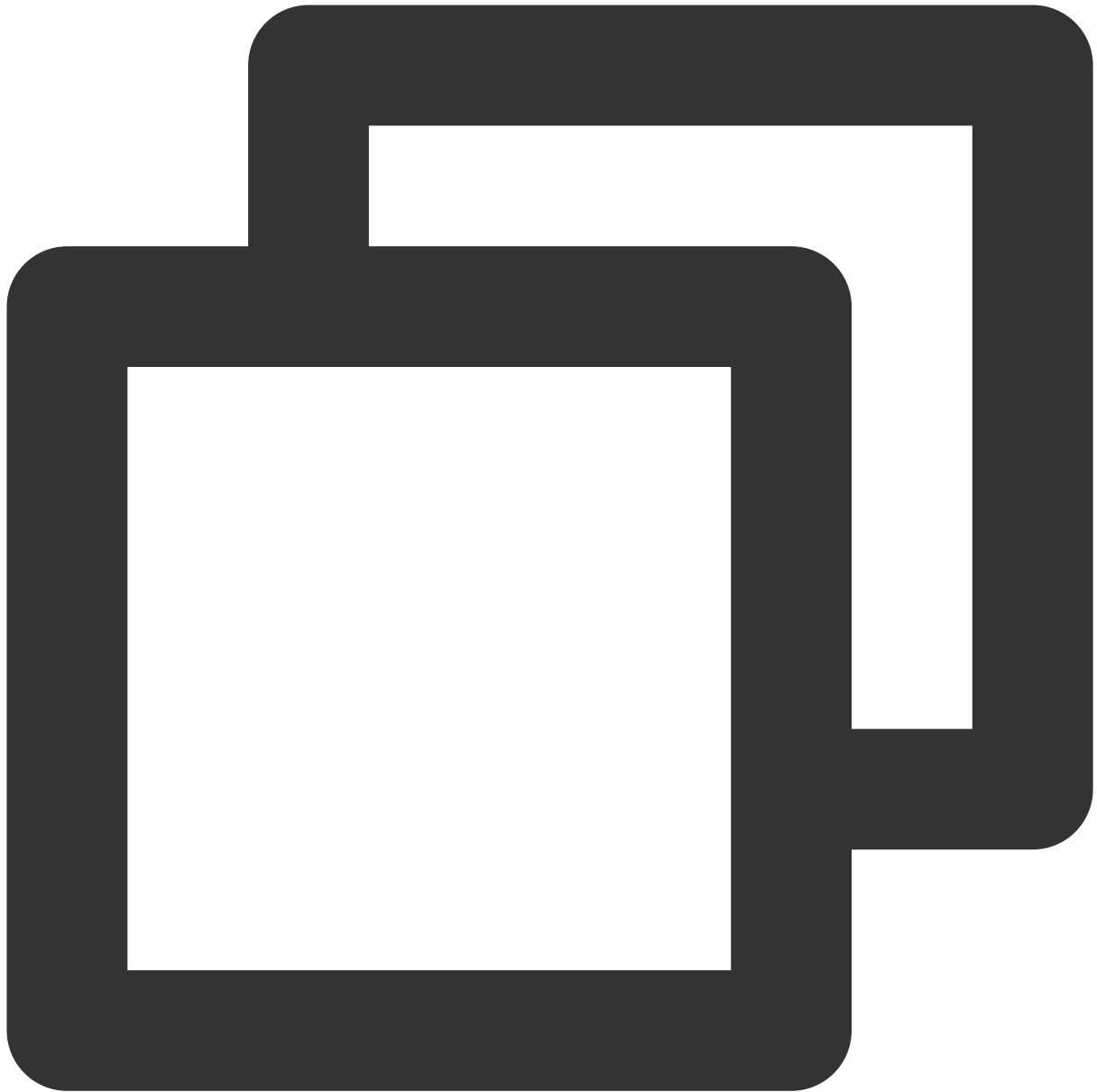
If the API path starts with `^~` , it has the second priority and cannot contain regular expressions. The prefix match is used.

If the API path is a regular expression including path variables, it has the third priority.

If the API path is a normal string, the longest string has the highest priority. The longest match is used.

How do I configure API Gateway to support CORS?

When creating an API, if you select "Support CORS", then API Gateway will support cross-origin requests. The default configuration is as follows:



```
#define CORS_DEFAULT_AC_ALLOW_ORIGIN    ("*")

#define CORS_DEFAULT_AC_ALLOW_METHODS    ("GET,POST,PUT,DELETE,HEAD,OPTIONS,PATCH")

#define CORS_DEFAULT_AC_ALLOW_CREDENTIALS    ("true")

#define CORS_DEFAULT_AC_ALLOW_HEADERS    ("X-API-ID,X-Service-RateLimit,X-UsagePlan-R

#define CORS_DEFAULT_AC_EXPOSE_HEADERS    (CORS_DEFAULT_AC_ALLOW_HEADERS)

#define CORS_DEFAULT_AC_MAX_AGE    ("86400")
```

What should I do if an API request fails?

After a user creates an API service, call failures often occur and the following prompt is returned:

```
{"message": "There is no api match uri[\\api\\v1\\tool\\123\\ico] host  
[service-asoj98o0-1251762227.ap-guangzhou.apigateway.myqcloud.com]"} }
```

Check whether the API service has been released in an environment.

A created API service can be called only after it is released in an environment. If it is modified, it won't take effect until it is released again.

If a service is released in different environments, the default call address should contain the environment name, such as:

```
service-asoj98o0-1251762227.ap-guangzhou.apigateway.myqcloud.com/release/user path
```

How do I map the frontend and backend parameters if the API configuration contains path parameters?

When the frontend configuration contains a fixed string and path parameters, for example, the frontend path is

`/ {PathA} / {PathB} / detail` , if the incoming request is `/middleware/apigw/detail` , the value of PathA parameter delivered to the backend is `middleware` , and the value of PathB parameter is `apigw` .

When the frontend configuration contains a fixed string and path parameters, for example, the frontend path is

`/ {PathA} / product / {PathB}` , if the incoming request is `/middleware/product/apigw/detail` , the value of PathA parameter delivered to the backend is `middleware` , and the value of PathB parameter is `apigw/detail` .

When the frontend configuration only contains path parameters, for example, the frontend path is

`/ {PathA} / {PathB}` , if the incoming request is `/middleware/apigw/detail` , the value of PathA parameter delivered to the backend is `middleware/apigw` , and the value of PathB parameter is `detail` .

Note:

For microservice APIs, we recommend that you do not define both X-NameSpace-Code and X-MicroService-Name as the Path parameters. If you need to do so, please use a fixed string, for example, `/ {X-NameSpace-Code} / {X-MicroService-Name} / service`.