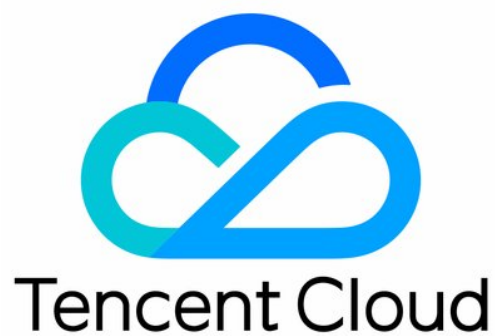


API Gateway

FAQs

Product Introduction



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FAQs

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URL Organization in the Background

If the incoming request is `/release/apia/20171012/index.html`, the API with the path of `/apia/` is hit:

- If the backend path is an empty string, the URL transferred to the backend is `/apia/20171012/index.html`.
- If the backend path is `/endpoint/`, cut off `/apia/` and paste the rest behind the path in the backend, and then the URL becomes `/endpoint/20171012/index.html`.

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.

API Gateway Supports CORS

When creating an API, if you select "Support CORS", then API Gateway supports cross-domain 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-Rate
Limit,X-UsagePlan-Quota,Cache-Control,Connection,Content-Disposition,Date,Keep-Alive,Pragm
a,Via,Accept,Accept-Charset,Accept-Encoding,Accept-Language,Authorization,Cookie,Expect,Fro
m,Host,If-Match,If-Modified-Since,If-None-Match,If-Range,If-Unmodified-Since,Range,Origin,Re
ferer,User-Agent,X-Forwarded-For,X-Forwarded-Host,X-Forwarded-Proto,Accept-Range,Age,Co
```

```
Content-Range,Content-Security-Policy,ETag,Expires,Last-Modified,Location,Server,Set-Cookie,Trailer,Transfer-Encoding,Vary,Allow,Content-Encoding,Content-Language,Content-Length,Content-Location,Content-Type")
```

```
#define CORS_DEFAULT_AC_EXPOSE_HEADERS (CORS_DEFAULT_AC_ALLOW_HEADERS)
```

```
#define CORS_DEFAULT_AC_MAX_AGE ("86400")
```

API Request Failure

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 published in an environment.

A created API can be called only after the service is published into the environment. If an API is modified, it won't take effect until the service is republished.

If a service is published in different environments, the default calling address must carry the environment name, such as:

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