

Bandwidth and Volume Traffic

Endpoint

Request URL: stat/bandwidth (GET)

Endpoint Domain Name: `cdn.api.baishan.com`

Endpoint Version: `v2`

Endpoint Description

Use this API to monitor your service' s bandwidth and traffic volume. When multiple domain names are passed in, the sum of the total bandwidth/volume is returned. Unit: bit/second. When the domains variable is set to `all`, the sum of all active domain' s bandwidth/volume is returned. (Deleted or suspended domains are not taken into the calculation.)

Notice: The default data statistical granularity is 5 minutes. When the bandwidth is 0, it is not displayed by default. See the Response Header section for information on call frequency limit.

API Parameters

Notice: Please request the API token from your account team.

Request Parameters (GET)

Add request parameters to the URL query strings, i.e. ?key1=value1&key2=value2.

Parameter	Data Type	Requirement	Description
domains	string	Required	Domain names. Separate domain names by a comma (.). Up to 10 domain names at a time. all means all domains names, For example, aa.qingcdn.com,bb.qingcdn.com
start_time	string	Required	Start time in the format of YYYY-mm-dd or YYYY- mm-dd HH:ii. For example, 2017-04-26 retrieves bandwidth/traffic data starting at 2017-04-26 00:00.
end_time	string	Required	End time in the format of YYYY-mm-dd or YYYY- mm-dd HH:ii. For example, 2017-04-26 retrieves bandwidth/traffic data ending at 2017-04-26 23:59. The end time has to be greater than start time but must be within the range of 31 days.

Parameter	Data Type	Requirement	Description
grad	string	Not Required	Granularity of the data. <code>minute5</code> by default. The options are <code>minute5</code> (5 minutes), <code>hour</code> , or <code>day</code> . When choosing <code>minute5</code> , the start time to end time range can not exceed 10 days.
data_type	string	Not Required	Type of data to retrieve, such as <code>traffic</code> or <code>bandwidth</code> . The value is <code>bandwidth</code> by default.
ip_protocol	string	Not Required	IP Protocol of the data, such as <code>ipv6</code> and <code>ipv4</code> , The value is <code>all</code> (total IP Protocol) by default.

Sample Request:

```
curl -X GET "https://cdn.api.baishan.com/v2/stat/bandwidth?token=xxx&start_time=2017-02-03 12:14&end_time=2017-02-03 12:30&domains=all"
```

Sample Response

Json format.

```
{
  "code": 0, //code 0 means success
  "data": [
```

```
[
  1503244800, //Time stamp, minute 5 granularity
  208706182.29 //Bandwidth value in bps
],
[
  1503245100,
  202799878.64
],
[
  1503330600,
  248881899.04
],
[
  1503330900,
  242017854.58
]
] }
```

Response Header

```
HTTP/1.0 200 OK
Api-Id:      1039
Content-Type: application/json; charset=utf-8
X-Ratelimit-Grad: minute //Unit of the request number limit
```

X-Ratelimit-Limit: 300 // 300 requests (calls) per minutes maximum

X-Ratelimit-Remaining: 99 //99 calls left for the current minute X-Retry-After: 21 //the rate limit resets in 21 seconds

HTTP Status Codes

Error Code	Description
404	Bad request URLs.
401	Authorization Error: Invalid token or lack of access.
400	Bad request parameters.
200	Success.
5xx	Please contact your account team.