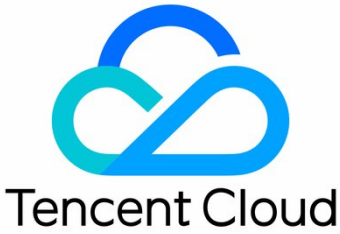
Short Message Service

Development Guide (2.0)

Product Documentation



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Development Guide (2.0)
SMS API
API Overview

Last updated : 2018-08-23 19:44:28

SMS Text Message APIs

API Name	Description
Send Single SMS Message with Specified Template	Send SMS verification code, SMS notification or marketing SMS message to a single user with specified template
Send Bulk SMS Messages with Specified Template	Send bulk SMS notifications or marketing SMS messages to a group of users with specified template
SMS Message Delivery Status Notification	Tencent Cloud SMS service notifies the delivery status of SMS messages to the business side by calling back the service URL
SMS Message Reply	Tencent Cloud SMS service notifies the business side that user has replied to the SMS message by calling back the service URL
Pull SMS Message Status	Pull the SMS message status, such as delivery status and reply
Pull SMS Message Status of a Single Mobile Number	Pull the SMS message status for a single number, such as delivery status and reply

Template APIs

API Name	Description
Add SMS Message Template	Add an SMS text message (or voice message) template
Modify SMS Message Template	Modify an SMS text message (or voice message) template
Delete SMS Message Template	Delete an SMS text message (or voice message) template
Query SMS Message Template Status	Query the status of the SMS text message (or voice message) template you applied for

Signature APIs

API Name	Description
Add SMS Signature	Add an SMS signature
Modify SMS signature	Modify the specified SMS signature
Delete SMS signature	Delete the specified SMS signature
Query SMS Signature Status	Query the status of the SMS signature you applied for

Statistics APIs

API Name	Description

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API Name	Description
Delivery Statistics	Obtain the delivery status of SMS messages for a specified time range (number of SMS messages sent, number of SMS messages sent successfully, number of SMS messages billed)
Report Statistics	Obtain the report status of SMS messages for a specified time range (number of SMS messages submitted successfully, reports, successful reports, deleted reports and failure distribution)

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SMS API
Templated Single SMS

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API Description

Feature

This API is used to send the SMS verification code, SMS notification, marketing SMS (not more than 450 characters) to users.

URL Example

`POST https://yun.tim.qq.com/v5/tlssmssvr/sendsms?sdkappid=xxxxx&random=xxxx`

Note: Replace `xxxxx` in the field `sdkappid=xxxxx` with the sdkappid you applied for on Tencent Cloud, and replace `xxxx` in the field `random=xxxx` with a random number.

Request Parameters

```
{
"ext": "",
"extend": "",
"params": [
"Verification code",
"1234",
"4"
],
"sig": "ecab4881ee80ad3d76bb1da68387428ca752eb885e52621a3129dcf4d9bc4fd4",
"sign": "Tencent Cloud",
"tel": {
"mobile": "13788888888",
"nationcode": "86"
},
"time": 1457336869,
"tpl_id": 19
}
```

Parameter	Required	Type	Description
ext	No	String	User's session content (optional). The Tencent server returns it as is. You can leave it empty if it is not needed.
extend	No	String	Extended SMS code which is valid only when it is a pure numeral string. It is not enabled by default. Contact SMS Helper to enable it.
params	Yes	Array	Template parameters. If the template has no parameters, leave it empty.
sig	Yes	String	App credential. For more information on the calculation, please see the following.
sign	No	String	SMS signature. To use the default signature, leave this field with the default value.
tel	Yes	Object	Phone number. If you need to use the universal international phone number format, such as "+8613788888888", use the API "sendisms". For more information, please see the following.
time	Yes	Number	The time to initiate the request. It is a unix timestamp (in sec). A failure message is returned if the time difference between the unix timestamp and the system time is greater than 10 minutes.
tpl_id	Yes	Number	The template ID approved on the console

- Parameter `tel` :

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Parameter	Required	Type	Description
mobile	Yes	String	Mobile number
nationcode	Yes	String	Country code

Notes:

1. The approved template ID needs to be entered in the "tpl_id" field. Based on the above request parameters, the issued content is: "[Tencent Cloud] Your verification code is 1234. This verification code is valid for 4 minutes. If you are not using our service, ignore this message."
   If you have multiple SMS signatures, place the needed SMS signature in the "sign" field.
   For example, if you have two signatures, "[Tencent Technology]" and "[Tencent Cloud]", and you want to send an SMS message with "[Tencent Cloud]", the "sign" field can be: "Tencent Cloud".
2. For the API sendisms, the "tel" field is in the universal international phone number format, such as "+8613788888888".
3. The "sig" field is generated according to the formula sha256(appkey=$appkey&random=$random&time=$time&mobile=$mobile).
   The pseudo codes are as follows:

```
string strMobile = "13788888888"; //The content of the "mobile" field of "tel"
string strAppKey = "5f03a35d00ee52a21327ab048186a2c4"; //The appkey for the sdkappid, which must be kept confidential
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //The unix timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869&mobile=13788888888)
= ecab4881ee80ad3d76bb1da68387428ca752eb885e52621a3129dcf4d9bc4fd4;
```

Response Parameters

```
{
"result": 0,
"errmsg": "OK",
"ext": "",
"fee": 1,
"sid": "xxxxxxx"
}
```

Parameter	Required	Type	Description
result	Yes	Number	Error code. 0: Successful (basis for billing). Other values: Failed. For more information, please see Error Codes.
errmsg	Yes	String	Error message. The specific error message when the "result" is not 0
ext	No	String	User's session content. The Tencent server returns it as is.
fee	No	Number	Number of SMS messages billed. About Billing
sid	No	String	Delivery ID, indicating an SMS delivery record

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Templated Bulk SMS

Last updated : 2018-08-30 17:59:42

1 Protocol Descriptions

Protocol	HTTP POST
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/v5/tlssmssvr/sendmultisms2?sdkappid=xxxxx&random=xxxx
API description	Send notification or marketing SMS messages to a group of users. This API is only available for bulk/single SMS messages to mobile phones in China (no more than 200 mobile numbers and 450 characters per time). Note: Enter the applied SDKAppID as sdkappid, and a random number as random.

2 Request Packet

The packet is a JSON string with the following parameters:

```
{
"tel": [
{
"nationcode": "86", //Country code
"mobile": "13788888888" //Mobile number
},
{
"nationcode": "86", //Country code
"mobile": "13788888889" //Mobile number
}
],
"sign": "Tencent Cloud ", //SMS signature. To use default signature, leave this field with the default value
"tpl_id": 19, //Template ID approved on the console
//Sample template: Your {1} is {2}. This verification code is valid for {3} minutes. If you are not using our service, ignore the message.
"params": [
"Verification code",
"1234",
"4"
], //Parameters, which correspond to {1}, {2}, and {3} in the above sample template
"sig": "be66bb4aeb54701ed0637d0996a0b75111d5b8eda9b3a71bdc579a3d26f3edfb", //App credential. For more information on the calculation, please see the following
"time": 1457336869, //UNIX timestamp, i.e. the time to initiate the request. A failure message will be returned if the time difference between the UNIX timestamp and the system time is greater than 10 minutes
"extend": "", //The extended code of the channel (optional). Disabled by default. (A value must be specified.)
//In the SMS reply scenario, the Tencent server returns it as is for developers to distinguish the specific reply type
"ext": "" //User's session content (optional). The Tencent server returns it as is. You can leave it empty if it is not needed.
}
```

Notes:

1. A maximum of 200 mobile numbers are allowed per time for bulk messaging.
2. The approved template ID needs to be entered in the "tpl_id" field. Based on the above request parameters, the issued content is: "[Tencent Cloud] Your verification code is 1234. This verification code is valid in 4 minutes. If you are not using our service, ignore the message."
   If you have multiple SMS signatures, place the needed SMS signature in the "sign" field.
   For example, if you have two signatures of "[Tencent Technology]" and "[Tencent Cloud]", and you want to send an SMS message with "[Tencent Cloud]", the "sign" field can be "Tencent Cloud".
3. To configure the "extend" field, contact SMS Helper.
4. The "sig" field is generated according to the formula sha256(appkey=$appkey&random=$random&time=$time&mobile=$mobile)
   The pseudo codes are as follows:

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```
string strMobile = "13788888888,13788888889"; //The parameter value of tel's "mobile" field is separated with ","
string strAppKey = "5f03a35d00ee52a21327ab048186a2c4"; //The corresponding appkey of sdkappid, which must be kept confidential at the busin
ess side.
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //UNIX timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869&mobile=13788888888,13788888889)
= be66bb4aeb54701ed0637d0996a0b75111d5b8eda9b3a71bdc579a3d26f3edfb;
```

3 Response Packet

```
{
"result": 0, //0: Successful. Other values: Failed (no detail list)
"errmsg": "OK", //The specific error message when the "result" is not 0
"ext": "", //User's session content. The Tencent server returns it as is.
"detail": [
{
"result": 0, //0: Successful (the basis for billing). Other values: Failed
"errmsg": "OK", //The specific error message when the "result" is not 0
"mobile": "13788888888", //Mobile number
"nationcode": "86", //Country code
"sid": "xxxxxxx", //Indicate the ID of this delivery as well as an SMS delivery record
"fee": 1 //Number of SMS messages billed
},
{
"result": 0, //0: Successful (the basis for billing). Other values: Failed
"errmsg": "OK", //The specific error message when the "result" is not 0
"mobile": "13788888889", //Mobile number
"nationcode": "86", //Country code
"sid": "xxxxxxx", //Indicate the ID of this delivery as well as an SMS delivery record
"fee": 1 //Number of SMS messages billed
}
]
}
```

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Notification of MT SMS Delivery Status

Last updated : 2018-08-30 17:59:46

1 Protocol Descriptions

Protocol	HTTP JSON
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/sms/smscallback
API description	After an SMS is sent to a user, Tencent Cloud SMS service notifies the business side of the delivery status of the SMS by calling back the service URL.

2 Request Packet

The packet is in JSON format with the following parameters:

```
[
{
"user_receive_time": "2015-10-17 08:03:04", //The time the user actually received the message
"nationcode": "86", //Country code
"mobile": "13xxxxxxxxx", //Mobile number
"report_status": "SUCCESS", //The actual SMS receiving status. SUCCESS: successful, FAIL: failed
"errmsg": "DELIVRD", //Code that defines the SMS receiving status
"description": "The SMS message is successfully sent ", //Description of the SMS receiving status
"sid": "xxxxxxx" //Indicate the ID of this delivery
},
{ }…
]
```

Notes:

1. A callback request may have results of multiple SMS requests returned.
2. For more information on "errmsg", see Error Codes for Status Report.

3 Response Packet

When receiving a callback request, the third party needs to give a response to Tencent Cloud SMS service in the following format:

```
{
"result": 0, //0: Successful. Other values: Failed
"errmsg": "OK" //The specific error message when the "result" is not 0
}
```

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SMS Reply

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1 Protocol Descriptions

Protocol	HTTP POST/GET/JSON
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/sms/smscallback
API description	After a user receives an SMS message and replies to it, Tencent Cloud SMS service notifies the business side of the SMS reply by calling back the service URL.

2 Request Packet

The packet is in JSON format with the following parameters:

```
{
"nationcode": "86", //Country code
"mobile": "13xxxxxxxxx", //Mobile number
"text": "User's reply",
"sign": "SMS signature",
"time": 1457336869, //UNIX timestamp
"extend": "Extended code" //The extended code of the channel (optional). If the "extend" field is specified in the API for sending SMS messag
es,
//when a user replies to an SMS message, Tencent server returns it as is for developers to distinguish the specific reply type.
}
```

3 Response Packet

When receiving a callback request, the third party needs to give a response to Tencent Cloud SMS service in the following format:

```
{
"result": 0, //0: Successful. Other values: Failed
"errmsg": "OK" //The specific error message when the "result" is not 0
}
```

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Pull SMS Status

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API Description

Description

This API is used to pull the SMS status, such as SMS delivery status and SMS reply.
The pulled content will not be returned again, which can be regarded as a message queue mechanism.
Contact SMS Helper to enable this feature.

URL Example

`POST https://yun.tim.qq.com/v5/tlssmssvr/pullstatus?sdkappid=xxxxx&random=xxxx`

Note: Replace `xxxxx` in the field `sdkappid=xxxxx` with the sdkappid you applied for on Tencent Cloud, and replace `xxxx` in the field `random=xxxx` with a random number.

Request Parameters

```
{
"max": 10,
"sig": "c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df",
"time": 1457336869,
"type": 1
}
```

Parameter	Required	Type	Description
max	Yes	Number	Number of entries pulled. Maximum value is 100
sig	Yes	String	App credential. For more information on the calculation, please see the following.

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Parameter	Required	Type	Description
time	Yes	Number	The time to initiate the request. It is a unix timestamp (in sec). A failure message is returned if the time difference between the unix timestamp and the system time is greater than 10 minutes.
type	Yes	Number	The type of pulled content. 0: SMS Delivery Status, 1: SMS Reply
Note:			
The "sig" field is generated based on the formula sha256(appkey=$appkey&random=$random&time=$time)			
The pseudo code is as follows:			
``json			
string strAppkey = "5f03a35d00ee52a21327ab048186a2c4"; //The appkey for the sdkappid, which must be kept confidential			
string strRand = "7226249334"; //The value of the "random" field in the URL			
string strTime = "1457336869"; //The Unix timestamp			
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869)			
= c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df;			
``			

Response Parameters

```
{
”count”: 3,
”data”: [],
”errmsg”: ”ok”,
”result”: 0
}
```

Parameter	Required	Type	Description

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Parameter	Required	Type	Description
count	Yes	Number	The number of returned message entries. It is valid when "result" is 0.
data	Yes	Array	For more information, please see Notification of SMS Delivery Status and SMS Reply.
errmsg	Yes	String	The specific error message when the "result" is not 0
type	Yes	Number	The type of pulled content. 0: SMS Delivery Status, 1: SMS Reply

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Pull SMS Status of a Single Mobile No.

Last updated : 2018-08-30 18:05:29

1 Protocol Descriptions

Protocol	HTTP POST
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/v5/tlssmssvr/pullstatus4mobile?sdkappid=xxxxx&random=xxxx
API description	Pull the SMS status of a mobile phone, such as SMS delivery status and SMS reply. Note: Enter the applied SDKAppID as sdkappid, and a random number as random.

2 Request Packet

```
{
"sig": "c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df", //App credential. For more information on the calculation, please see the following
"time": 1457336869, //UNIX timestamp, i.e. the time to initiate the request. A failure message will be returned if the time difference between the UNIX timestamp and the system time is greater than 10 minutes
"type": 1, //0: SMS delivery status. 1: SMS reply
"max": 10, //The maximum number of entries. The maximum: 100
"begin_time": 1464624000, //UNIX timestamp. The time to start pulling
"end_time": 1464706800, //UNIX timestamp. The time to end pulling
"nationcode": "86", //Country code
"mobile": "13788888888" //Mobile number
}
```

Note:

The "sig" field is generated according to the formula sha256(appkey=$appkey&random=$random&time=$time).

The pseudo codes are as follows:

```
string strAppkey = "5f03a35d00ee52a21327ab048186a2c4"; //The corresponding appkey of sdkappid, which must be kept confidential at the business side.
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //UNIX timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869)
= c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df;
```

3 Response Packet

```
{
"result": 0, //0: Successful. Other values: Failed
"errmsg": "ok", //The specific error message when the "result" is not 0
"count": 3, //The number of returned information entries. It is valid when "result" is 0
"data": [... //For more information, please see the following
]
}
```

Notes:

If the request type is 0, the content of the "data" field is same as SMS Delivery Status Notification

If the request type is 1, the content of the "data" field is same as SMS Reply

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Templated Single International SMS (ISMS)

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API Description

Description

This API is used to send international SMS messages.

URL Example

`POST https://yun.tim.qq.com/v5/tlssmssvr/sendisms?sdkappid=xxxxx&random=xxxx`

Note: Replace `xxxxx` in the field `sdkappid=xxxxx` with the sdkappid you applied for on Tencent Cloud, and replace `xxxx` in the field `random=xxxx` with a random number.

Request Parameters

```
{
”ext”: ””,
”extend”: ””,
”params”: [
”Verification code”,
”1234”,
”4”
],
”sig”: ”30db206bfd3fea7ef0db929998642c8ea54cc7042a779c5a0d9897358f6e9505”,
”sign”: ”Tencent Cloud”,
”tel”: ”+8613711112222”,
”time”: 1457336869,
”tpl_id”: 19
}
```

Parameter	Required	Type	Description
ext	No	String	User's session content (optional). The Tencent server returns it as is. You can leave it empty if it is not needed.
extend	No	String	Extended SMS code which is valid only when it is in a format of pure numeral string. It is not enabled by default. Contact SMS Helper to enable it.
params	Yes	Array	Template parameters. If the template has no parameters, leave it empty.
sig	Yes	String	App credential. For more information on the calculation, please see the following.
sign	No	String	SMS signature. To use the default signature, leave this field with the default value.
tel	Yes	String	International phone number. Format is `+[Country code][Phone number]` defined based on e.164 standard, for example: `+8613711112222` . It starts with a symbol `+` , followed by `86` (country code) and `13711112222` (phone number).
time	Yes	Number	The time to initiate the request. It is a unix timestamp (in sec). A failure message is returned if the time difference between the unix timestamp and the system time is greater than 10 minutes.
tpl_id	Yes	Number	The template ID approved on the console

Note:

1. The `tpl_id` field should be entered with the approved template ID.
   If the content corresponding to the template ID is " `Your {1} is {2} (valid for {3} minutes). If you are not using our service, ignore the message.` ", the message sent is " `[Tencent Cloud] Your verification code is 1234 (valid for 4 minutes). If you are not using our service, ignore the message.` ".

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If you have more than one SMS signatures, enter the required SMS signature in the `sign` field. For example, if you have two signatures, `Tencent Technology` and `Tencent Cloud`, and you want to send an SMS message with `Tencent Cloud`, the "sign" field can be `Tencent Cloud`.

2. The `sig` field is generated according to the formula `sha256(appkey=$appkey&random=$random&time=$time&mobile=$mobile)`.
   The pseudo code is as follows:

```
string strtel = "+8613788888888"; //The content of tel
string strAppKey = "5f03a35d00ee52a21327ab048186a2c4"; //The appkey for the sdkappid, which must be kept confidential
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //The Unix timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869&tel=+8613788888888)
= ecab4881ee80ad3d76bb1da68387428ca752eb885e52621a3129dcf4d9bc4fd4;
```

Response Parameters

```
{
"result": 0,
"errmsg": "OK",
"ext": "",
"nationcode":"86",
"fee": 1,
"sid": "xxxxxxx"
}
```

Parameter	Required	Type	Description
result	Yes	Number	Error code. 0: Successful (basis for billing). Other values: Failed. For more information, please see Error Codes
errmsg	Yes	String	Error message. The specific error message when the "result" is not 0
ext	No	String	User's session content. The Tencent server returns it as is.
nationcode	Yes	String	Country code
fee	No	Number	Number of SMS messages billed. About Billing
sid	No	String	Delivery ID, indicating an SMS delivery record

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Template API
Add Message Template

Last updated : 2020-09-16 18:13:14

1 Protocol Descriptions

Protocol	HTTP POST
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/v5/tlssmssvr/add_template?sdkappid=xxxxx&random=xxxx
API description	Add text SMS (or voice SMS) templates Note: Enter the applied SDKAppID as sdkappid, and a random number as random.

2 Request Packet

```
{
"sig": "c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df", //App credential. For more information on the calculation, please see the following
"time": 1457336869, //UNIX timestamp, i.e. the time to initiate the request. A failure message will be returned if the time difference between the UNIX timestamp and the system time is greater than 10 minutes
"title": "xxxxx", //Template name (optional)
"remark": "xxxxx", //Template notes (optional), such as reason for application and usage scenarios
"text": "xxxxx", //Template content
"type": 0 //0: common SMS template; 1: marketing SMS template; 2: voice SMS template
}
```

Note:
The "sig" field is generated according to the formula sha256(appkey=$appkey&random=$random&time=$time).
The pseudo codes are as follows:

```
string strAppkey = "5f03a35d00ee52a21327ab048186a2c4"; //The corresponding appkey of sdkappid, which must be kept confidential at the business side.
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //UNIX timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869)
= c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df;
```

3 Response Packet

```
{
"result": 0, //0: Successful. Other values: Failed
"msg": "", //The specific error message when the "result" is not 0
"data": {
"id": 123, //Template ID
"text": "xxxxx", //Template content
"status": 1, //0: Approved; 1: Pending approval; 2: Rejected
"type": 0 //0: common SMS template; 1: marketing SMS template; 2: voice SMS template
}
}
```

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Modify Template

Last updated : 2020-09-16 18:15:32

1 Protocol Descriptions

Protocol	HTTP POST
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/v5/tlssmssvr/mod_template?sdkappid=xxxxx&random=xxxx
API description	Modify text SMS (or voice SMS) templates Note: Enter the applied SDKAppID as sdkappid, and a random number as random.

2 Request Packet

```
{
"sig": "c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df", //App credential. For more information on the calculation, please see the following
"time": 1457336869, //UNIX timestamp, i.e. the time to initiate the request. A failure message will be returned if the time difference between the UNIX timestamp and the system time is greater than 10 minutes
"title": "xxxxx", //New template name (optional)
"remark": "xxxxx", //New template notes (optional), such as reasons for application and usage scenarios
"text": "xxxxx", //New template content
"tpl_id": 123, //ID of the template to be modified
"type": 0 //New template type. 0: common SMS template; 1: marketing SMS template; 2: voice SMS template
}
```

Note:

The "sig" field is generated according to the formula sha256(appkey=$appkey&random=$random&time=$time).

The pseudo codes are as follows:

```
string strAppkey = "5f03a35d00ee52a21327ab048186a2c4"; //The corresponding appkey of sdkappid, which must be kept confidential at the business side.
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //UNIX timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869)
= c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df;
```

3 Response Packet

```
{
"result": 0, //0: Successful. Other values: Failed
"msg": "", //The specific error message when the "result" is not 0
"data": {
"id": 123, //Template ID
"text": "xxxxx", //Template content
"status": 1, //0: Approved; 1: Pending approval; 2: Rejected
"type": 0 //0: common SMS template; 1: marketing SMS template; 2: voice SMS template
}
}
```

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Delete Template

Last updated : 2018-08-30 18:11:54

1 Protocol Descriptions

Protocol	HTTP POST
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/v5/tlssmssvr/del_template?sdkappid=xxxxx&random=xxxx
API description	Delete text SMS (or voice SMS) templates Note: Enter the applied SDKAppID as sdkappid, and a random number as random.

2 Request Packet

```
{
"sig": "c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df", //App credential. For more information on the calculation, please see the following
"time": 1457336869, //UNIX timestamp, i.e. the time to initiate the request. A failure message will be returned if the time difference between the UNIX timestamp and the system time is greater than 10 minutes
"tpl_id": [123, 124...] //Template ID, which can be specified with a value. For example, "tpl_id":123
}
```

Note:

The "sig" field is generated according to the formula sha256(appkey=$appkey&random=$random&time=$time).

The pseudo codes are as follows:

```
string strAppkey = "5f03a35d00ee52a21327ab048186a2c4"; //The corresponding appkey of sdkappid, which must be kept confidential at the business side.
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //UNIX timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869)
= c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df;
```

3 Response Packet

```
{
"result": 0, //0: Successful. Other values: Failed
"msg": "" //The specific error message when the "result" is not 0
}
```

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Template Status Query

Last updated : 2018-08-30 18:12:02

1 Protocol Descriptions

Protocol	HTTP POST
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/v5/tlssmssvr/get_template?sdkappid=xxxxx&random=xxxx
API description	Query the status of the applied text SMS (or voice SMS) templates Note: Enter the applied SDKAppID as sdkappid, and a random number as random.

2 Request Packet

```
{
"sig": "c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df", //App credential. For more information on the calculation, please see the following
"time": 1457336869, //UNIX timestamp, i.e. the time to initiate the request. A failure message will be returned if the time difference between the UNIX timestamp and the system time is greater than 10 minutes
"tpl_id": [123, 124,...], //Query the ID of the specified template. It cannot appear together with the "tpl_page" field
"tpl_page": //Query the information of all templates in pages. It cannot appear together with the "tpl_id" field. (The "total" field in the response package indicates the total number of templates)
{
"offset": 0, // Pull offset, whose initial value is 0. If you want to pull multiple times, the value must be the sum of the last offset and the value of the "max" field
"max": 10 // Number of entries pulled at a time. The maximum: 50
}
}
```

Note:

The "sig" field is generated according to the formula sha256(appkey=$appkey&random=$random&time=$time).

The pseudo codes are as follows:

```
string strAppkey = "5f03a35d00ee52a21327ab048186a2c4"; //The corresponding appkey of sdkappid, which must be kept confidential at the business side.
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //UNIX timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869)
= c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df;
```

3 Response Packet

```
{
"result": 0, //0: Successful. Other values: Failed
"msg": "", //The specific error message when the "result" is not 0
"total": 100, //The total number of templates in the App. It is valid when "result" is 0
"count": 3, //The number of returned information entries. The information content is in the "data" field. It is valid when "result" is 0
"data": [
{
"id": 123, //Template ID
"text": "xxxxx", //Template content
"status": 0, //0: Approved; 1: Pending approval; 2: Rejected
"reply": "xxxxx", //Approval information. If "status" is 2, the reason for rejection is provided
"type": 0 //0: common SMS template; 1: marketing SMS template; 2: voice SMS template
},...
```

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```
]
}
```

Signature API

Add SMS Signature

Last updated : 2018-08-30 18:13:14

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1 Protocol Descriptions

Protocol	HTTP POST
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/v5/tlssmssvr/add_sign?sdkappid=xxxxx&random=xxxx
API description	Add SMS signature Note: Enter the applied SDKAppID as sdkappid, and a random number as random.

2 Request Packet

```
{
"sig": "c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df", //App credential. For more information on the calculation, please see the following
"time": 1457336869, //UNIX timestamp, i.e. the time to initiate the request. A failure message will be returned if the time difference between the UNIX timestamp and the system time is greater than 10 minutes
"remark": "xxxxx", //Signature notes (optional), such as reasons for application and usage scenarios
"text": "xxxxx" //Signature content without []. For example, if [Tencent Technology] is used as the signature, "Tencent Technology" should be entered.
"pic":"xxxxx" //Add signature-related document screenshots in the format of string encoded with Base64 to the field (optional). The Base64 encoding tool: http://base64.xpcha.com/indexie.php
}
```

Note:

The "sig" field is generated according to the formula sha256(appkey=$appkey&random=$random&time=$time)

The pseudo codes are as follows:

```
string strAppkey = "5f03a35d00ee52a21327ab048186a2c4"; //The corresponding appkey of sdkappid, which must be kept confidential at the business side.
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //UNIX timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869)
= c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df;
```

3 Response Packet

```
{
"result": 0, //0: Successful. Other values: Failed
"msg": "", //The specific error message when the "result" is not 0
"data": {
"id": 123, //Signature ID
"text": "xxxxx", //Signature content
"status": 1, //0: Approved; 1: Pending approval; 2: Rejected
}
}
```

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Modify SMS Signature

Last updated : 2018-08-30 18:13:19

1 Protocol Descriptions

Protocol	HTTP POST
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/v5/tlssmssvr/mod_sign?sdkappid=xxxxx&random=xxxx
API description	Modify SMS signature Note: Enter the applied SDKAppID as sdkappid, and a random number as random.

2 Request Packet

```
{
"sig": "c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df", //App credential. For more information on the calculation, please see the following
"time": 1457336869, //UNIX timestamp, i.e. the time to initiate the request. A failure message will be returned if the time difference between the UNIX timestamp and the system time is greater than 10 minutes
"remark": "xxxxx", //New signature notes (optional), such as reasons for application and usage scenarios
"text": "xxxxx", //New signature content without []. For example, if [Tencent Technology] is used as the signature, "Tencent Technology" should be entered.
"sign_id": 123 //Signature ID of the signature to be modified
"pic":"xxxxx" //Add signature-related document screenshots in the format of string encoded with Base64 to the field (optional). The Base64 encoding tool: http://base64.xpcha.com/indexie.php
}
```

Note:

The "sig" field is generated according to the formula sha256(appkey=$appkey&random=$random&time=$time).

The pseudo codes are as follows:

```
string strAppkey = "5f03a35d00ee52a21327ab048186a2c4"; //The corresponding appkey of sdkappid, which must be kept confidential at the business side.
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //UNIX timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869)
= c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df;
```

3 Response Packet

```
{
"result": 0, //0: Successful. Other values: Failed
"msg": "", //The specific error message when the "result" is not 0
"data": {
"id": 123, //Signature ID
"text": "xxxxx", //Signature content
"status": 1, //0: Approved; 1: Pending approval; 2: Rejected
}
}
```

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Delete SMS Signature

Last updated : 2018-08-30 18:13:24

1 Protocol Descriptions

Protocol	HTTP POST
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/v5/tlssmssvr/del_sign?sdkappid=xxxxx&random=xxxx
API description	Delete SMS signature Note: Enter the applied SDKAppID as sdkappid, and a random number as random.

2 Request Packet

```
{
"sig": "c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df", //App credential. For more information on the calculation, please see the following
"time": 1457336869, //UNIX timestamp, i.e. the time to initiate the request. A failure message will be returned if the time difference between the UNIX timestamp and the system time is greater than 10 minutes
"sign_id": [123, 124...] //Signature ID, which can be specified with a value. For example, "sign_id":123
}
```

Note:

The "sig" field is generated according to the formula sha256(appkey=$appkey&random=$random&time=$time).

The pseudo codes are as follows:

```
string strAppkey = "5f03a35d00ee52a21327ab048186a2c4"; //The corresponding appkey of sdkappid, which must be kept confidential at the business side.
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //UNIX timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869)
= c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df;
```

3 Response Packet

```
{
"result": 0, //0: Successful. Other values: Failed
"msg": "" //The specific error message when the "result" is not 0
}
```

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SMS Signature Status Query

Last updated : 2018-08-30 18:13:28

1 Protocol Descriptions

Protocol	HTTP POST
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/v5/tlssmssvr/get_sign?sdkappid=xxxxx&random=xxxx
API description	Query the status of the applied SMS signature Note: Enter the applied SDKAppID as sdkappid, and a random number as random.

2 Request Packet

```
{
"sig": "c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df", //App credential. For more information on the calculation, please see the following
"time": 1457336869, //UNIX timestamp, i.e. the time to initiate the request. A failure message will be returned if the time difference between the UNIX timestamp and the system time is greater than 10 minutes
"sign_id": [123, 124,...] //Signature ID, which can be specified with a value. For example, "sign_id":123
}
```

Note:

The "sig" field is generated according to the formula sha256(appkey=$appkey&random=$random&time=$time).

The pseudo codes are as follows:

```
string strAppkey = "5f03a35d00ee52a21327ab048186a2c4"; //The corresponding appkey of sdkappid, which must be kept confidential at the business side.
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //UNIX timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869)
= c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df;
```

3 Response Packet

```
{
"result": 0, //0: Successful. Other values: Failed
"msg": "", //The specific error message when the "result" is not 0
"count": 3, //The number of returned information entries. The information content is in the "data" field. It is valid when "result" is 0
"data": [
{
"id": 123, //Signature ID
"text": "xxxxx", //Signature content
"status": 0, //0: Approved; 1: Pending approval; 2: Rejected
"reply": "xxxxx" // Approval information. If "status" is 2, the reason for rejection is provided
},...
]
}
```

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Statistics API
Delivery Statistics

Last updated : 2018-08-30 18:14:26

1 Protocol Descriptions

Protocol	HTTP POST
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/v5/tlssmssvr/pullsendstatus?sdkappid=xxxxx&random=xxxx
API description	Pull the SMS delivery status in a certain period of time (the number of SMS messages sent, the number of SMS messages sent successfully, the number of SMS messages billed) Note: Enter the applied SDKAppID as sdkappid, and a random number as random.

2 Request Packet

```
{
"sig": "c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df", //App credential. For more information on the calculation, please see the following
"time": 1457336869, //UNIX timestamp, i.e. the time to initiate the request. A failure message will be returned if the time difference between the UNIX timestamp and the system time is greater than 10 minutes
"begin_date": 2016090800, //Time to start pulling, which is accurate to hour. Format: yyyymmddhh
"end_date": 2016090823 //Time to end pulling, which is accurate to hour. Format: yyyymmddhh
}
```

Note:

The "sig" field is generated according to the formula sha256(appkey=$appkey&random=$random&time=$time).

The pseudo codes are as follows:

```
string strAppkey = "5f03a35d00ee52a21327ab048186a2c4"; //The corresponding appkey of sdkappid, which must be kept confidential at the business side.
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //UNIX timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869)
= c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df;
```

3 Response Packet

```
{
"result": 0, //0: Successful. Other values: Failed
"errmsg": "OK", //The specific error message when the "result" is not 0
"data": { //It is valid when "result" is 0
"request": 101, //SMS messages submitted
"success": 100, //SMS messages submitted successfully
"bill_number": 120 // SMS messages billed. For example, among all SMS messages that are submitted successfully, 20 messages are long messages, each with a length of 80 bytes. A long SMS message is divided into two messages. So, the number of SMS messages billed is 80*1+20*2=120.
}
}
```

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Devlivery Report Statistics

Last updated : 2020-08-03 10:43:46

1 Protocol Descriptions

Protocol	HTTP POST
Encoding format	UTF8
URL	For example: https://yun.tim.qq.com/v5/tlssmssvr/pullcallbackstatus?sdkappid=xxxxx&random=xxxx
API description	Pull the SMS report status in a certain period of time (the number of SMS messages submitted successfully, delivery reports, successful delivery reports, deleted delivery reports, and failure distribution) Note: Enter the applied SDKAppID as sdkappid, and a random number as random.

2 Request Packet

```
{
    "sig": "c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df", //App credential. For more information on the calculation, please see the following
    "time": 1457336869, //UNIX timestamp, i.e. the time to initiate the request. A failure message will be returned if the time difference between the UNIX timestamp and the system time is greater than 10 minutes
    "begin_date": 2016090800, //Time to start pulling, which is accurate to hour. Format: yyyymmddhh
    "end_date": 2016090823 //Time to end pulling, which is accurate to hour. Format: yyyymmddhh
}
```

Note:

The "sig" field is generated according to the formula sha256(appkey=$appkey&random=$random&time=$time).

The pseudo codes are as follows:

```
string strAppkey = "5f03a35d00ee52a21327ab048186a2c4"; //The corresponding appkey of sdkappid, which must be kept confidential at the business side.
string strRand = "7226249334"; //The value of the "random" field in the URL
string strTime = "1457336869"; //UNIX timestamp
string sig = sha256(appkey=5f03a35d00ee52a21327ab048186a2c4&random=7226249334&time=1457336869)
           = c13e54f047ed75e821e698730c72d030dc30e5b510b3f8a0fb6fb7605283d7df;
```

3 Response Packet

```
{
    "result": 0, //0: Successful. Other values: Failed
    "errmsg": "OK", //The specific error message when the "result" is not 0
    "data": { //It is valid when "result" is 0
        "success": 100, //SMS messages submitted successfully
        "status": 90, //Delivery reports
        "status_success": 80, //Successful delivery reports
        "status_fail": 10, //Deleted delivery report
        "status_fail_0": 2, //Operator's internal error
        "status_fail_1": 2, //Number is invalid or does not exist
        "status_fail_2": 2, //Out of service or powered off
        "status_fail_3": 2, //Blocklist
        "status_fail_4": 2 //Delivery frequency limit of operator
    }
}
```

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SMS SDK

SDK Download

Last updated：2019-12-03 16:33:05

Currently, SMS provides short message services within and outside Mainland China.

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- For use within Mainland China, which we call Mainland China SMS, SMS supports sending messages to a single recipient or group with or without a template, getting delivery reports, and pulling replies.
- For use outside Mainland China, which we call Global SMS, the APIs for sending messages to a single recipient or group within Mainland China can be directly used after replacing the corresponding country codes and mobile numbers.

SDK Name	SDK Documentation	GitHub Address
SDK for Java	SMS SDK for Java documentation	SMS SDK for Java
SDK for PHP	SMS SDK for PHP documentation	SMS SDK for PHP
SDK for Python	SMS SDK for Python documentation	SMS SDK for Python
SDK for JavaScript	SMS SDK for Node.js documentation	SMS SDK for Node.js
SDK for C#	SMS SDK for C# documentation	SMS SDK for C#
WeChat Mini Program	SMS for WeChat Mini Program Development Guide	SMS Demo

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Error Code

Last updated : 2020-08-03 10:43:10

Feature Description

If an API call fails, you can check the error information based on the error code.

Error Code List

Error Codes for SMS Delivery

Error Code	Reason	Solution
1001	sig verification failed.	Check the sig format of the API.
1002	Text SMS contains sensitive words.	Contactsms helperfor help
1003	sig field is missing or left empty in request packet.	Comply with the specifications in API description.
1004	Failed to resolve request packet. This is generally because the specifications in API description is not complied with.	Refer to 1004 error description.
1006	No permission to request.	Check error message. For other questions, provide the mobile number from which you failed to send SMS message when you contact SMS Helper.
1007	Other error	Check error message. For other questions, provide the mobile number from which you failed to send SMS message when you contact SMS Helper.
1008	Request to send text SMS timed out.	Rare occurrence. Try again.
1009	Request ip is not on the allowlist.	Verification of request's source ip has been configured, but the current request ip is not found in the configuration list. If necessary, contact SMS Helper.
1011	REST API does not exist.	Check REST API description.
1012	Signature format is incorrect or signature is not approved.	Signature is a combination of 2-12 characters comprised of Chinese, English letter and numbers only. If the signature format is correct, check whether it is approved.
1013	Text SMS hits the delivery frequency limit policy.	You can adjust the delivery frequency limit policy for text SMS messages on the console. For other SMS messages, contact SMS Helper.
1014	Template is not approved or request content does not match the approved template content.	Refer to 1014 error description.
1015	Number on the blocklist. This is generally because you unsubscribed from the SMS service or hit the operator's blocklist.	Contact SMS Helper to solve the problem.
1016	Incorrect number format	Refer to 1016 error description.
1017	The content of the requested SMS is too long.	For the length of SMS, refer to Rules for calculating the length of domestic short messages or Rules for calculating the length of international/HongKong/Macao/Taiwai short messages
1019	sdkappid does not exist.	

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Error Code	Reason	Solution
1020	sdkappid is disabled.	This sdkappid is unavailable. If necessary, contact SMS Helper.
1021	The time when the request was initiated is exceptional. This is generally because the difference between the time on your server and that on the Tencent Cloud server exceeds 10 minutes.	Check whether the server time and the time field in the API are normal.
1022	The number of business SMS messages sent every day exceeds the upper limit.	You can adjust the SMS delivery frequency limit policy on the console.
1023	The number of SMS messages sent from a single mobile number within 30 seconds exceeds the upper limit.	You can adjust the SMS delivery frequency limit policy on the console.
1024	The number of SMS messages sent from a single mobile number within 1 hour exceeds the upper limit.	You can adjust the SMS delivery frequency limit policy on the console.
1025	The number of SMS messages sent from a single mobile number every day exceeds the upper limit.	You can adjust the SMS delivery frequency limit policy on the console.
1026	The number of the same SMS messages sent from a single mobile number exceeds the upper limit.	You can adjust the SMS delivery frequency limit policy on the console.
1029	Time constraint on delivering marketing SMS messages.	To avoid disturbing users, marketing SMS messages are only allowed to be sent between 8:00 and 22:00.
1030	This request is not supported.	
1031	Insufficient balance in SMS package.	Purchase package.
1032	Individual user does not have the permission to send marketing SMS messages.	Refer to Difference of rights and interests
1033	Service is suspended due to arrears.	You can top up your account by logging in to Tencent Cloud to pay off the overdraft.
1034	In the mass request, there are both Chinese Mainland China mobile phone number and international / Hong Kong, Macao and Taiwan mobile phone number.	Please send China Mainland China and international / Hong Kong, Macao and Taiwan mobile phone numbers separately.
1036	There are more than 12 characters in a single template variable.	Enterprise Verification users do not limit the number of words for the value of a single variable, you can Change Identity verification model After being changed to an enterprise Verification user, the change will take effect for about 1 hour
1038	Verification code template. Only 0-6 digits (including 6 digits) can be passed in the template variable.	-
1045	Text messages in this area, deliver, are not supported.	-
1046	The number of mobile phone numbers submitted by API in a single call is more than 200.	Please abide byAPI explainedSpecification
1047	The number of deliver messages on international / Hong Kong, Macao and Taiwan short message days is limited.	If you need to adjust the restrictions, please contact Sms helperSolved
1048	Prohibit the use of URL in template variables	-
60008	Processing request timed out	Please see60008 detailed explanation of error

Error Codes for Status Report

If the following error occurs, please contact ISP to handle it. If the detailed error code information is not found in the following table, please contact Sms helper Communicate and solve.

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Error Code	Category	Description
-106	Three major operators	ISP keyword blocking
002	Three major operators	Turn off / stop / can't get through the phone / not in the service area
004	Three major operators	Downtime / number invalidation / number suspension
BD:LSTO	Three major operators	ISP gateway exception
BST-209	Three major operators	ISP blocklist
BST-210	Three major operators	ISP keyword blocking
BWLIST_006	Three major operators	Gateway Blocklist
DB:0108	Three major operators	ISP gateway exception
DB:13	Three major operators	Abnormal terminal signal
DB00141	Three major operators	ISP keyword blocking
DELIVRD	Three major operators	The user's SMS message was delivered successfully.
DISTURB	Three major operators	Too many times sending
ER:101	Three major operators	ISP blocklist
ERR:111	Three major operators	ISP gateway exception
ERR-209	Three major operators	ISP blocklist
ERR-210	Three major operators	ISP keyword blocking
IB:0182	Three major operators	ISP gateway exception
IC-0054	Three major operators	ISP keyword blocking
LN:9999	Three major operators	ISP gateway exception
MB:1013	Three major operators	ISP gateway blocking
MX:0003	Three major operators	The number of SMS messages sent from a single mobile number every day exceeds the upper limit.
MX:0012	Three major operators	The destination number is in the customer unsubscribe blocklist.

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Error Code	Category	Description
OVERDUE	Three major operators	Abnormal terminal exception
REJECTD	Three major operators	The short message was rejected for some reason
SC:0001	Three major operators	ISP keyword blocking
SME13	Three major operators	ISP blocklist
TD:0001	Three major operators	Gateway blocklist
TD:0004	Three major operators	Suspected fishing, please check
TD:18	Three major operators	Number from unknown ISP
TD:19	Three major operators	Blocklist number
TE:0002	Three major operators	Failed to submit SMS to the gateway
TE:0003	Three major operators	The number of SMS messages sent from a single mobile number every day exceeds the upper limit.
TE:0014	Three major operators	Manual examination failed.
TSBLACK	Three major operators	Complaint Blocklist
TX:2000	Three major operators	Failed to get signature subcode
TX:2001	Three major operators	Timeout for getting signature subcode
TX:2002	Three major operators	Failed to get signature subcode
TX:2003	Three major operators	Failed to parse signature
TX:3000	Three major operators	Failed to submit deliver
TX:3001	Three major operators	Deliver timeout
TX:4099	Three major operators	ISP gateway exception
TX:4100	Three major operators	ISP gateway exception
TX:4151	Three major operators	ISP gateway exception
WX-FAIL	Three major operators	ISP blocklist

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Error Code	Category	Description
UNDELIVRD	Three major operators	Invalid number, out-of-service phone or powered-off phone
XZ:0000	Three major operators	ISP keyword blocking
YX:9006	Three major operators	Multi-signature failed
YY:0206	Three major operators	ISP gateway exception
XA:0001	Three major operators	ISP gateway blocking
XA:0100	Three major operators	Frequency limit
XA:0139	Three major operators	ISP blocklist
-9990	China Mobile	Invalid number/Out of service/Shutdown
-9410	China Mobile	ISP blocklist
-9409	China Mobile	ISP blocklist
-9246	China Mobile	ISP blocklist
-9236	China Mobile	ISP frequency limit
-9235	China Mobile	ISP frequency limit
-9234	China Mobile	ISP frequency limit
-9233	China Mobile	ISP frequency limit
-9231	China Mobile	ISP frequency limit
-9224	China Mobile	ISP gateway exception
-9223	China Mobile	ISP keyword blocking
-9222	China Mobile	ISP keyword blocking
-9220	China Mobile	ISP blocklist
-9217	China Mobile	ISP gateway exception
-9212	China Mobile	ISP blocklist
-9211	China Mobile	ISP keyword blocking
-9203	China Mobile	Invalid number
-9014	China Mobile	ISP blocklist
-9013	China Mobile	ISP blocklist
-9012	China Mobile	ISP blocklist
-9009	China Mobile	ISP gateway exception
-9000	China Mobile	Abnormal transfer network with number
-1050	China Mobile	ISP keyword blocking
-1033	China Mobile	Failed to transfer to the network with number.

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Error Code	Category	Description
-1023	China Mobile	Failed to transfer to the network with number.
-1021	China Mobile	ISP keyword blocking
-1017	China Mobile	Invalid number
-1016	China Mobile	ISP gateway blocking
-1012	China Mobile	ISP blocklist
-1005	China Mobile	ISP blocklist
-1000	China Mobile	ISP gateway exception
-127	China Mobile	There are garbled codes in deliver's content.
-108	China Mobile	Invalid number
-104	China Mobile	ISP blocklist
-100	China Mobile	Out of service
-96	China Mobile	ISP keyword blocking
-94	China Mobile	ISP frequency limit
-14	China Mobile	ISP blocklist
-13	China Mobile	Invalid number, out-of-service phone or powered-off phone
001	China Mobile	Abnormal terminal signal
00202	China Mobile	Invalid number
03	China Mobile	ISP gateway blocking
7	China Mobile	China Mobile gateway internal exception
76	China Mobile	Keyword blocking
115	China Mobile	Keyword blocking
144	China Mobile	Blocklist
145	China Mobile	ISP frequency limit
188	China Mobile	ISP gateway exception
904	China Mobile	Out of service
1077	China Mobile	Blocklist
1243	China Mobile	Abnormal transfer network with number
431025	China Mobile	ISP frequency limit
431037	China Mobile	Failed to transfer to the network with number
431082	China Mobile	ISP blocklist
9992	China Mobile	Terminal storage exception, it is recommended that users clean their inbox
9994	China Mobile	Abnormal terminal signal
9997	China Mobile	Invalid number, out-of-service phone or powered-off phone
9998	China Mobile	Invalid number
9999	China Mobile	Failed to transfer to the network with number.

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Error Code	Category	Description
ADTFAIL	China Mobile	ISP keyword blocking
AICHECK	China Mobile	ISP keyword blocking
AUDIT:F	China Mobile	ISP Gateway blocking
BADSIGN	China Mobile	Invalid number
BEYONDN	China Mobile	ISP's internal errors
BD:0000	China Mobile	Transfer network with number
BD:0001	China Mobile	Frequency limit
BD:0002	China Mobile	ISP gateway exception
BD:0003	China Mobile	ISP keyword
BLACK0	China Mobile	Shutdown
BLKLIST	China Mobile	ISP blocklist
BST--1	China Mobile	ISP blocklist
BST-204	China Mobile	ISP blocklist
BWLIST	China Mobile	Gateway blocklist
C100100	China Mobile	Keyword
C100106	China Mobile	Exceed deliver's limit
CA:0051	China Mobile	ISP gateway exception
CA:0052	China Mobile	ISP gateway exception
CA:0054	China Mobile	China Mobile's internal error
CA:0111	China Mobile	ISP gateway exception
CA:8008	China Mobile	ISP gateway blocking
CA:8027	China Mobile	ISP blocklist
CA:9005	China Mobile	ISP gateway blocking
CA:9023	China Mobile	ISP blocklist
CB:0001	China Mobile	Invalid number/Services are not supported
CB:0002	China Mobile	ISP gateway exception
CB:0005	China Mobile	ISP gateway exception
CB:0007	China Mobile	ISP gateway exception
CB:0010	China Mobile	Exceed deliver's limit
CB:0013	China Mobile	Invalid number, out-of-service phone or powered-off phone
CB:0015	China Mobile	Invalid number, out-of-service phone or powered-off phone
CB:0016	China Mobile	ISP gateway exception
CB:0018	China Mobile	ISP gateway exception
CB:0022	China Mobile	ISP gateway exception
CB:0047	China Mobile	Invalid number/Services are not supported

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Error Code	Category	Description
CB:0053	China Mobile	Invalid number/Services are not supported
CB:0054	China Mobile	ISP gateway exception
CE:0211	China Mobile	ISP gateway blocking
CE:0301	China Mobile	Terminal memory exception
CE:0501	China Mobile	ISP gateway blocking
CHECK	China Mobile	ISP keyword blocking
CL:105	China Mobile	ISP gateway blocking
CL:116	China Mobile	ISP keyword blocking
CJ:007	China Mobile	Frequency limit
CJ:0006	China Mobile	Frequency limit
CJ:0007	China Mobile	ISP keyword blocking
CJ:0008	China Mobile	ISP keyword blocking
CM:8003	China Mobile	ISP keyword blocking
CMPP20ERR:	China Mobile	ISP gateway exception
CMPP30ERR:	China Mobile	Invalid number/Services are not supported
CONTENT	China Mobile	ISP keyword blocking
DA:0051	China Mobile	ISP gateway exception
DA:0052	China Mobile	ISP gateway exception
DA:0053	China Mobile	China Mobile gateway internal exception
DA:0054	China Mobile	No response message was received until the timeout
DA:0084	China Mobile	ISP gateway exception
DB:0000	China Mobile	ISP gateway exception
DB:0001	China Mobile	Terminal exception
DB:0002	China Mobile	ISP gateway exception
DB:0003	China Mobile	ISP gateway exception
DB:0004	China Mobile	ISP gateway exception
DB:0006	China Mobile	China Mobile gateway internal exception
DB:0007	China Mobile	China Mobile gateway internal exception
DB:0008	China Mobile	ISP gateway exception
DB:0009	China Mobile	China Mobile gateway internal exception
DB:0010	China Mobile	ISP's internal errors
DB:0100	China Mobile	Invalid number, out-of-service phone or powered-off phone
DB:0101	China Mobile	Invalid number, out-of-service phone or powered-off phone
DB:0102	China Mobile	Invalid number, out-of-service phone or powered-off phone
DB:0103	China Mobile	Invalid number, out-of-service phone or powered-off phone

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Error Code	Category	Description
DB:0104	China Mobile	ISP blocklist
DB:0105	China Mobile	ISP gateway exception
DB:0106	China Mobile	Service code error
DB:0107	China Mobile	ISP's internal errors
DB:0109	China Mobile	ISP gateway exception
DB:0110	China Mobile	ISP gateway exception
DB:0111	China Mobile	Invalid number/Services are not supported
DB:0112	China Mobile	ISP gateway exception
DB:0113	China Mobile	ISP gateway exception
DB:0114	China Mobile	ISP gateway exception
DB:0115	China Mobile	Temporarily unavailable
DB:0116	China Mobile	Temporarily unavailable
DB:0117	China Mobile	Temporarily unavailable
DB:0118	China Mobile	Temporarily unavailable
DB:0119	China Mobile	Temporarily unavailable
DB:0120	China Mobile	ISP gateway exception
DB:0121	China Mobile	ISP gateway exception
DB:0122	China Mobile	ISP gateway exception
DB:0123	China Mobile	ISP gateway exception
DB:0124	China Mobile	ISP gateway exception
DB:0125	China Mobile	ISP gateway exception
DB:0126	China Mobile	Abnormal transfer network with number
DB:0127	China Mobile	Out of service
DB:0128	China Mobile	Out of service
DB:0129	China Mobile	Abnormal transfer network with number
DB:0130	China Mobile	Invalid number/Services are not supported
DB:0131	China Mobile	Invalid number/Services are not supported
DB:0132	China Mobile	Invalid number/Services are not supported
DB:0133	China Mobile	Invalid number/Services are not supported
DB:0134	China Mobile	Invalid number/Services are not supported
DB:0135	China Mobile	Invalid number/Services are not supported
DB:0136	China Mobile	ISP gateway exception
DB:0137	China Mobile	ISP gateway exception
DB:0138	China Mobile	Invalid number/Services are not suppor

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