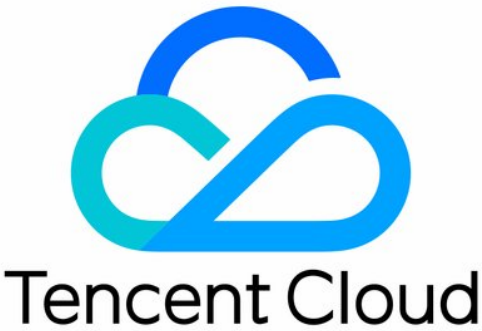
Short Message Service

API Documentation

Product Introduction



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API Documentation
API Overview

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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

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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
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

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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`:

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.

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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 mu
st 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=145
7336869&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

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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 va
lue
"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 o
ur service, ignore the message.
"params": [
"Verification code",
```

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```
"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:

```
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 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&mobile=13788888888,13788888889)
= be66bb4aeb54701ed0637d0996a0b75111d5b8eda9b3a71bdc579a3d26f3edfb;
```

3 Response Packet

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```
{
"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

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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 messages,
//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:

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```
{
"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

Last updated：2018-08-30 18:05:24

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.
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

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Note:
The "sig" field is generated based on the formula
sha256(appkey=$appkey&random=$random&time=$time)
The pseudo code is as follows:

```
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
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.
```

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```
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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Template API
Add Message Template

Last updated：2018-08-30 18:11:43

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.
```

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```
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=145
7336869)
= 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：2018-08-30 18:11:49

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:

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```
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;
```

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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:

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```
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

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:

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```
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:

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```
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;
```

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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;
```

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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" fie
ld. 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.
```

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```
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：2018-08-30 18:14:31

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 r eturned if the time difference between the UNIX timestamp and the system time is greater than 10 mi nutes
"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
```

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```
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, //Blacklist
"status_fail_4": 2 //Delivery frequency limit of operator
}
}
```

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