

# 使用指南

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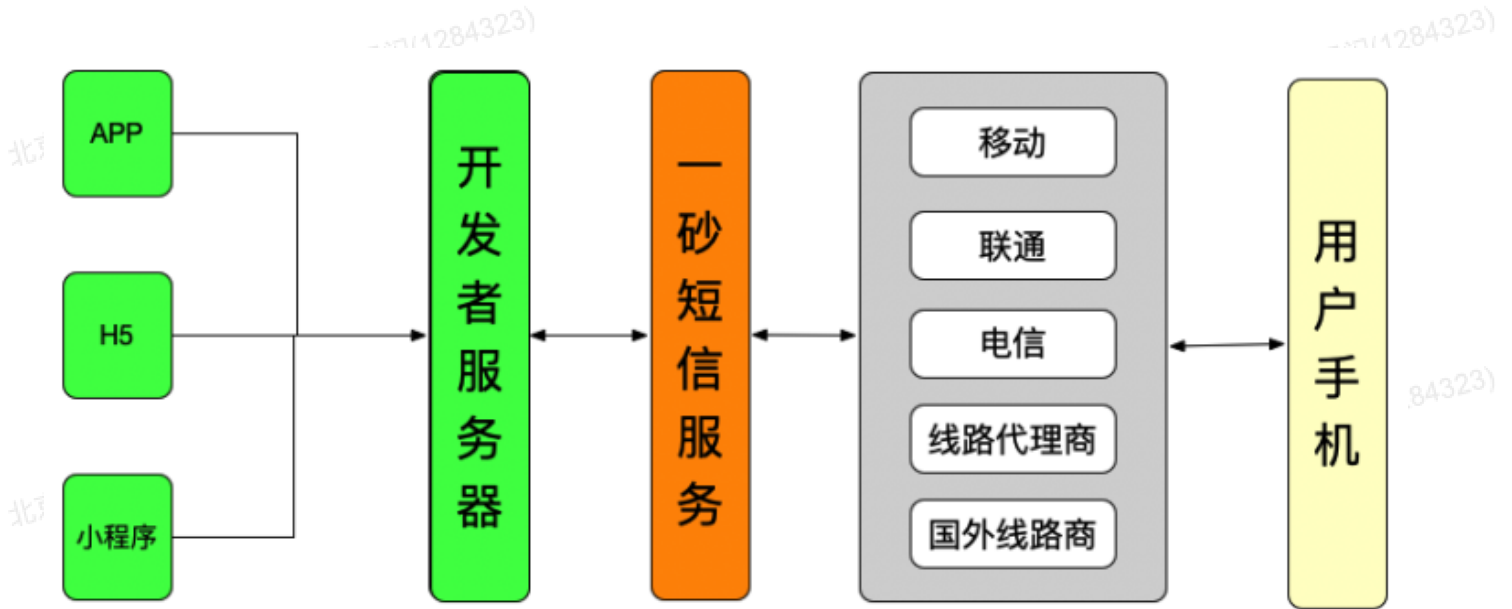
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## 概述

国内短信，适用于短信验证码，短信通知，营销短信等场景；支持三大运营商，虚拟运营商短信发送，电信级运维保障，3秒必达，99%到达率，购买地址：

[https://market.aliyun.com/products/57126001/cmapi00039729.html?spm=5176.730005.productlist.d\\_cmapi00039729.729435240jeRcl&innerSource=search\\_%E5%8C%97%E4%BA%AC%E4%B8%80%E7%A0%82#sku=yuncode337290001](https://market.aliyun.com/products/57126001/cmapi00039729.html?spm=5176.730005.productlist.d_cmapi00039729.729435240jeRcl&innerSource=search_%E5%8C%97%E4%BA%AC%E4%B8%80%E7%A0%82#sku=yuncode337290001)

## 架构



## 接入步骤

购买套餐 -> 申请短信模板，获得短信模板ID -> 调试接入 -> 上线使用

## 短信模板申请

按照国家相关法律规定，发送短信验证码，短信通知，营销短信等需要先提交给运营商审核，审核通过后才可发送短信。

短信模板分成两部分：1. 短信签名，2. 短信模板，如”【一砂】验证码为：[{0}]，欢迎登陆平台！“，【一砂】部分为短信签名，剩余部分为短信模板。

短信签名要求是公司的名称，软件名称等，最好语义明确，不可盗用他人签名，否则提交审核时容易被拒。

短信模板分成固定部分和可变参数部分，可变参数部分的格式为 {n}，其中n指的是第n个参数。

## 接入

### 短信发送的生命周期

如下



## 接口文档

可参考阿里云文档

## 状态回调

短信发送为异步发送，最终的结果通过异步回到的方式通知业务服务器，回调的url为传入参数 callbackUrl, 回调的报文格式如下：

```

1 {
2   "reference_id":"65CA48A0752012689190921055936659",
3   "external_id":"5122f7d8a93f11ea8b6700163e02db87",
4   "status":{
5     "updated_on":"2020-06-08T04:20:09.873298Z",
6     "code":200,
7     "description":"Delivered to handset"
8   }
9 }

```

状态码如下：

| 状态码 | Associated Text String | 描述   |
|-----|------------------------|--|
| 200 | Delivered to handset   | The SMS was delivered to the end user's phone. (Final) |

| 状态码 | Associated Text String                           | 描述   |
|-----|--|--|
| 203 | Delivered to gateway                             | The SMS was delivered to the gateway. If the gateway responds with further information (including successful delivery to handset or delivery failure), the status is updated. (Intermediate)   |
| 207 | Error delivering SMS to handset (reason unknown) | The SMS could not be delivered to the end user's handset for an unknown reason. (Final)  |
| 210 | Temporary phone error                            | The SMS could not be delivered to the handset due to a temporary error with the phone. Examples – phone is turned off, not enough memory to store the message. (Final)   |
| 211 | Permanent phone error                            | The SMS could not be delivered to the handset due to a permanent error with the phone. For example, the phone is incompatible with SMS, or illegally registered on the network. This can happen when a phone number is blacklisted, or is incorrectly provisioned. (Final) |
| 220 | Gateway/network cannot route message             | The network cannot route the message to the handset. (Final)   |
| 221 | Message expired before delivery                  | The message was queued by the mobile provider and timed out before it could be delivered to the handset. (Final)   |
| 222 | SMS not supported                                | SMS is not supported by this phone, carrier, plan, or user.  |
| 229 | Message blocked by your request                  | TeleSign blocked the SMS before it was sent. This is due to your prior submitted request to blacklist this phone number.   |
| 230 | Message blocked by TeleSign                      | TeleSign blocks a message if it is being sent to a phone number that is on a global blacklist.   |
| 231 | Invalid/unsupported                              | The content of the message is not supported.   |
| 234 | Price threshold exceeded                         | Message not sent due to the price exceeding your set maximum price.  |
| 237 | Message blocked in requested country             | You requested that messages in a specific country be blocked, and the message was being sent to this country.  |
| 238 | Destination blocked by prefix                    | You requested that phone numbers with a particular prefix be blocked.  |
| 250 | Final status unknown                             | The final status of the SMS cannot be determined.  |
| 286 | Transaction not attempted                        | The SMS is blocked from being sent due to the phone type not being one of the following – mobile, prepaid, personal, or pager.   |

| 状态码 | Associated Text String                          | 描述  |
|-----|---|---|
| 290 | Message in progress                             | The message is being sent to the SMS gateway.   |
| 292 | Queued by gateway                               | The SMS gateway has queued the message.   |
| 295 | Status delayed                                  | The status of the SMS is temporarily unavailable.   |
| 500 | Transaction not attempted                       | No SMS request was attempted.   |
| 502 | Campaign error                                  | This error can be generated if there is a problem with the short code used.   |
| 503 | Carrier rejected – temporary problem            | This error is generated if there is an error on the carrier or operator side that is temporary and the message can be retried.  |
| 504 | Carrier rejected – permanent error              | This error is generated if there is an error on the carrier or operator side that is permanent and the message should not be retried.   |
| 505 | Error on gateway – temporary error              | This error is generated if there is an error on TeleSign’s partner side that is considered temporary and the message can be retried.  |
| 506 | Error on gateway – permanent error              | This error is generated if there is an error on TeleSign’s partner side that is considered permanent and the message should not be retried.   |
| 507 | Invalid destination address                     | There is a problem with the destination address used. Either the format is not valid, or the number is not associated with any carrier, or if MSC is used it does not know about this MSISDN. |
| 508 | Invalid source address                          | The message requires a source address. Verify that one is provided and correct.   |
| 510 | Message blocked by subscriber action or request | The end user has blocked receiving SMS with their carrier plan or by request or from the particular short code used.  |
| 511 | Subscriber low on credit                        | The end user exceeded their spending limits and cannot receive SMS.   |
| 512 | Roaming error                                   | End user cannot receive SMS because their device that receives the messages is roaming.   |
| 513 | Mobile number portability error                 | SMS failed because ported combinations are unreachable.   |
| 514 | Subscriber absent                               | The operator/carrier is temporarily unable to reach the end user.   |
| 515 | Suspected spam                                  | This message is considered to be spam by carrier or operator.   |

| 状态码 | Associated Text String | 描述   |
|-----|------------------------|--|
| 599 | Status not available   | The system is unable to provide status at this time. |

## 备注

1. 黄赌毒等相关的短信基本上过不了审
2. 短信模板审核需要大约2天的时间，在短信过审中，我们可以先调试，在短信模板和签名过审钱，签名默认为【PIN】，并放在短信的末尾。