# 客户配置接口

## RabbitMQ 配置

云堤端通过SSL加密的RabbitMQ连接传递客户开通业务所需的参数给清洗中心，涉及到的字段参数如下

|字段名|类型|说明|

|--|--|--|

|transactionId|String|生成的事务ID|

|transactionType|Integer|操作类型，0：新增业务配置，1：删除业务配置，2：修改业务配置，3：修改证书，4：新增节点防护IP，5：删除节点防护IP，6：修改业务域名|

|clientName|String|客户业务的全名|

|alias|String|对应客户业务的别名，简称|

|isBGP|Boolean|是否需要BGP防护IP|

|isWebSite|Boolean|是否为网站类业务|

|custIp|String|isBGP为true时候，云堤为客户分配的高防IP，多个以逗号分隔|

|ipVol|Integer|需要防护IP的数量|

|domain|String|客户的域名，多个以逗号分隔|

|sourceIp|String|源IP|

|sourcePortMapping|Array|源端口映射，支持多个源IP的多个端口与高防IP端口的映射，格式为{"源IP1": [[源端口1, 防护IP映射端口1], [源端口2], ...]}|

|registry|String|备案号|

|sslConfig|String|域名对应的证书信息，key为域名，value为证书三个文件，多个域名对应多组的证书文件|

|sslCertificate|String|证书公钥，内容以BASE64转化后传递|

|sslCertificateKey|String|证书私钥，内容以BASE64转化后传递|

|sslCertificateChain|String|证书链，内容以BASE64转化后传递|

### 新增业务配置

客户新增业务配置，当客户指定业务配置为BGP时，由云堤分配高防IP；非BGP的防护IP，则由清洗中心分配好，之后通过MQ传递给云堤。

数据样例：

```

//非BGP情况下，防护IP字段为空

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"transactionType": 0,

"isWebSite": "true",

"clientName": "xxxxx",

"isBGP": false,

"custIp": "",

"ipVol": 1,

"domain": "xxx.xxx.com",

"sourceIp": "xxx.xxx.xxxx.xxx",

"sourcePortMapping": {"xxx.xxx.xxx.xxx": [[80, 80]，[443, 443]]},

"registry": "京ICP证xxxxxx号-x",

"sslConfig": {

"xxx.xxx.com": {

"sslCertificate": "sfdadfadsfasdfasfdsaf...",

"sslCertificateKey": "fsdfadsfdsfadsfafdasf...",

"sslCertificateChain": "fsadfadsfasdfadsfadsf..."

}

},

}

```

清洗中心接收到开通信息后，按照提供的信息完成业务开通过程，并提供返回的执行结果如下：

|字段名|类型|说明|

|--|--|--|

|transactionId|String|云堤生成的事务ID，标识一次操作过程|

|code|Integer|200：成功 / 400：鉴权或者参数类型错误等，详情请见msg字段|

|msg|String|接口返回的执行信息，成功就返回”成功“，失败返回具体原因|

|custIp|String|为客户分配的高防IP，多个以逗号分隔|

数据样例：

```

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"code": 200,

"msg": "成功",

"custIp": "xxx.xxx.xxx.xxx"

}

```

### 删除业务配置

客户业务配置删除操作，数据样例如下：

```

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"transactionType": 1,

"ipVol": 1,

"custIp": "xxx.xx.xx.xx", //业务对应的防护ip，多个逗号分隔

"clientName"： "xxxx", //删除的业务名称

"domain": "xxx.xxx.com",

"sourceIp": "xxx.xxx.xxxx.xxx",

"sourcePortMapping": {"xxx.xxx.xxx.xxx": [[80, 80]，[443, 443]]}

}

```

清洗中心返回数据样例：

```

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"code": 200,

"msg": "成功"

}

```

### 修改业务配置

对业务的网站报备信息进行修改，修改的内容包括源站IP，端口映射，数据样例如下：

```

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"transactionType": 2,

"clientName": "中国电信股份有限公司", //业务名称

"domain": "telecom.com",

"sourceIp": "xxx.xxx.xxx.xxx",

"sourcePortMapping": {"xxx.xxx.xxx.xxx": [[80, 80]，[443, 443]]},

"registry": "京ICP证xxxxxx号-x"

}

```

清洗中心返回数据样例

```

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"code": 200,

"msg": "成功"

}

```

### 更新证书

客户更新证书，数据样例如下：

```

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"transactionType": 3,

"clientName": "中国电信股份有限公司",

"domain": "telecom.com",

"sourceIp": "xxx.xxx.xxx.xxx",

"registry": "京ICP证xxxxxx号-x",

"sslConfig": {

"telecom.com": {

"sslCertificate": "sfdadfadsfasdfasfdsaf...",

"sslCertificateKey": "fsdfadsfdsfadsfafdasf...",

"sslCertificateChain": "fsadfadsfasdfadsfadsf..."

}

}

}

```

清洗中心完成更换证书操作后，回复信息示例如下：

```

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"code": 200,

"msg": "成功"

}

```

### 更改节点防护Ip

客户新增或者删除所配置业务的防护IP

```

\\ 业务新增防护Ip

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"transactionType": 4,

"clientName": "xxxx", //指定唯一的业务

"ipVol"： "1",

"isBGP": "true", // bgp ip由云堤提供具体IP

"custIp": "xxx.xx.xx.xx" // 非bgp ip则无此项

}

\\ 业务删除防护IP

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"transactionType": 5,

"clientName": "xxxx", //指定唯一的业务

"custIp": "xxx.xx.xx.xx"

}

```

清洗中心完成防护IP更改后，回复信息如下：

```

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"code": 200,

"msg": "成功"，

"custIp": "xxx.xx.xx.xx" //如果有新增防护IP，返回新增的防护IP

}

```

### 更改业务域名接口

对于业务域名的修改，domain字段里的域名就是新的业务域名，多个以逗号分隔，需要同步更新对应的新域名的证书

```

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"transactionType": 6,

"clientName": "xxxxx",

"domain": "xxx.xxx.com",

"sslConfig": {

"xxx.xxx.com": {

"sslCertificate": "sfdadfadsfasdfasfdsaf...",

"sslCertificateKey": "fsdfadsfdsfadsfafdasf...",

"sslCertificateChain": "fsadfadsfasdfadsfadsf..."

}

},

}

```

清洗中心完成域名修改后，返回信息格式：

```

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"code": 200,

"msg": "成功"

}

```

### 备案文件和备案参数传输

代理备案文件的传输，备案文件的格式为图片，图片传输方式为String，格式为{"文件名": "sfstegsdgeyew3432tgwgs..."}，每一个消息只传一个文件，同一个备案的多个文件使用相同transactionId，domian字段来对应

参数列表

|参数|类型|说明|

|---|---|----|

|custName|String|主办单位名称|

|custType|String|主办单位性质，为个人或者企业，默认是企业|

|custID|String|主办单位有效证件号码，（企业为）企业营业执/单位组织机构代码证|

|domain|String|域名|

|mainPageUrl|String|首页地址|

|legalPersonName|String|法人姓名|

|legalPersonID|String|法人身份证号码|

|legalPersonPhone|String|法人办公电话|

|legalPersonCell|String|法人手机|

|legalPersonMailAddress|String|法人邮箱|

|siteResponsibleName|String|网站负责人姓名|

|siteResponsibleID|String|网站负责人身份证号码|

|siteResponsiblePhone|String|网站负责人办公电话|

|siteResponsibleCell|String|网站负责人手机|

|siteResponsibleMailAddress|String|网站负责人邮箱|

|custMailAddress|String|主办单位邮件地址|

|custAddress|String|主办单位执照地址|

```

//备案参数

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"transactionType": 7,

"custName": "xxxxx",

"custType": "企业",

"custID": "xxxxxxxxxxxxxx",

"domain": "xxxxx",

"mainPageUrl": "xxxxxx.com/index.htm",

"legalPersonName": "xxx",

"legalPersonID": "xxxxxxxxxxxxxxxxxxx",

"legalPersonPhone": "xxxxxxx",

"legalPersonCell": "xxxxxxxxxxx",

"legalPersonMailAddress": "xxxxxx@xxxx.xxx",

"siteResponsibleName": "xxx",

"siteResponsibleID": "xxxxxxxxxxxxxxxxxxx",

"siteResponsiblePhone": "xxxxxxx",

"siteResponsibleCell": "xxxxxxxxxxx",

"siteResponsibleMailAddress": "xxxxxx@xxxx.xxx",

"custMailAddress": "xxxxxxxxxxxx",

"custAddress": "xxxxxxxxxx"，

"messageNum": "4"

}

//备案文件1

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"transactionType": 7,

"domain": "xxxxx",

"registryFile": {"xxxxx.jpg", "sfasdgsdgad2321gsdgg.."},

"messageNum": "4"

}

//备案文件2

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"transactionType": 7,

"domain": "xxxxx",

"registryFile": {"xxxxx.gif", "fefsdfegqghhhh4235.."},

"messageNum": "4"

}

...

```

清洗中心完成业务代理备案后，返回信息格式：

```

{

"transactionId": "asdfasdfadsfsadfdsafdsfa",

"code": 200,

"msg": "成功"

}

```