## getServerKey

| | |
|---|---|
| **input** | eGateway_id,register_id,current_time |
| **upload** | zipfile(341000000A.cer receiver_list.tmp envelope.xml[.sig] xxx.di.cns11643[.sig] xxx.sw.cns11643[.sig] attaches[.sig]) |

## Define

| | |
|---|---|
| eGateway_ip | IP |
| eGateway_id | |
| your_register_id | |
| current_time | timestamp without time zone |
| Sessionkey | get from getServerKey |
| exchangeid | md5(envelop.xml) |
| client_sn | |
| zipfile_md5 | md5(file.zip) |
| processid | md5(exchangeid+receiverid+receivername(utf-8)) |
| Confirmation | eOldGW |

## fromClientQueue

| | |
|---|---|
| **input** | eGateway_id,register_id,senderid,exchangeid,clientsn,current_time,zipfile_md5 |
| **upload** | zipfile(341000000A.cer receiver_list.tmp envelope.xml[.sig] xxx.di.cns11643[.sig] xxx.sw.cns11643[.sig] attaches[.sig]) |
| **output** | xml |

## toClientQueue ( recv )

| | |
|---|---|
| **input** | eGateway_id,register_id,sessionkey |
| **output** | Zipfile(readme.xml exchangeid_1.zip exchangeid_2.zip …) |

## toClientQueue ( recvCmp )

| | |
|---|---|
| **input** | eGateway_id,register_id,sessionkey**[,processid_1][,processid_2]...[processid_n]** |
| **output** | zipfile(readme.xml) |

## fromClientMsg

| | |
|---|---|
| **input** | eGateway_id,register_id,sessionkey,sender_orgid,processid,SRC,client_time,receiver_orgid,zip_file_hash |
| **upload** | Zipfile(orgid.cer msg.xml[.sig]) |
| **output** | xml |

## toClientMsg

| | |
|---|---|
| **input** | eGateway_id,register_id,sessionkey |
| **output** | Zipfile(readme.xml zip(msg.xml)) zip(msg.xml) |

## toClientMsgCmp

| | |
|---|---|
| **input** | eGateway_id,register_id,sessionkey |
| **upload** | txt |
| **output** | Zipfile(readme.xml) |

## toeOldGWqueue

| | |
|---|---|
| **input** | eGateway_id,register_id,senderid,exchangeid,clientsn,current_time,zipfile_md5 |
| **upload** | zipfile(341000000A.cer receiver_list.tmp old_receiver.tmp envelope.xml[.sig] xxx.di.cns11643[.sig] xxx.sw.cns11643[.sig] attaches[.sig]) |
| **output** | Zipfile(readme.xml) |

## fromEgwQueue

| | |
|---|---|
| **input** | eGateway_id,register_id,sessionkey |
| **output** | Zipfile(readme.xml processid_1.zip processid_2.zip …) readme.xml processid : _ zip |

## fromEgwQueueCmp

| | |
|---|---|
| **input** | eGateway_id,register_id,sessionkey,processed_1::processed_2::processed::….::processed_n |
| **output** | xml |

## toeOldGWmsg

| | |
|---|---|
| **input** | eGateway_id,register_id,sessionkey,sender_orgid,processid,client_time,zip_file_hash |
| **upload** | Zipfile(msg.xml) |
| **output** | xml |

## fromEgwMsg

| | |
|---|---|
| **input** | eGateway_id,register_id,sessionkey |
| **output** | Zipfile(toClientMsg.xml) |

## fromEgwMsgCmp

| | |
|---|---|
| **input** | eGateway_id,register_id,sessionkey,Confirmation_1::Confirmation_2::….::Confirmation_n |
| **output** | xml |