# OTC 部署需知

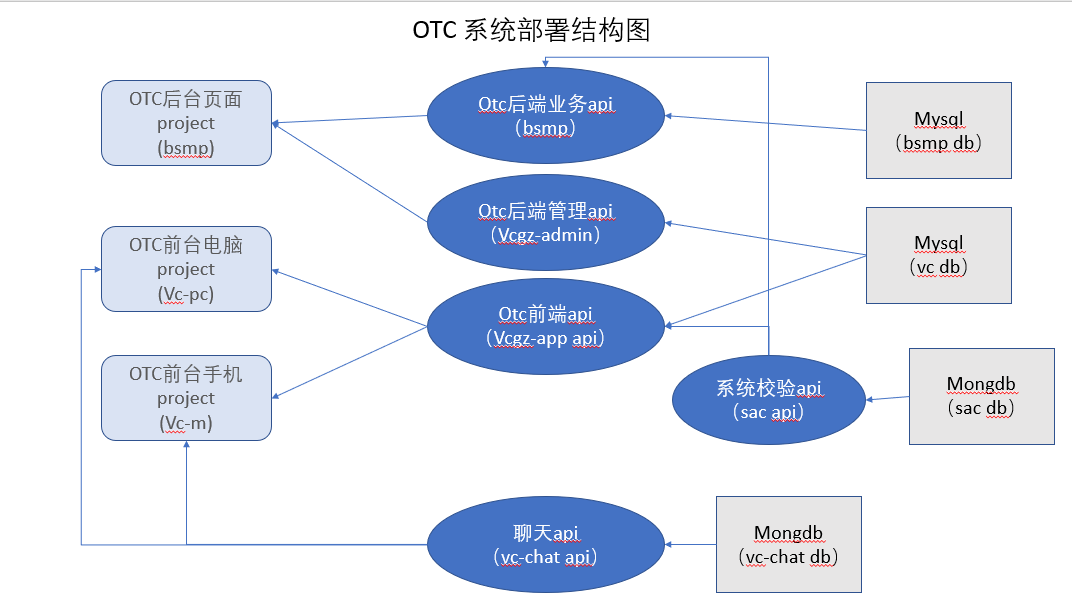
1. **簡介**

本文檔說明於OTC架構，及部署時所需的環境配置。IT進行部署前必先參閱

## OTC環境需要

1. java 1.8 jdk
2. mongodb 3.6.9
3. Redis 3.2.1
4. nginx
5. mysql server 5.7.17

## OTC架構



OTC包括前台電腦(vc-pc)，前台手機(vc-m)，後台頁面(bsmp-html)，系統校驗

API (sac api)，聊天API(vc-chat api)，OTC前端API(vcgz-app api)，後端業務API(bsmp)，後端管理API (vcgz-admin)。

## 部署流程

### 安裝OTC DB

DBA 於適當環境建立OTC DB。DB框架(Schema)部份視乎情況由DEV/QA/UAT環境複制過來。框架建好後需在mysql DB運行初始化腳本

vc DB: vc.sql, vc\_client\_group.sql

bsmp DB: bsmp.sql, bsmp\_init\_data.sql, t\_company.sql, t\_dict.sql, t\_log.sql, t\_permission.sql, t\_role.sql, t\_source.sql, createRoleChildList.sql

初始化腳本由開發提供。

mysql 要设置全局变量mysql> set global max\_sp\_recursion\_depth=3000;

之後在mongo要生成2個DB

sac DB:中運行初始化腳本 (appScret.json)

vc-chat DB: 不需要任何操作

初始化腳本由開發提供。

### 部署OTC程序

IT需把sac, vc-chat, vcgz-app, bsmp, vcgz-admin放到/home/webadmin/webapp/ 的資料夾中，並按第5部份所述修改配置文檔。

之後用每個項目中的bin/run.sh 來啟動或關閉  
bash /home/webadmin/webapps/bsmp/bin/run.sh stop

bash /home/webadmin/webapps/sac/bin/run.sh stop 8060

bash /home/webadmin/webapps/vc-chat/bin/run.sh stop

bash /home/webadmin/webapps/vcgz-admin/bin/run.sh stop

bash /home/webadmin/webapps/vcgz-app/bin/run.sh stop

bash /home/webadmin/webapps/bsmp/bin/run.sh start

bash /home/webadmin/webapps/sac/bin/run.sh start 8060

bash /home/webadmin/webapps/vc-chat/bin/run.sh start

bash /home/webadmin/webapps/vcgz-admin/bin/run.sh start

bash /home/webadmin/webapps/vcgz-app/bin/run.sh start

之後再把bsmp-html, vc-pc, vc-m放到/home/webadmin/webapp/UI/

## 部署配置

請修改以下配置文檔的內容以配合環境。請根據環境來配置highlight的地方。

### bsmp

**bsmp: config/application.yml**

server:

port: 8062

spring:

datasource:

name: bsmp

url: jdbc:mysql://172.20.2.58:3306/bsmp?characterEncoding=utf8&autoReconnect=true&useSSL=false&connectTimeout=60000&socketTimeout=60000

username: bsmp\_vc

password: xxxxxxxx

type: com.alibaba.druid.pool.DruidDataSource

driver-class-name: com.mysql.jdbc.Driver

filters: stat

initialSize: 5

minIdle: 5

maxActive: 20

maxWait: 60000

timeBetweenEvictionRunsMillis: 60000

minEvictableIdleTimeMillis: 300000

validationQuery: SELECT 1 FROM DUAL

testWhileIdle: true

testOnBorrow: false

testOnReturn: false

poolPreparedStatements: true

maxPoolPreparedStatementPerConnectionSize: 20

#MyBatis

mybatis:

#配置类型别名

typeAliasesPackage: com.gwghk.bsmp.model

#dao层接口

basePackage: com.gwghk.bsmp.dao

#配置mapper的扫描，找到所有的mapper.xml映射文件

mapperLocations: classpath:mybatis/mapper/\*.xml

#加载全局的配置文件

configLocation: classpath:mybatis/mybatis-config.xml

#日志

logging:

file: logs/bsmp/bsmp-warn.log

pattern:

file: "%d %-5level [%thread] %logger{0} : %msg%n"

level:

org.springframework.web: WARN

org.springframework.controllers: WARN

#appId&appkey

sacAuth:

apiUrl: http://127.0.0.1:8060

keyType: 1

keyList:

- companyId: ALL

appId: testId

appScret: testScret

defUriList:

- type: 1

uris:

- /log?method=post

- /menu/getAuthFun?method=get

- /menu?method=get

- /dict/findListByPCode/{#}?method=get

- /user/modifyPwd?method=post

- /user/source/{#}?method=get

- /role/{#}/users?method=get

### sac

**sac: config/application.** **yml**

#日志配置

logging:

file: /logs/sac/sac.log

pattern:

file: "%d %-5level [%thread] %logger{0} : %msg%n"

level:

org.springframework.web: WARN

org.springframework.controllers: WARN

#http端口

server:

port: 8060

#mongodb & redis

spring:

application:

name: sac

data:

mongodb:

database: sac

host: 172.20.202.5

port: 27017

username: root

password: xxxxxxx

redis:

host: localhost

port: 6379

timeout: 0

pool:

max-active: 1024

max-wait: 1

max-idle: 8

min-idle: 0

### vc-chat

**vc-chat: config/application.properties**

**spring.application.name=vc-chat**

**server.port=8933**

**#\u73af\u5883**

**########################################################### mongodb ############################################################**

**spring.data.mongodb.database=vc-chat**

**spring.data.mongodb.host=172.20.202.5**

**spring.data.mongodb.port=27017**

**spring.data.mongodb.username=root**

**spring.data.mongodb.password=** **xxxxxxx**

**############################################################ log ############################################################**

**logging.config=classpath:config/logback-spring.xml**

**###vcc2c api###**

**initConfig.vcApiUrl=http://127.0.0.1:8066**

### vcgz-admin

**vcgz-admin: config/application.yml**

**server:**

**port: 8550**

**spring:**

**datasource:**

**name: vc**

**url: jdbc:mysql://172.20.2.58:3306/vc?characterEncoding=utf8&autoReconnect=true&useSSL=false**

**username: bsmp\_vc**

**password: xxxxxxx**

**type: com.alibaba.druid.pool.DruidDataSource**

**driver-class-name: com.mysql.jdbc.Driver**

**filters: stat**

**initialSize: 5**

**minIdle: 5**

**maxActive: 20**

**maxWait: 60000**

**timeBetweenEvictionRunsMillis: 60000**

**minEvictableIdleTimeMillis: 300000**

**validationQuery: SELECT 1 FROM DUAL**

**testWhileIdle: true**

**testOnBorrow: false**

**testOnReturn: false**

**poolPreparedStatements: true**

**maxPoolPreparedStatementPerConnectionSize: 20**

**# MyBatis**

**mybatis:**

**#配置类型别名**

**typeAliasesPackage: com.gwghk.vcgzadmin.model**

**#dao层接口**

**basePackage: com.gwghk.vcgzadmin.dao**

**#配置mapper的扫描，找到所有的mapper.xml映射文件**

**mapperLocations: classpath:mybatis/mapper/\*.xml**

**#加载全局的配置文件**

**configLocation: classpath:mybatis/mybatis-config.xml**

**#日志**

**logging:**

**config: classpath:config/logback-spring.xml**

**file: /logs/vcgzadmin/vcgzadmin.log**

**pattern:**

**file: "%d %-5level [%thread] %logger{0} : %msg%n"**

**level:**

**org.springframework.web: WARN**

**org.springframework.controllers: WARN**

**#appId&appkey**

**authConfig:**

**apiUrl: http://127.0.0.1:8060/sac**

**uriType: 21**

**enable: true**

**vconfig:**

**#短信发送接口地址**

**smsUrl: http://192.168.75.27:4447/SMS\_Channel\_Send.ucs**

**#短信验证码过期时间（单位分钟)**

**smsExpiry: 1**

**#图片验证码过期时间（单位分钟)**

**imageExpiry: 3**

**basePlatFileUrl: http://192.168.35.207:8080**

**basePlatFileKey: test2**

**basePlatFileToken: 6be1abcc-3781-4161-b3bf-5b2accb941ad**

**dfsDownLoadUrl: http://192.168.35.205/**

**#风控接口地址**

**riskControlUrl: http://192.168.35.95:8070**

**riskControlAppKey: fx\_appKey234**

**riskControlAppSecret: fx\_appSecret234**

**#风控黑名单地址**

**blackRiskUrl: http://192.168.35.95:8081**

**blackRiskKey: 852dif963**

**blackRiskBu: GWFX**

**#goldZip地址**

**gzRegisterBindUrl: https://demo.00hu.cn:5000**

**gzUrl: https://demo.00hu.cn:8889/api/**

**#当前服务接口域名**

**host: http://218.253.75.133:8066**

**keysPath: Y:/workspace/vcgz-app-api/src/main/resources/keys/**

**redirectTo: http://192.168.35.94:8020/#/financial**

**#当前网站域名**

**domain: http://192.168.35.94:8020**

**#邮件服务器地址**

**mailHost: mail.hbeemail.com**

**mailFrom: cs@pacitreasure.com**

**mailPwd: 2oMl8rUG**

**webName: 换宝网**

**#網頁設定**

**autoFillAuth: 1**

### vc-app

**vc-app: config/application.yml**

**server:**

**port: 8066**

**spring:**

**datasource:**

**name: vc**

**url: jdbc:mysql://172.20.2.58:3306/vc?characterEncoding=utf8&autoReconnect=true&useSSL=false**

**username: bsmp\_vc**

**password:** xxxxxxx

**type: com.alibaba.druid.pool.DruidDataSource**

**driver-class-name: com.mysql.jdbc.Driver**

**filters: stat**

**initialSize: 5**

**minIdle: 5**

**maxActive: 20**

**maxWait: 60000**

**timeBetweenEvictionRunsMillis: 60000**

**minEvictableIdleTimeMillis: 300000**

**validationQuery: SELECT 1 FROM DUAL**

**testWhileIdle: true**

**testOnBorrow: false**

**testOnReturn: false**

**poolPreparedStatements: true**

**maxPoolPreparedStatementPerConnectionSize: 20**

**# MyBatis**

**mybatis:**

**#配置类型别名**

**typeAliasesPackage: com.gwghk.vcgz.model**

**#dao层接口**

**basePackage: com.gwghk.vcgz.dao**

**#配置mapper的扫描，找到所有的mapper.xml映射文件**

**mapperLocations: classpath:mybatis/mapper/\*.xml**

**#加载全局的配置文件**

**configLocation: classpath:mybatis/mybatis-config.xml**

**#日志**

**logging:**

**config: classpath:config/logback-spring.xml**

**# file: /logs/vcgz/vcgz.log**

**# pattern:**

**# file: "%d %-5level [%thread] %logger{0} : %msg%n"**

**# level:**

**# org.springframework.web: WARN**

**# org.springframework.controllers: WARN**

**#appId&appkey**

**authConfig:**

**apiUrl: http://127.0.0.1:8060/sac**

**uriType: 15**

**enable: true**

**vconfig:**

**sessionOutTime: 14400**

**#短信发送接口地址**

**smsUrl: http://192.168.75.27:6481/SMS\_Channel\_Send.ucs**

**smsPlatform: huanbao**

**smsUrl2: http://192.168.75.27:6478/SMS\_Channel\_Send.ucs**

**smsPlatform2: JPNMall #日本商城短信签名**

**#短信验证码过期时间（单位分钟)**

**smsExpiry: 10**

**#图片验证码过期时间（单位分钟)**

**imageExpiry: 3**

**faceVerifyThreshold: 60**

**sms: dev**

**md5MsgKeyName: true**

**#商城接口地址**

**vcShopUrls:**

**- key: S1**

**url: http://192.168.35.94:8008/use.php**

**- key: S2**

**url: http://192.168.35.94:8008/use.php**

**#GTS接口地址**

**gwApi:**

**url: http://192.168.35.160/goldoffice\_api/RESTful**

**#GTS2接口地址**

**gts2Urls:**

**- key: FX\_GTS2**

**url: http://192.168.35.100:8082/Goldoffice\_gateway\_sit/RESTful**

**invoker: fx\_webui**

**companyId: 1**

**signKey: 432e4fda49f0b61f9009559d0b980594**

**- key: HX\_GTS2**

**url: http://192.168.35.100:8082/Goldoffice\_gateway\_sit/RESTful**

**invoker: hx\_webui**

**companyId: 2**

**signKey: b3be1f26c6513906454c9b22b0f8ec67**

**- key: PM\_GTS2**

**url: http://192.168.35.100:8082/Goldoffice\_gateway\_sit/RESTful**

**invoker: pm\_webui**

**companyId: 3**

**signKey: c798d6f4fec573374388077980e66e5e**

**#vc-chat接口地址**

**vcChatUrl: http://127.0.0.1:8933/noticeUser**

**#风控接口地址**

**riskControlUrl: http://192.168.35.95:8070**

**riskControlAppKey: fx\_appKey234**

**riskControlAppSecret: fx\_appSecret234**

**#基础平台文件服务器**

**basePlatFileUrl: http://192.168.35.207:8080**

**basePlatFileKey: test2**

**basePlatFileToken: 6be1abcc-3781-4161-b3bf-5b2accb941ad**

**basePlatFileShowDomain: http://192.168.35.205/**

**#是否要实名认证，高级认证，视频认证都通过过才能操作其它页面 0否 1是**

**isVistAfterAllValid: 0**

**#风控黑名单地址**

**blackRiskUrl: http://192.168.35.95:8081**

**blackRiskKey: 852dif963**

**blackRiskBu: GWFX**

**#goldZip地址**

**gzRegisterBindUrl: https://demo.00hu.cn:5000**

**gzUrl: https://demo.00hu.cn:8889/api/**

**#当前服务接口域名**

**host: http://218.253.75.133:8066**

**keysPath: Y:/workspace/vcgz-app-api/src/main/resources/keys/**

**redirectTo: http://192.168.35.94:8028/#/financial**

**#当前网站域名**

**domain: http://192.168.35.94:8028**

**#邮件服务器地址**

**mailHost: mail.hbeemail.com**

**mailFrom: cs@pacitreasure.com**

**mailPwd: 2oMl8rUG**

**webName: 换宝网**

**#網頁設定**

**autoFillAuth: 1**

### nginx.conf

**vc-chat: /usr/local/webserver/nginx/conf/nginx.conf**

**#user nobody;**

**worker\_processes 1;**

**#error\_log logs/error.log;**

**#error\_log logs/error.log notice;**

**#error\_log logs/error.log info;**

**#pid logs/nginx.pid;**

**events {**

**worker\_connections 1024;**

**}**

**http {**

**include mime.types;**

**default\_type application/octet-stream;**

**#log\_format main '$remote\_addr - $remote\_user [$time\_local] "$request" '**

**# '$status $body\_bytes\_sent "$http\_referer" '**

**# '"$http\_user\_agent" "$http\_x\_forwarded\_for"';**

**#access\_log logs/access.log main;**

**sendfile on;**

**#tcp\_nopush on;**

**#keepalive\_timeout 0;**

**keepalive\_timeout 65;**

**#gzip on;**

**# 管理后台**

**server {**

**listen 8088;**

**server\_name 127.0.0.1;**

**location / {**

**add\_header Cache-Control 'no-store';**

**root /home/webadmin/webapps/UI/bsmp-html;**

**index index.html index.htm;**

**}**

**#管理后台统一配置API访问路径**

**location /api/sys\_config/ {**

**proxy\_pass http://127.0.0.1:8062/;**

**proxy\_redirect off;**

**proxy\_set\_header Host $http\_host;**

**proxy\_set\_header X-Real-IP $remote\_addr;**

**proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;**

**}**

**#管理后台sac 系统API访问路径**

**location /api/app\_scret/ {**

**proxy\_pass http://127.0.0.1:8060/;**

**proxy\_redirect off;**

**proxy\_set\_header Host $http\_host;**

**proxy\_set\_header X-Real-IP $remote\_addr;**

**proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;**

**}**

**#管理后台代币系统API访问路径**

**location /api/vc\_gz\_pm/ {**

**proxy\_pass http://127.0.0.1:8550/;**

**proxy\_redirect off;**

**proxy\_set\_header Host $http\_host;**

**proxy\_set\_header X-Real-IP $remote\_addr;**

**proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;**

**}**

**#管理后台代币系统聊天服务API访问路径**

**location /api/vc\_gz\_msg\_pm/ {**

**proxy\_pass http://127.0.0.1:8933/;**

**proxy\_redirect off;**

**proxy\_set\_header Host $http\_host;**

**proxy\_set\_header X-Real-IP $remote\_addr;**

**proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;**

**}**

**#管理后台代币系统API访问路径 \_te**

**location /api/vc\_gz\_te/ {**

**proxy\_pass http://127.0.0.1:8550/;**

**proxy\_redirect off;**

**proxy\_set\_header Host $http\_host;**

**proxy\_set\_header X-Real-IP $remote\_addr;**

**proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;**

**}**

**#管理后台代币系统聊天服务API访问路径 \_te**

**location /api/vc\_gz\_msg\_te/ {**

**proxy\_pass http://127.0.0.1:8933/;**

**proxy\_redirect off;**

**proxy\_set\_header Host $http\_host;**

**proxy\_set\_header X-Real-IP $remote\_addr;**

**proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;**

**}**

**#管理后台代币系统API访问路径**

**location /api/vc\_gz\_rd/ {**

**proxy\_pass http://127.0.0.1:8550/;**

**proxy\_redirect off;**

**proxy\_set\_header Host $http\_host;**

**proxy\_set\_header X-Real-IP $remote\_addr;**

**proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;**

**}**

**error\_page 500 502 503 504 /50x.html;**

**location = /50x.html {**

**root html;**

**}**

**}**

**#代币系统访问路径**

**server {**

**listen 8080;**

**server\_name 127.0.0.1;**

**# 网站前台网站访问路径**

**location / {**

**#pc端访问路径**

**root /home/webadmin/webapps/UI/** **vc-pc;**

**#手机端访问路径**

**if ( $http\_user\_agent ~ "(MIDP)|(WAP)|(UP.Browser)|(Smartphone)|(Obigo)|(Mobile)|(AU.Browser)|(wxd.Mms)|(WxdB.Browser)|(CLDC)|(UP.Link)|(KM.Browser)|(UCWEB)|(SEMC-Browser)|(Mini)|(Symbian)|(Palm)|(Nokia)|(Panasonic)|(MOT-)|(SonyEricsson)|(NEC-)|(Alcatel)|(Ericsson)|(BENQ)|(BenQ)|(Amoisonic)|(Amoi-)|(Capitel)|(PHILIPS)|(SAMSUNG)|(Lenovo)|(Mitsu)|(Motorola)|(SHARP)|(WAPPER)|(LG-)|(LG/)|(EG900)|(CECT)|(Compal)|(kejian)|(Bird)|(BIRD)|(G900/V1.0)|(Arima)|(CTL)|(TDG)|(Daxian)|(DAXIAN)|(DBTEL)|(Eastcom)|(EASTCOM)|(PANTECH)|(Dopod)|(Haier)|(HAIER)|(KONKA)|(KEJIAN)|(LENOVO)|(Soutec)|(SOUTEC)|(SAGEM)|(SEC-)|(SED-)|(EMOL-)|(INNO55)|(ZTE)|(iPhone)|(Android)|(Windows CE)|(Wget)|(Java)|(curl)|(Opera)" )**

**{**

**root /home/webadmin/webapps/UI/vc-m;**

**}**

**index index.html index.htm;**

**}**

**#网站前台商户登入页**

**location /certlogin {**

**alias /home/webadmin/webapps/UI/vcgz-frontUI/static/;**

**index m\_login.html;**

**}**

**# 网站前台API访问路径**

**location /vcc2c/ {**

**proxy\_pass http://127.0.0.1:8066/;**

**proxy\_redirect off;**

**proxy\_set\_header Upgrade $http\_upgrade;**

**proxy\_set\_header Connection "upgrade";**

**proxy\_set\_header Host $http\_host;**

**proxy\_set\_header X-Real-IP $remote\_addr;**

**proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;**

**}**

**# 文件上传服务**

**location /upload/ {**

**proxy\_pass http://192.168.35.210:8083/;**

**proxy\_redirect off;**

**proxy\_set\_header Upgrade $http\_upgrade;**

**proxy\_set\_header Connection "upgrade";**

**proxy\_set\_header Host $http\_host;**

**proxy\_set\_header X-Real-IP $remote\_addr;**

**proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;**

**}**

**# 网站前台聊天服务API访问路径**

**location /vcsocket/ {**

**proxy\_pass http://127.0.0.1:8933/;**

**proxy\_redirect off;**

**proxy\_set\_header Upgrade $http\_upgrade;**

**proxy\_set\_header Connection "upgrade";**

**proxy\_set\_header Host $http\_host;**

**proxy\_set\_header X-Real-IP $remote\_addr;**

**proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;**

**}**

**}**

**}**