

代理

名称	说明	备注
安装平台	centos7-64	
安装环境依赖	mysql	
编译环境	golang.git	

文件结构：

```
1 agent/
2 |— agent
3 |— certs
4 |— conf
5 |   |— app.conf
6 |— config.json
7 |— leveldb
8 |— scripts
9 |   |— client-cert.sh
10 |   |— server-cert.sh
11 |— ssl
12 |— log
13 |— log.xml
```

数据库数据表的构建参见《[数据库章节](#)》

证书的产生【[script文件地址](#)】：

```
1 #grpc证书
2 $/opt/box/agent/scripts/client-cert.sh /opt/box/agent/certs
3 $/opt/box/agent/scripts/server-cert.sh /opt/box/agent/certs
4
5 #https 证书
6 $/opt/box/agent/scripts/server-cert.sh /opt/box/agent/ssl
```

配置文件：

/opt/box/agent/config.json

```
1  {
2      "data_source":{
3          "driver_name":"mysql",
4          "url":"boxagent:Box_0_agent@tcp(127.0.0.1:3306)/boxagent?
charset=utf8&loc=Asia%2FShanghai",
5          "max_idle":100,
6          "max_conn":100,
7          "alias_name":"default",
8          "debug":true
9      },
10     "level_db_path":"/opt/box/agent/leveldb",
11     "server_cert":"/opt/box/agent/certs/server.pem",
12     "server_key":"/opt/box/agent/certs/server.key",
13     "client_cert":"/opt/box/agent/certs/client.pem",
14     "grpc_ser_port":":50502",
15     "voucher_name":"voucher",
16     "manager_ip_port":"192.168.199.168:5001",
17     "deposit_url":"http://192.168.199.168:5001/api/v1/capital/deposit",
18     "withdraw_url":"http://192.168.199.168:5001/api/v1/capital/withdraw",
19     "withdraw_tx_url":"http://192.168.199.168:5001/api/v1/capital/withdraw
/id",
20     "token_change_url":"http://192.168.199.168:5001/api/v1/capital/currency
/add",
21     "regist_approval_url":"http://192.168.199.168:5001/api/v1/registrations
/admin/approval",
22     "companion_server":"companion",
23     "voucher_server":"voucher"
}
```

【说明】：

"url":"boxagent:Box_0_agent@tcp(127.0.0.1:3306)/boxagent?
charset=utf8&loc=Asia%2FShanghai",

```
1  "url":"[agent数据库用户名]:[agent数据库用户密码]@tcp([数据库IP地
址]:3306)/[agent数据库database]?charset=utf8&loc=Asia%2FShanghai",
```

"manager_ip_port":"192.168.199.168:5001", 下边的同理

```
1  "manager_ip_port":"app服务的IP:5001",
2  "deposit_url":"http://app服务的IP:5001/api/v1/capital/deposit",
3  "withdraw_url":"http://app服务的IP:5001/api/v1/capital/withdraw",
4  "withdraw_tx_url":"http://app服务的IP:5001/api/v1/capital/withdraw/id",
5  "token_change_url":"http://app服务的IP:5001/api/v1/capital/currency/add",
   "regist_approval_url":"http://app服务的
   IP:5001/api/v1/registrations/admin/approval",
```

/opt/box/agent/conf/app.conf

```
1  EnableHTTP = false
2  EnableHTTPS = true
3  EnableHttpTLS = true
4  HTTPSPort = 19092
5  HTTPSCertFile = "/opt/box/agent/ssl/server.pem"
6  HTTPSKeyFile = "/opt/box/agent/ssl/server.key"
```

log.xml

主要更改如下两个地方，详细的使用方法参考[log4go](http://log4go.org)

```
1  ...
2  <level>DEBUG</level>
3  ...
4  <property name="filename">log/agent.log</property>
5  ...
```

启动

```
1  #
2  cd /opt/box/agent
3  ./agent start
4
5  #后台启动:
6  cd /opt/box/agent
7  nohup ./agent start &
```