

TypeSdkServer 手动安装部署

以下范例服务器操作系统使用：Centos7.2-X8.6_64_Lite

软件使用： Mysql5.6

 Nginx1.8.1

 Nodejs6.9.5

 Redis3.2.3

代码和相关环境可以在这里下载

https://code.csdn.net/typesdk_code/typesdk_server/tree/master

一、安装完 Centos7.x 之后，安装 Git，直接从源码库克隆相关程序

1、安装 git

```
yum install -y git
```

2、从 git 上克隆代码

```
git clone https://code.csdn.net/typesdk\_code/typesdk\_server.git
```

二、安装 Mysql 并导入数据库（root 用户仅本地登入，未开放远程，密码为 typesdk.com）

1、安装 mysql5.6，这里使用官方源安装

```
cd typesdk_server/Tools/
```

```
rpm -ivh mysql57-community-release-el7-9.noarch.rpm
```

```
cp mysql-community.repo /etc/yum.repos.d/mysql-community.repo
```

```
yum install -y mysql-server
```

```
mkdir -p /data/typesdk_server/mysql_data
```

```
chown -R mysql:mysql /data/typesdk_server/mysql_data
```

```
cp /etc/my.cnf /etc/my.cnf.bak
```

```
>/etc/my.cnf
```

```
vi /etc/my.cnf
```

以下是配置文件全文，直接复制拷贝进去

```
[mysqld]
```

```
datadir=/data/typesdk_server/mysql_data
```

```
socket=/var/lib/mysql/mysql.sock
```

```
symbolic-links=0
```

```
log-error=/var/log/mysql.log
```

```
pid-file=/var/run/mysqld/mysqld.pid
```

```
character-set-server=utf8
```

```
[client]
```

```
default-character-set=utf8
```

```
[mysql]
```

```
default-character-set=utf8
```

2、启动数据库

```
service mysql start
```

3、导入数据库

```
mysql < ../SdkServer_free_git/typesdk_server.sql
```

```
mysqladmin -u root password "typesdk.com"
```

三、安装 redis 并导入数据（redis 仅本地登入，未开放远程，密码为 typesdk.com）

1、使用 RPM 安装 redis

```
rpm -ivh jemalloc-3.6.0-1.el7.x86_64.rpm
```

```
rpm -ivh redis-3.2.3-1.el7.x86_64.rpm
```

```
mkdir -p /data/typesdk_server/redis_data
```

```
chown -R redis.redis /data/typesdk_server/redis_data
```

```
cp /etc/redis.conf /etc/redis.conf.bak
```

```
>/etc/redis.conf
```

```
vi /etc/redis.conf
```

以下是配置文件全文，直接复制拷贝进去

```
bind 127.0.0.1
```

```
protected-mode yes
```

```
port 6379
```

```
tcp-backlog 511
```

```
timeout 0
```

```
tcp-keepalive 300
```

```
daemonize no
```

```
supervised no
```

```
pidfile /var/run/redis_6379.pid
```

```
loglevel notice
```

```
logfile /var/log/redis/redis.log
```

```
databases 16
```

```
save 900 1
```

```
save 300 10
```

```
save 60 10000
```

stop-writes-on-bgsave-error yes
rdbcompression yes
rdbchecksum yes
dbfilename sdk.rdb
dir /data/typesdk_server/redis_data
slave-serve-stale-data yes
slave-read-only yes
requirepass typesdk.com
repl-diskless-sync no
repl-diskless-sync-delay 5
repl-disable-tcp-nodelay no
slave-priority 100
appendonly no
appendfilename "appendonly.aof"
appendfsync everysec
no-appendfsync-on-rewrite no
auto-aof-rewrite-percentage 100
auto-aof-rewrite-min-size 64mb
aof-load-truncated yes
lua-time-limit 5000
slowlog-log-slower-than 10000
slowlog-max-len 128
latency-monitor-threshold 0
notify-keyspace-events ""
hash-max-ziplist-entries 512
hash-max-ziplist-value 64
list-max-ziplist-size -2
list-compress-depth 0
set-max-intset-entries 512
zset-max-ziplist-entries 128
zset-max-ziplist-value 64
hll-sparse-max-bytes 3000
activerehashing yes

```
client-output-buffer-limit normal 0 0 0
client-output-buffer-limit slave 256mb 64mb 60
client-output-buffer-limit pubsub 32mb 8mb 60
hz 10
aof-rewrite-incremental-fsync yes
```

2、启动 redis

```
service redis start
```

3、导入 redis 数据库

```
sh ../SdkServer_free_git/init_redis.sh
```

特别注意 `init_redis.sh` 里的 `redis` 配置信息必须配置正确，`apikey` 为 `sdk` 服务器与游戏服务器通讯的密钥，请根据实际情况修改成一致，其他渠道相关参数请看脚本注释

TypeSdk 打包工具有图形化配置工具，也可以用那个工具生成后同步

四、安装配置 nginx

1、rpm 安装 nginx

```
rpm -ivh nginx-1.8.1-1.el7.ngx.x86_64.rpm
mkdir -p /data/typesdk_server/nginx_html/config
cp /etc/nginx/nginx.conf /etc/nginx/nginx.conf.bak
mkdir -p /data/typesdk_server/nginx_html/config/
cp -rf Nginx_SwitchConfig/1001/ /data/typesdk_server/nginx_html/config/
>/etc/nginx/nginx.conf
vi /etc/nginx/nginx.conf
```

以下是配置文件全文，直接复制拷贝进去

```
#user  nobody;

worker_processes  auto;

events {
    worker_connections  102400;
}

http {
    include      mime.types;

    default_type  application/octet-stream;

    sendfile      on;

    keepalive_timeout  65;

    gzip  on;

    server {
```

```

listen      80;

#server_name  your.domain.name;

location /config {

    root    /data/typesdk_server/nginx_html;

    index   index.html index.htm;

}

location / {

    proxy_pass http://127.0.0.1:40000;

}

location /getIp {

    default_type application/json;

    return 200 '{"ip": "$remote_addr"}';

}

error_page   500 502 503 504   /50x.html;

location = /50x.html {

    root    html;

}

}

}

```

2、启动 nginx

```
service nginx start
```

五、安装 node 环境并配置 TypeSdkServer

1、rpm 安装 node

```
rpm -ivh nodejs-6.9.5-1nodesource.el7.centos.x86_64.rpm
```

```
npm config set registry http://registry.cnpmjs.org
```

```
cp -rf ../SdkServer_free_git/ /data/typesdk_server/
```

```
chmod +x /data/typesdk_server/SdkServer_free_git/node_modules/pm2/bin/pm2
```

```
ln -s /data/typesdk_server/SdkServer_free_git/node_modules/pm2/bin/pm2 /usr/bin/pm2
```

特别注意/data/typesdk_server/SdkServer_free_git/config.json 文件

请按照安装的 **mysql** 和 **redis** 的配置来修改，如直接使用以上配置则不需要修改

2、启动 TypeSdkServer

```
cd /data/typesdk_server/SdkServer_free_git/bin/
```

pm2 start www

六、检查是否安装完成

打开浏览器访问以下几个接口

<http://IP/1001/3/Login>

<http://IP/1001/3/Pay>

以上两个接口会出现 json

<http://192.168.206.19/config/1001/3/config.txt>

以上可以读取配置文件

<http://IP/getIp>

以上可以获得客户端 IP 地址

都正常出现就说明 **server** 已经部署完成

如果想了解更多，请关注我们的 **blog** 和官网

<http://www.typesdk.com/documents>

<http://blog.csdn.net/kasimshi>