\* 安装依赖库

```

yum install -y libxml2 libxml2-devel openssl openssl-devel bzip2 bzip2-devel libcurl libcurl-devel libjpeg libjpeg-devel libpng libpng-devel freetype freetype-devel gmp gmp-devel libmcrypt libmcrypt-devel readline readline-devel libxslt libxslt-devel

```

\* 源码编译安装php7

```

cd /usr/local

wget https://www.php.net/distributions/php-7.2.16.tar.gz

tar zxvf php-7.2.16.tar.gz

cd php-7.2.16

./configure --prefix=/usr/local/php7 --with-config-file-path=/usr/local/php7/etc --with-config-file-scan-dir=/usr/local/php7/etc/conf.d --enable-bcmath --with-curl=/usr/bin/curl --enable-filter --enable-fpm --with-gd --enable-gd-native-ttf --with-freetype-dir --with-jpeg-dir --with-png-dir --enable-intl --enable-mbstring --with-mcrypt --enable-mysqlnd --with-mysqli=mysqlnd --with-pdo-mysql=mysqlnd --with-pdo-sqlite --disable-phpdbg --disable-phpdbg-webhelper --enable-opcache --enable-simplexml --with-sqlite3 --enable-xmlreader --enable-xmlwriter --enable-zip --with-zlib --enable-sockets

cp php.ini-development /usr/local/php7/etc/php.ini

ln -s /usr/local/php7/bin/php /usr/bin/php

ln -s /usr/local/php7/bin/phpize /usr/bin/phpize

```

\* 安装redis扩展

```

cd /usr/local

wget https://github.com/phpredis/phpredis/archive/4.3.0.tar.gz

tar zxvf 4.3.0

cd phpredis-4.3.0

phpize

./configure --with-php-config=/usr/local/php7/bin/php-config

make

make install

vim /usr/local/php7/etc/php.ini

```

在866行添加：

```

extension=redis.so

```

\* 安装openssl扩展

```

cd /usr/local/php-7.2.16/ext/openssl

cp config0.m4 config.m4

phpize

./configure --with-openssl --with-php-config=/usr/local/php7/bin/php-config

make

make install

vim /usr/local/php7/etc/php.ini

```

在867行添加:

```

extension=openssl.so

```

\* 安装swoole扩展

```

cd /usr/local

wget https://github.com/swoole/swoole-src/archive/v4.3.3.tar.gz

tar zxvf v4.3.3

cd swoole-src-4.3.3

phpize

// --enable-openssl选项用于开启openssl， websocket服务器的wss协议会用到

./configure --enable-openssl --with-php-config=/usr/local/php7/bin/php-config

make

make install

//安装完成以后， php --ri swoole可以查看openssl是否enabled，如下，

[root@iZ2ze3dkwit86io02tbm7aZ swoole-src-master]# php --ri swoole

swoole

Swoole => enabled

Author => Swoole Team <team@swoole.com>

Version => 4.3.2-alpha

Built => May 6 2019 16:44:23

coroutine => enabled

epoll => enabled

eventfd => enabled

signalfd => enabled

cpu\_affinity => enabled

spinlock => enabled

rwlock => enabled

openssl => OpenSSL 1.0.2k-fips 26 Jan 2017

vim /usr/local/php7/etc/php.ini

```

在868行添加:

```

extension=swoole.so

```

\* 内核参数调整

```

ulimit -n 100000

vim /etc/sysctl.conf

```

加入如下配置：

```

net.unix.max\_dgram\_qlen = 100

net.ipv4.tcp\_mem = 379008 505344 758016

net.ipv4.tcp\_wmem = 4096 16384 4194304

net.ipv4.tcp\_rmem = 4096 87380 4194304

net.core.wmem\_default = 8388608

net.core.rmem\_default = 8388608

net.core.rmem\_max = 16777216

net.core.wmem\_max = 16777216

```

执行 sysctl -p 使配置生效。