# 网站服务器搭建规范：

/usr/local/apache2 apache安装目录

/var/www 网站部署

**数据库服务器搭建规范：**

/usr/local/mysql mysql安装目录

# Apache

###### 安装需要依赖

yum –y install gcc

###### 编译安装

cd /usr/local/src/

wget [http://mirrors.cnnic.cn/apache/httpd/httpd-2.2.31.tar.gz](http://mirrors.cnnic.cn/apache//httpd/httpd-2.2.31.tar.gz)

tar -zxvf httpd-2.2.31.tar.gz

cd httpd-2.2.31

./configure --prefix=/usr/local/apache2

make

make install

###### 复制为系统服务并启动

cp /usr/local/apache2/bin/apachectl /etc/init.d/httpd

service httpd start

# Mysql

###### 安装需要依赖

yum -y install gcc-c++ cmake bison ncurses-devel

###### 添加mysql用户和用户组

groupadd mysql

useradd mysql -g mysql -M -s /bin/false

###### 编译安装

wget <http://cdn.mysql.com/archives/mysql-5.5/mysql-5.5.48.tar.gz>

tar -zxvf mysql-5.5.48.tar.gz

cd mysql-5.5.48

cmake -DCMAKE\_INSTALL\_PREFIX=/usr/local/mysql -DMYSQL\_DATADIR=/mysql\_data -DMYSQL\_UNIX\_ADDR=/tmp/mysql.sock -DMYSQL\_USER=mysql -DDEFAULT\_CHARSET=utf8 -DDEFAULT\_COLLATION=utf8\_general\_ci -DWITH\_MYISAM\_STORAGE\_ENGINE=1 -DWITH\_INNOBASE\_STORAGE\_ENGINE=1 -DWITH\_DEBUG=0

make

make install

###### 数据库初始化

chown -R mysql.mysql /usr/local/mysql

cp support-files/my-large.cnf /etc/my.cnf

/usr/local/mysql/scripts/mysql\_install\_db --defaults-file=/etc/my.cnf --basedir=/usr/local/mysql --datadir=/mysql\_data --user=mysql

cp support-files/mysql.server /etc/init.d/mysqld

chmod +x /etc/init.d/mysqld

service mysqld start

ln -s /usr/local/mysql/bin/\* /usr/local/bin/

ln -s /usr/local/mysql/include/mysql/\* /usr/include/

/usr/local/mysql/bin/mysql\_secure\_installation

进入后依次输入Y xunaozaq12wsx xunaozaq12wsx Y Y Y Y

###### 配置自动启动

chkconfig --add mysqld

chkconfig --level 35 mysqld on

###### 复制Mysql常用命令用于直接执行及后续编译

ln –s /usr/local/mysql/bin/mysql /bin/mysql

ln -s /usr/local/mysql/bin/mysqldump /bin/mysqldump

ln -s /usr/local/mysql/bin/mysql\_config /usr/local/bin/mysql\_config

# PHP

###### 安装需要依赖

yum -y install libxml2-devel autoconf libjpeg-devel libpng-devel freetype-devel zlib-devel glibc-devel glib2-devel openssl-devel bzip2-devel libcurl-devel t1lib-devel gmp-devel libc-client-devel openldap-devel unixODBC-devel expat-devel libxslt-devel libtool-ltdl-devel

###### 手动安装libmcrypt

wget <ftp://mcrypt.hellug.gr/pub/crypto/mcrypt/attic/libmcrypt/libmcrypt-2.5.7.tar.gz>

tar -zxvf libmcrypt-2.5.7.tar.gz

cd libmcrypt-2.5.7

./configure prefix=/usr/local/libmcrytp/

make

make install

ln -s /usr/local/libmcrytp/include/mcrypt.h /usr/include/

###### 处理类库路径

在/etc/ld.so.conf中加一行/usr/local/lib

然后运行/sbin/ldconfig

###### 编译安装

wget <http://cn2.php.net/distributions/php-5.3.29.tar.gz>

tar -zxvf php-5.3.29.tar.gz

cd php-5.3.29

./configure --prefix=/usr/local/php5 --with-config-file-path=/usr/local/php5/etc --with-apxs2=/usr/local/apache2/bin/apxs --with-mysql=/usr/local/mysql --with-mysqli=/usr/local/mysql/bin/mysql\_config --with-pdo-mysql --with-freetype-dir --with-jpeg-dir --with-png-dir --with-zlib --enable-xml --with-curl --with-curlwrappers --with-mhash --with-gd --enable-gd-native-ttfl --with-openssl --enable-zip --enable-soap --enable-mbstring

cp ext/phar/phar/phar.php ext/phar/phar.phar

make

make install

###### 配置Apache支持PHP

vi /usr/local/apache2/conf/httpd.conf

AddType application/x-httpd-php .php #添加在IfModule mime\_module内

DirectoryIndex index.html #后添加index.php，在IfModule dir\_module内