

## LAMP:Linux+Apache+MySQL+PHP

### mysql

#### 1.package

mysql-server mysql

#### 2.file structure

/usr/bin/mysql /usr/bin/mysqladmin /etc/init.d/mysqld /etc/my.cnf

/var/lib/mysql/

#### 3.command

①/etc/init.d/mysqld start/restart/stop/status service mysqld start/restart/stop/status

chkconfig mysqld on/off

②mysqladmin -u root -h host -p *password* **password** new\_password

mysql -u root -h host -p *password*

③cmd:net start service\_name net stop service\_name netstat -ano tasklist /svc

### apache

#### 1.package

httpd

#### 2.file structure

/usr/sbin/httpd /etc/init.d/httpd

/etc/httpd/conf/httpd.conf /etc/httpd/conf.d/xx.conf /usr/lib/httpd/modules/xx.so

/var/log/httpd/ /var/www/html/

#### 3.command

/etc/init.d/httpd start/restart/stop/status service httpd start/restart/stop/status

chkconfig httpd on/off

#### 4.configuration

AddType application/x-httpd-php .php .phtml

DirectoryIndex index.php index.html

### mod\_php

#### 1.package

php php-mysql php-mbstring php-gd php-devel

#### 2.file structure

/etc/httpd/conf.d/php.conf /usr/lib/httpd/modules/libphp5.so /etc/php.ini

/etc/php.d/xx.ini /usr/lib/php/modules/xx.so

## **LNMP:Linux+Nginx+MySQL+PHP**

### **nginx**

#### 1.tarball/package

nginx.tar.gz pcre pcre-devel zlib zlib-devel

#### 2.file structure

prefix/sbin/nginx prefix/conf/nginx.conf prefix/conf/fastcgi.conf prefix/log/

prefix/html/

#### 3.command

yum groupinstall Development tools

### **4.configuration**

nginx.conf:remove # before php paragraph

fastcgi\_param SCRIPT\_FILENAME /scripts\$fastcgi\_script\_name;

fastcgi\_param SCRIPT\_FILENAME \$document\_root\$fastcgi\_script\_name;

fastcgi.conf:add to head

fastcgi\_param SCRIPT\_FILENAME \$document\_root\$fastcgi\_script\_name;

### **php-fpm**

#### 1.package

php-fpm

#### 2.file structure

/usr/sbin/php-fpm /etc/init.d/php-fpm /etc/php-fpm.conf

#### 3.command

/etc/init.d/php-fpm start/restart/stop/status service php-fpm start/restart/stop/status

chkconfig php-fpm on/off

**mod\_php(depend on httpd)**

### **mysql**

files: just read permission | directories: just read + execute permission

Amazon VPS configuration:

SQL Server version: 5.5.45 MySQL Community Server (GPL)

PHP Version 5.3.29

phpMyAdmin-4.4.15-all-languages

WordPress Version 4.3.1

Web Server version: Apache/2.2.31 (Unix)