Web服务器部署

1. 基础配置

yum -y install wget vim lrzsz expect

1. 网络配置

vim /etc/hosts

Git地址 gitlab.xiaoshushidai.com

1. 权限控制

//mkdir -p /www/deposit

//cd /www/deposit

//上传两个key

//疑似迁标用

vim ~/user

chmod 777 ~/user

touch ~/userlist.txt

groupadd www

useradd -s /sbin/nologin www -g www

chown -R www:www /www

1. 安装JDK

tar -zxvf ~/jdk\*.tar.gz -C /usr/local/

mv /usr/local/jdk\* /usr/local/jdk

vim /etc/profile

export JAVA\_HOME=/usr/local/jdk

export PATH=$PATH:$JAVA\_HOME/bin

source /etc/profile

java -version

1. 安装GIT

yum -y install autoconf perl cpio curl curl-devel gcc zlib-devel openssl-develexpat-devel gettex-devel

cd ~

tar -xf git-2.17.0.tar.gz

cd ~/git-2.17.0

mkdir /usr/local/git

make configure

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

make

make install

vim /etc/profile

export GIT\_HOME=/usr/local/git

export PATH=$PATH:$GIT\_HOME/bin

source /etc/profile

git --version

1. 安装PHP

安装依赖

yum -y install gcc gcc-c++ autoconf libjpeg libjpeg-devel libpng libpng-devel freetype freetype-devel libxml2 libxml2-devel zlib zlib-devel glibc glibc-devel glib2 glib2-devel bzip2 bzip2-devel ncurses ncurses-devel curl curl-devel e2fsprogs e2fsprogs-devel krb5 krb5-devel libidn libidn-devel openssl openssl-devel openldap openldap-devel nss\_ldap openldap-clients openldap-servers gd gd2 gd-devel gd2-devel perl-CPAN pcre-devel epel-release

yum -y install php-mcrypt libmcrypt libmcrypt-devel

yum -y install libXpm\* freetype\* libjpeg\* libpng\* php-gd php-bcmath

下载PHP源码

cd ~

wget http://cn2.php.net/distributions/php-5.6.31.tar.gz

tar -zxf php-5.6.31.tar.gz

cd php-5.6.31

编译安装

./configure \

--prefix=/usr/local/php \

--with-config-file-path=/usr/local/php/etc \

--with-fpm-user=www \

--with-fpm-group=www \

--with-mysqli=mysqlnd \

--with-imap-ssl \

--with-mcrypt \

--enable-inline-optimization \

--disable-fileinfo \

--with-fpm-user=www \

--with-mysql=mysqlnd \

--enable-mbregex \

--with-mhash \

--with-iconv-dir \

--with-iconv \

--enable-sysvsem \

--with-gettext \

--with-png-dir \

--enable-sockets \

--disable-debug \

--with-libxml-dir=/usr \

--with-curl \

--enable-opcache \

--enable-mbstring \

--with-xmlrpc \

--with-pdo-mysql=mysqlnd \

--with-gd \

--enable-zip \

--with-freetype-dir=/usr/local/freetype \

--enable-fpm \

--enable-shmop \

--enable-bcmath \

--disable-rpath \

--with-jpeg-dir \

--enable-sysvmsg \

--enable-ftp \

--enable-opcache \

--with-openssl \

--enable-gd-native-ttf \

--enable-pcntl \

--enable-mysqlnd \

--with-zlib \

--with-fpm-group=www \

--enable-xml \

--with-pcre-regex \

--enable-soap

make

make install

1. 安装PEAR

~/php-5.6.31/build/shtool install -c ext/phar/phar.phar /usr/local/php/bin

ln -s -f phar.phar /usr/local/php/bin/phar

1. 配置PHP

创建日志目录

mkdir -p /usr/local/php/log

配置php.ini

cp ~/php-5.6.31/php.ini-development /usr/local/php/etc/php.ini

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

;466行修改，不能在生产系统中显示错误给用户

display\_errors = Off

;574行修改，设置错误日志目录

error\_log = /usr/local/php/log/error.log

;702行修改，关闭此功能防止出错

always\_populate\_raw\_post\_data = -1

;936行修改，设置时区

date.timezone = PRC

配置php-fpm启动脚本

cp /root/php-5.6.31/sapi/fpm/init.d.php-fpm /etc/init.d/php-fpm

chmod 755 /etc/init.d/php-fpm

配置php-fpm.conf

cp /usr/local/php/etc/php-fpm.conf.default /usr/local/php/etc/php-fpm.conf

vim /usr/local/php/etc/php-fpm.conf

#164行修改，通过sock文件来监听

listen = /usr/local/php/var/run/php-cgi.sock

#175行修改，unix socket设置选项，如果使用tcp方式访问，这里注释即可

listen.owner = www

listen.group = www

#235行修改，子进程最大数

pm.max\_children = 120

#240行修改，启动时的进程数

pm.start\_servers = 20

#245行修改，保证空闲进程数最小值，如果空闲进程小于此值，则创建新的子进程

pm.min\_spare\_servers = 4

#250行修改，保证空闲进程数最大值，如果空闲进程大于此值，此进行清理

pm.max\_spare\_servers = 20

#360行修改，FPM状态页面的网址. 如果没有设置, 则无法访问状态页面. 默认值: none. munin监控会使用到

pm.status\_path = /status

#441行修改，慢请求的记录日志,配合request\_slowlog\_timeout使用

slowlog = log/$pool.log.slow

#447行修改，当一个请求该设置的超时时间后，就会将对应的PHP调用堆栈信息完整写入到慢日志中. 设置为 '0' 表示 'Off'

request\_slowlog\_timeout = 10

#454行修改，设置单个请求的超时中止时间. 该选项可能会对php.ini设置中的'max\_execution\_time'因为某些特殊原因没有中止运行的脚本有用. 设置为 '0' 表示 'Off'.当经常出现502错误时可以尝试更改此选项。

request\_terminate\_timeout = 0

1. PHP安装amqp插件

cd ~

yum -y install librabbitmq librabbitmq-devel

wget http://pecl.php.net/get/amqp-1.9.3.tgz

tar -zxf amqp-1.9.3.tgz

cd amqp-1.9.3

/usr/local/php/bin/phpize

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

make

make install

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

;末尾添加

extension=/usr/local/php/lib/php/extensions/no-debug-non-zts-20131226/amqp.so

重启php服务

service php-fpm restart

1. PHP安装fileinfo插件

cd ~/php-5.6.31/ext/fileinfo

/usr/local/php/bin/phpize

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

make

make install

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

;末尾添加

extension=/usr/local/php/lib/php/extensions/no-debug-non-zts-20131226/fileinfo.so

重启php服务

service php-fpm restart

1. PHP安装gearman插件

cd ~

yum -y install libgearman libgearman-devel

wget http://pecl.php.net/get/gearman-1.1.2.tgz

tar -zxf gearman-1.1.2.tgz

cd gearman-1.1.2

/usr/local/php/bin/phpize

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

make

make install

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

;末尾添加

extension=/usr/local/php/lib/php/extensions/no-debug-non-zts-20131226/gearman.so

重启php服务

service php-fpm restart

1. PHP安装phpredis插件

cd ~

wget http://pecl.php.net/get/redis-3.1.4.tgz

tar -zxf redis-3.1.4.tgz

cd redis-3.1.4

/usr/local/php/bin/phpize

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

make

make install

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

;末尾添加

extension=/usr/local/php/lib/php/extensions/no-debug-non-zts-20131226/redis.so

重启php服务

service php-fpm restart

1. 安装Nginx

cd ~

wget http://nginx.org/download/nginx-1.12.1.tar.gz

tar -zxf nginx-1.12.1.tar.gz

yum -y install pcre pcre-devel openssl openssl-devel

mkdir -p /usr/local/nginx

cd nginx-1.12.1

./configure \

--prefix=/usr/local/nginx \

--user=www \

--group=www \

--conf-path=/usr/local/nginx/conf/nginx.conf \

--http-log-path=/usr/local/nginx/logs/access.log \

--error-log-path=/usr/local/nginx/logs/error.log \

--pid-path=/usr/local/nginx/run/nginx.pid \

--lock-path=/usr/local/nginx/run/nginx.lock \

--with-http\_ssl\_module \

--with-http\_stub\_status\_module \

--with-http\_degradation\_module \

--with-http\_gzip\_static\_module \

--with-pcre

make

make install

vim /etc/profile

export NGINX\_HOME=/usr/local/nginx

export PATH=$NGINX\_HOME/sbin:$PATH

source /etc/profile

nginx -v

mkdir /usr/local/nginx/conf/sites

cd /usr/local/nginx/conf/sites

上传mfilter

mkdir /usr/local/nginx/conf/sites/rewrite

上传rewrite文件夹内文件

vim /usr/local/nginx/conf/nginx.conf

nginx

1. 新加测试Web步骤