lnmp 搭建 Nginx1.12.1; mysql5.6; php7.2

1、安装依赖

```
1  yum install gcc bison bison-devel zlib-devel libmcrypt-devel mcrypt mhash-
   devel openssl-devel libxml2-devel libcurl-devel bzip2-devel readline-devel
   libedit-devel sqlite-devel libpng-devel libjpeg-devel freetype freetype-devel
```

2、nginx

```
1  [nginx]
2  name=nginx repo
3  baseurl=http://nginx.org/packages/centos/6/$basearch/
4  gpgcheck=0
5  enabled=1
6
7  yum install nginx -y
```

2、php

```
1  rpm -Uvh http://ftp.iij.ad.jp/pub/linux/fedora/epel/6/x86_64/epel-release-6-
   8.noarch.rpm
2  rpm -Uvh http://rpms.famillecollet.com/enterprise/remi-release-6.rpm
3
4  yum -y install --enablerepo=remi --enablerepo=remi-php56 php php-bcmath php-
   opcache php-devel php-mbstring php-mcrypt php-mysqlnd php-gd php-xml php-
   memcache php-redis php-fpm php-mysql php-common php-mssql
5
6  vim /etc/php.ini
7  expose_php = Off #关闭phpxinxi
8
9  service php-fpm restart #启动php
10 chkconfig php-fpm --level 2345 on #设置开机启动
```

3、mysql

```
1  [mysql56-community]
2  name=MySQL 5.6 Community Server
```

```
3   baseurl=http://repo.mysql.com/yum/mysql-5.6-community/el/6/$basearch/
4   gpgcheck=0
5   enabled=0
6
7   yum -y install mysql-community-client mysql-community-devel mysql-community-
    server
8
9   GRANT ALL PRIVILEGES ON *.* TO 'root'@'%' IDENTIFIED BY '123456' WITH GRANT
    OPTION;
10  flush privileges;
```

4、download zabbix

```
1   wget -O zabbix-3.4.2.tar.gz
    http://sourceforge.net/projects/zabbix/files/ZABBIX%20Latest%20Stable/3.4.2/za
    bbix-3.4.2.tar.gz/download
2
3   wget http://repo.zabbix.com/zabbix/3.4/rhel/6/x86_64/zabbix-get-3.4.4-
    2.el6.x86_64.rpm
4   yum install -y  zabbix-get-3.4.4-2.el6.x86_64.rpm
```

5、create database

```
1   CREATE DATABASE zabbix DEFAULT CHARACTER SET utf8mb4 COLLATE
    utf8mb4_general_ci;
2   CREATE USER 'zabbix'@'%' IDENTIFIED BY '123456';
3   grant all privileges on zabbix.* to zabbix@localhost identified by '123456';
4
5   mysql> use zabbix;
6   mysql> source /home/bfxy/soft/zabbix-3.4.2/database/mysql/schema.sql;
7   mysql> source /home/bfxy/soft/zabbix-3.4.2/database/mysql/data.sql;
8   mysql> source /home/bfxy/soft/zabbix-3.4.2/database/mysql/images.sql;
9   mysql> quit
```

6、编译zabbix

```
1   yum install -y net-snmp net-snmp-devel curl curl-devel mysql-devel libevent-
    devel pcre-devel
2
3   ./configure --prefix=/home/bfxy/servers/zabbix --with-mysql --with-net-snmp --
```

```
    with-libcurl --enable-server --enable-agent --enable-proxy
 4
 5  make && make install
```

7、zabbix_agent.conf

```
 1  LogFile=/home/bfxy/logs/zabbix_agentd.log
 2  Server=127.0.0.1
 3  ServerActive=127.0.0.1
 4  Hostname=Zabbix server
```

8、zabbix_server.conf

```
 1  LogFile=/home/bfxy/logs/zabbix_server.log
 2  DBName=zabbix
 3  DBUser=zabbix
 4  DBHost=localhost
 5  DBPassword=123456
 6  AlertScriptsPath=/home/bfxy/servers/zabbix/alertscript
```

9、php.ini

```
 1  sudo sed -i 's/post_max_size = 8M/post_max_size = 32M/g' /etc/php.ini
 2  sudo sed -i 's/upload_max_filesize = 2M/upload_max_filesize = 50M/g'
    /etc/php.ini
 3  sudo sed -i 's/;date.timezone =/date.timezone =PRC/' /etc/php.ini
 4  sudo sed -i 's/max_execution_time = 30/max_execution_time = 600/g'
    /etc/php.ini
 5  sudo sed -i 's/max_input_time = 60/max_input_time = 600/g' /etc/php.ini
 6  sudo sed -i 's/memory_limit = 128M/memory_limit = 256M/g' /etc/php.ini
 7
 8  #vim /usr/local/php/etc/php.ini
 9  cgi.fix_pathinfo=1
10
11  /etc/init.d/php-fpm restart
12
13  vim /etc/ld.so.conf
14  /usr/lib64/mysql
15  ldconfig
```

10、复制php页面,并设置权限

```
1  cp -rf /home/bfxy/soft/zabbix-3.4.2/frontends/php/ /www/php
2  #chown www.www -R /www/php/
```

11、nginx

```
1  server {
2      listen       80;
3      server_name  localhost;
4
5      #charset koi8-r;
6      #access_log  /var/log/nginx/host.access.log  main;
7      root /home/bfxy/servers/zabbix/php
8      index index.php index.html index.htm
9      location / {
10         if (!-e $request_filename) {
11                 rewrite  ^(.*)$  /index.php/$1  last;
12                 break;
13         }
14     }
15
16     location ~ \.php {
17         fastcgi_pass   127.0.0.1:9000;
18         fastcgi_index  index.php;
19         include        fastcgi_params;
20         set $real_script_name $fastcgi_script_name;
21         if ($fastcgi_script_name ~ "^(.+?\.php)(/.+)$") {
22             set $real_script_name $1;
23             set $path_info $2;
24         }
25         fastcgi_param SCRIPT_FILENAME $document_root$real_script_name;
26         fastcgi_param SCRIPT_NAME $real_script_name;
27         fastcgi_param PATH_INFO $path_info;
28         }
29 }
```

12、开启中文

```
1  #vim /usr/local/zabbix/php/include/locales.inc.php
2  'zh_CN' => ['name' => _('Chinese (zh_CN)'),     'display' => true],
3  #/etc/init.d/php-fpm restart
```

```
sudo setfacl -R -m u:nginx:rwx /var/lib/php
```

zabbix-agent