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商派ECShop4.1部署文档

商派软件有限公司

目录

一、nginx环境下的部署说明

部署约定

操作系统：Centos 7.0 x64或6系列更高版本

服务器的mac地址不可以动态变化，必须是固定的(例如微软云则不支持) nginx、php-fpm的用户和组默认是 www和www

执行代码相关操作的的时候，例如bbc本身的update命令或代码复制的时候最好不要用root直接操作，请用

sudo -u www 您的命令 来进行，防止目录权限错误

1、lnmp一键安装包进行部署

```
1   #安装screen
2   yum install screen -y
3   #进入screen模式
4   screen -S lnmp
5   #进入目录
6   cd /usr/local
7   #执行安装命令
8   wget http://soft.vpser.net/lnmp/lnmp1.6.tar.gz -cO lnmp1.6.tar.gz && tar zxf lnmp1.6.tar.gz &&
    cd lnmp1.6 && ./install.sh lnmp
9   #执行完命令后操作参考文档地址
10  #一件安装命令具体操作文档 https://lnmp.org/install.html
11  #说明：ecshop选择mysql5.6，php5.6
12  #mysql数据库初始密码使用密码生成器生成（16位密码即可）
13  #生成器地址 https://suijimimashengcheng.51240.com/
14  #例如生成后为 jpPrUzJnbjMKjCez
```

2、基础安装说明

查看对应的软件是否安装成功

```
1  [root@iZbp165858i0knchjfots2Z ~]# nginx-v nginx version:
2  nginx/1.16.1 [root@iZbp165858i0knchjfots2Z ~]# mysql-V
3  mysql Ver 14.14 Distrib 5.6.44, for Linux (x86_64) using EditLine wrapper
4  [root@iZbp165858i0knchjfots2Z ~]# php-fpm -v
5  PHP 5.6.40 (fpm-fcgi) (built: Mar 10 2020 17:33:44) Copyright (c) 1997-
6  2016 The PHP Group
7  Zend Engine v2.6.0, Copyright (c) 1998-2016 Zend Technologies
8  with Zend Guard Loader v3.3, Copyright (c) 1998-2014, by ZendTechnologies
9
```

重启脚本

```
1  #重启nginx
2  /etc/init.d/nginx restart/start/stop
3  #重启php
4  /etc/init.d/php-fpm restart/start/stop
5  #重启mysql
6  /etc/init.d/mysql restart/start/stop
```

3、服务器配置代码

```
1  #ecshop为例
2  mkdir -p /data/httpd/www/
3  cd /data/httpd/www/
4  下载ecshop代码
5  cd /usr/local/nginx/conf/vhost/
6  vim ecshop.conf
7  vim api.ecshop.conf
```

```
1  #ecshop.conf server {
2  server_name ecshop.me;
3  root /data/httpd/www/ecshop/ecshop; index
4  index.html index.htmindex.php; location / {
5  autoindex on;
6  }
7  location /h5 {
8  if (!-e $request_filename) { rewrite ^/(.*)
9  /h5/ last; break;
10 }
11 }
12 add_header Access-Control-Allow-Origin '*';
13     add_header Access-Control-Allow-Headers "Content-Type, Access-Control-Allow-Headers, Authorization, X-Requested-
14 With";
15     add_header Access-Control-Expose-Headers "Authorization";
16     add_header Access-Control-Allow-Methods "DELETE, GET, HEAD, POST, PUT, OPTIONS, TRACE, PATCH";
17
18
19
```

```
20  location ~ \.php$ {
21  fastcgi_pass unix:/tmp/php-cgi.sock;
22  fastcgi_index index.php;
23  fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
24  include fastcgi_params; 24 }
25  access_log /data/httpd/www/access_log/ecshop.log;
26  error_log /data/httpd/www/access_log/error.log crit; 27 }
28  #api.ecshop.conf
29  server {
30  server_name api.ecshop.me;
31  root /data/httpd/www/ecshop/phalapi/public/;
32  index index.html index.htm index.php;
    add_header Access-Control-Allow-Origin '*';

   add_header Access-Control-Allow-Headers "Content-Type, Access-Control-Allow-Headers, Authorization, X-

    Requested-With";

   add_header Access-Control-Expose-Headers "Authorization";

   add_header Access-Control-Allow-Methods "DELETE, GET, HEAD, POST, PUT, OPTIONS, TRACE, PATCH";

33
34  location / {
35  autoindex on;
39 }
40  location ~ \.php$ {
41  fastcgi_pass unix:/tmp/php-cgi.sock;
42  fastcgi_index index.php;
43  fastcgi_param SCRIPT_FILENAME $document_root$fastcgi_script_name;
44  include fastcgi_params; 45 }
46  access_log /data/httpd/www/access_log/api.ecshop.log;
47  error_log /data/httpd/www/access_log/error.log crit; 48 }
```

4、创建单独的数据库账号与密码（非root）

以ecshop为例

如下操作后可以得到 数据库名：ecshop 用户名：ecshop 密码：fRn1Go4OyyS5BkQA

这里ecshop的密码fRn1Go4OyyS5BkQA 为随机生成

```
1  [root@iZbp13tx21s4p0qjd90p08Z vhost]# mysql -uroot -pshop123
2  Warning: Using a password on the command line interface can be insecure. Welcome to the MySQL
3  monitor. Commands end with ; or\g.
4  Your MySQL connection id is 2
5  Server version: 5.6.44-log Source distribution
6  Copyright (c) 2000, 2019, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of
7  Oracle Corporation and/orits
```

```
8  affiliates. Other names may be trademarks of their respective owners.
9  Type 'help;' or '\h' for help. Type '\c' to clear the current input statement. mysql> create database ecshop;
10 Query OK, 1 row affected (0.00sec) mysql> use
11 ecshop;
12 Database changed
13 mysql> GRANT ALL PRIVILEGES ON ecshop.* TO 'ecshop'@'localhost' IDENTIFIED BY 'fRn1Go Query OK, 0 rows
14 affected (0.00 sec)
15 mysql> flush privileges;
16 Query OK, 0 rows affected (0.00 sec)
17
18
```

5、备份与日常维护（以ecshop为例）

文件代码与数据库备份

```
1   mkdir /data/httpd/www/shell
2   mkdir /data/httpd/www/backup
3   cp /usr/local/lnmp1.6/tools/backup.sh /data/httpd/www/shell/
4   vim /data/httpd/www/shell/backup.sh
5   #修改后
6   Backup_Home="/data/httpd/www/backup"
7   Backup_Dir=("/data/httpd/www/ecshop")
8   MYSQL_UserName='root'
9   MYSQL_PassWord='jpPrUzJnbjMKjCez'
10  Enable_FTP=1
```

nginx日志切割

```
1   mkdir /data/httpd/www/access_log
2   cp /usr/local/lnmp1.6/tools/cut_nginx_logs.sh /data/httpd/www/shell/
3   vim /data/httpd/www/shell/cut_nginx_logs.sh
4   #修改后
5   log_files_path="/data/httpd/www/access_log"
6   log_files_name=(ecshop api.ecshop)
```

php挂掉后自启脚本

```
1   cp/usr/local/lnmp1.6/tools/check502.sh/data/httpd/www/shell/ vim
2   /data/httpd/www/shell/check502.sh
3   #这里修改为你的域名
4   CheckURL="http://ecshop.me"
```

crontab

```
1  #crontab -e
2  #五分钟检测一次
3  */5 * * * * /data/httpd/www/shell/check502.sh >/dev/null 2>&1
4  #凌晨自动切割nginx日志
5  0 0 * * * /data/httpd/www/shell/cut_nginx_logs.sh >/dev/null 2>&1
6  #凌晨2点进行一次数据与文件备份
7  0 2 * * * /data/httpd/www/shell/backup.sh >/dev/null 2>&1
```

6、ftp安装

```
1  cd /usr/local/lnmp1.6/
2  ./pureftpd.sh
3  lnmp ftp add
4  #输入用户名+密码+访问路径
5  #常用命令
6  #Usage: lnmp ftp {add|list|del}
```

7、修改配置文件

在phalapi\config\app.php文件中修改域名。（修改为PC端访问域名）

```
22        ),
23
24        /**
25         * 接口服务白名单，格式：接口服务类名.接口服务方法名
26         *
27         * 示例：
28         * - *.*           通配，全部接口服务，慎用！
29         * - Site.*        Api_Default接口类的全部方法
30         * - *.Index       全部接口类的Index方法
31         * - Site.Index    指定某个接口服务，即Api_Default::Index()
32         */
33        'service_whitelist' => array(
34            'Site.Index',
35        ),
36
37        'host_url' => 'http://ecshop/',
38        'host_url_res' => 'http://ecshop/',
39
40        'default_category_img' => 'https://imgt1.oss-cn-shanghai.aliyuncs.co
            default_category.png',
41        'default_category_banner' => 'https://imgt1.oss-cn-shanghai.aliyuncs
            default_category_banner.jpg',
42        'default_article_img' => 'https://imgt1.oss-cn-shanghai.aliyuncs.com
            default_category_banner.jpg',
43        'default_category_goodsImage' => 'https://imgt1.oss-cn-shanghai.aliy
            default_category_banner.jpg', //默认商品图片
```

8、Nginx配置SSL模块与证书更新

证书的生成与获取：

在各平台获取SSL证书后，证书一般包含两个文件：****.key,*****.pem

将两个文件分别上传到服务器中

修改nginx的配置文件，让其分别指向两个文件

[root@ecs-***** vhost]# ls

Api.ecshop.conf ecshop.conf

[root@ecs-***** vhost]# pwd

/usr/local/nginx/conf/vhost

修改内容

server {

    listen 443;

    ssl on;

    ssl_certificate /usr/local/nginx/conf/ssl_aliyun/server.pem;

    ssl_certificate_key /usr/local/nginx/conf/ssl_aliyun/server.key;

}

重启nginx。SSL证书到期替换时，同样操作，上传证书、修改配置，重启即可。

二、apache环境下的部署说明

约定

操作系统：Centos 7.0 x64或6系列更高版本

服务器的mac地址不可以动态变化，必须是固定的(例如微软云则不支持)

apache,php-fpm的用户和组默认是 www和www

执行代码相关操作的的时候，例如bbc本身的update命令或代码复制的时候最好不要用root直接操作，请用
sudo -u www 您的命令 来进行，防止目录权限错误

1、lnmp一件安装包进行部署

（注：服务器上已存在环境的 不能执行 lnmp一件安装包进行部署命令 否则将会覆盖服务器上已存在的环境 可参考下面配置文件进行参考）

```
1   #安装screen
2   yum install screen -y
3   #进入screen模式
4   screen -S lnmp
5   #进入目录
6   cd /usr/local
7   #执行安装命令
8   wget http://soft.vpser.net/lnmp/lnmp1.6.tar.gz -cO lnmp1.6.tar.gz && tar zxf lnmp1.6.tar.gz &&
    cd lnmp1.6 && ./install.sh lnmpa
9   #执行完命令后操作参考文档地址
10  #一件安装命令具体操作文档 https://lnmp.org/install.html
11  #说明：ecshop选择mysql5.6，php5.6
12  #mysql数据库初始密码使用密码生成器生成（16位密码即可）
13  #生成器地址 https://suijimimashengcheng.51240.com/
14  #例如生成后为 jpPrUzJnbjMKjCez
```

2、基础安装说明

查看对应的软件是否安装成功

```
1   [root@iZbp165858i0knchjfots2Z ~]#httpd -v Server
2   version: Apache/2.4.46 (Unix)
3   Server built:   Sep  4 2020 11:26:40
4   [root@iZbp165858i0knchjfots2Z ~]# mysql-V
5   mysql Ver 14.14 Distrib 5.6.44, for Linux (x86_64) using EditLine wrapper
6   [root@iZbp165858i0knchjfots2Z ~]# php-fpm -v
7   PHP 5.6.40 (fpm-fcgi) (built: Mar 10 2020 17:33:44) Copyright (c) 1997-
8   2016 The PHP Group
9   Zend Engine v2.6.0, Copyright (c) 1998-2016 Zend Technologies
```

重启脚本

```
1   #重启apache
2   /etc/init.d/httpd restart/start/stop
3   #重启php
4   /etc/init.d/php-fpm restart/start/stop
5   #重启mysql
6   /etc/init.d/mysql restart/start/stop
```

3、服务器配置代码

```
1   #ecshop为例
2   mkdir -p /data/httpd/www/
3   cd /data/httpd/www/
4   上传ecshop代码
5   /usr/local/apache/conf/vhost
6   vim ecshop.conf
7   vim api.ecshop.conf
```

```
1  #ecshop.conf
2  <VirtualHost *:80>
3      DocumentRoot "/data/httpd/www/ecshop/ecshop"
4      ServerName ecshop.me
5
6      <Directory "/data/httpd/www/ecshop/ecshop">
7          SetOutputFilter DEFLATE
8          Options FollowSymLinks
9          AllowOverride All
10         Order allow,deny
11         Allow from all
12         DirectoryIndex index.html index.php
13         RewriteEngine on
14         RewriteCond %{REQUEST_FILENAME} -f [OR]
15         RewriteCond %{REQUEST_FILENAME} -d
16         RewriteRule ^ - [L]
17         RewriteRule ^ index.php [L]
18     </Directory>
```

```
28  #api.ecshop.conf
29  <VirtualHost *:80>
30      DocumentRoot "/data/httpd/www/ecshop/phalapi/public"
31      ServerName api.ecshop.me
32      <Directory "/data/httpd/www/ecshop/phalapi/public">
33      RewriteEngine on
34      RewriteCond %{REQUEST_FILENAME} -f [OR]
35      RewriteCond %{REQUEST_FILENAME} -d
36      RewriteRule ^ - [L]
37      RewriteRule ^ index.php [L]
38          Header set Access-Control-Allow-Origin  '*'
39      </Directory>
40
41  </VirtualHost>
```

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4、创建单独的数据库账号与密码（非**root**）

这里以ecshop为例

如下操作后可以得到 数据库名：ecshop 用户名：ecshop 密码：fRn1Go4OyyS5BkQA

这里ecshop的密码fRn1Go4OyyS5BkQA 为随机生成

```
1   [root@iZbp13tx21s4p0qjd90p08Z vhost]# mysql -uroot -pshop123
2   Warning: Using a password on the command line interface can be insecure. Welcome to the MySQL
3   monitor. Commands end with ; or\g.
4   Your MySQL connection id is 2
5   Server version: 5.6.44-log Source distribution
6   Copyright (c) 2000, 2019, Oracle and/or its affiliates. All rights reserved. Oracle is a registered trademark of
7   Oracle Corporation and/orits
```

```
8    affiliates. Other names may be trademarks of their respective owners.
9    Type 'help;' or '\h' for help. Type '\c' to clear the current input statement. mysql> create database ecshop;
10   Query OK, 1 row affected (0.00sec) mysql> use
11   ecshop;
12   Database changed
13   mysql> GRANT ALL PRIVILEGES ON ecshop.* TO 'ecshop'@'localhost' IDENTIFIED BY 'fRn1Go Query OK, 0 rows
14   affected (0.00 sec)
15   mysql> flush privileges;
16   Query OK, 0 rows affected (0.00 sec)
17
18
```

5、备份与日常维护（以**ecshop**为例）

文件代码与数据库备份

```
1  mkdir /data/httpd/www/shell
2  mkdir /data/httpd/www/backup
3  cp /usr/local/lnmp1.6/tools/backup.sh /data/httpd/www/shell/
4  vim /data/httpd/www/shell/backup.sh
5  #修改后
6  Backup_Home="/data/httpd/www/backup"
7  Backup_Dir=("/data/httpd/www/ecshop")
8  MYSQL_UserName='root'
9  MYSQL_PassWord='jpPrUzJnbjMKjCez'
10 Enable_FTP=1
```

php挂掉后自启脚本

cp/usr/local/lnmp1.6/tools/check502.sh/data/httpd/www/shell/ vim

/data/httpd/www/shell/check502.sh

#这里修改为你的域名

CheckURL="http://ecshop.me"

crontab

```
1  #crontab -e
2  #五分钟检测一次
3  */5 * * * * /data/httpd/www/shell/check502.sh >/dev/null 2>&1
4  #凌晨2点进行一次数据与文件备份
5  0 2 * * * /data/httpd/www/shell/backup.sh >/dev/null 2>&1
```

6、ftp安装

```
1  cd /usr/local/lnmp1.6/
2  ./pureftpd.sh
3  lnmp ftp add
4  #输入用户名+密码+访问路径
5  #常用命令
6  #Usage: lnmp ftp {add|list|del}
```

7、修改配置文件

在phalapi\config\app.php文件中修改域名。（修改为PC端访问域名）