

## 一、安装过程

下载相关php安装包，进行解压，进入安装包，进行编译安装，编译

./configure

--prefix=/soft/php74

--with-config-file-path=/soft/php74/etc

--with-libdir=/usr/lib64

--with-freetype=/usr/include/freetype2/freetype/

--with-jpeg=/usr/lib64

--disable-rpath

--with-curl

--enable-gd

--with-gettext

--with-mysqli

--with-openssl

--with-openssl-dir

--with-iconv

--with-zip

--with-pdo-mysql

--with-pdo-sqlite

--with-xsl

--with-zlib

--with-bz2

--with-mhash

--enable-fpm

--enable-pdo

--enable-session

--enable-simplexml

--enable-bcmath

--enable-mbregex

--enable-mbstring

--enable-opcache

--enable-pcntl

--enable-shmop

--enable-soap

--enable-sockets

--enable-sysvmsg

--enable-sysvsem



```

; pool name ('www' here)
[www]

; Per pool prefix
; It only applies on the following directives:
; - 'access.log'
; - 'slowlog'
; - 'listen' (unixsocket)
; - 'chroot'
; - 'chdir'
; - 'php_values'
; - 'php_admin_values'
; When not set, the global prefix (or /usr/local/php7_4) applies instead.
; Note: This directive can also be relative to the global prefix.
; Default Value: none
;prefix = /path/to/pools/$pool

; Unix user/group of processes
; Note: The user is mandatory. If the group is not set, the default user's group
;       will be used.
user = nobody
group = nobody

; The address on which to accept FastCGI requests.
; Valid syntaxes are:
;   'ip.add.re.ss:port'    - to listen on a TCP socket to a specific IPv4 address on
;                           a specific port;
;   '[ip:6:addr:ess]:port' - to listen on a TCP socket to a specific IPv6 address on
;                           a specific port;
;   'port'                 - to listen on a TCP socket to all addresses
;                           (IPv6 and IPv4-mapped) on a specific port;
;   '/path/to/unix/socket' - to listen on a unix socket.
; Note: this value is mandatory.
listen = 127.0.0.1:9000

; Set listen(2) backlog.
; Default Value: 511 (-1 on FreeBSD and OpenBSD)
;listen.backlog = 511

; Set permissions for unix socket, if one is used. In Linux, read/write
; permissions must be set in order to allow connections from a web server. Many
; BSD-derived systems allow connections regardless of permissions. The owner
; and group can be specified either by name or by their numeric IDs.
; Default Values: user and group are set as the running user
;                  mode is set to 0660
;listen.owner = www-data
;listen.group = www-data
;listen.mode = 0660
; When POSIX Access Control Lists are supported you can set them using
; these options, value is a comma separated list of user/group names.
; When set, listen.owner and listen.group are ignored

```

解决方法：

修改enable-php.conf 文件，修改内容如下：

location ~ [^/].php(/|\$)

```

{
    try_files $uri =404;
    fastcgi_pass 127.0.0.1:9000;
    fastcgi_index index.php;
    include fastcgi.conf;
}

```

在nginx中引用该配置文件(nginx配置文件如下： /usr/local/nginx/conf/nginx.conf)，内容如下：

```

pwxt-admin.qdta.cn.conf pwxt-admin.qdta.cn.conf-- pwxt-operator.qdta.cn.conf
[root@qilin-v10 vhost]# cat pwxt-admin.qdta.cn.conf
server
{
    listen 80;
        listen 443 ssl http2;
            server_name pwxt-admin.qdta.cn;
index index.php index.html index.htm default.php default.htm default.html;
root /home/wwwroot/pwxt-admin.qdta.cn/public;

#SSL-START SSL相关配置，请勿删除或修改下一行带注释的404规则
#error_page 404/404.html;
ssl_certificate /www/server/panel/vhost/cert/pwxt-admin.qdta.cn/pwxt-admin.qdta.cn_bundle.pem;
ssl_certificate_key /www/server/panel/vhost/cert/pwxt-admin.qdta.cn/pwxt-admin.qdta.cn.key;
ssl_protocols TLSv1.1 TLSv1.2 TLSv1.3;
ssl_ciphers ECDH+CHACHA20:ECDH+CHACHA20-draft:EECDH+AES128:RSA+AES128:EECDH+AES256:RSA+AES256:EECDH+3DES:RSA+3DES:!MD5;
ssl_prefer_server_ciphers on;
ssl_session_cache shared:SSL:10m;
ssl_session_timeout 10m;
add_header Strict-Transport-Security "max-age=31536000";
error_page 497 https://$host$request_uri;

#SSL-END

#ERROR-PAGE-START 错误页配置，可以注释、删除或修改
#error_page 404 /404.html;
#error_page 502 /502.html;
#ERROR-PAGE-END

#PHP-INFO-START PHP引用配置，可以注释或修改
#include enable-php.conf;
include /usr/local/nginx/conf/enable-php1.conf;
#include /usr/local/nginx/conf/enable-php7.4.conf;
#include /usr/local/nginx/conf/enable-php.conf;
#PHP-INFO-END

#REWRITE-START URL重写规则引用，修改后将导致面板设置的伪静态规则失效
#include /www/server/panel/vhost/rewrite/pwxt-admin.yunyougulu.com.conf;
#REWRITE-END

#禁止访问的文件或目录

    location /robot-web/ {
        proxy_pass http://192.168.215.196:8083/;
    }
}

```

## 2、修改后报错如下：

提示被拒绝，错误信息如下：

```

--> 标准输入 -->
^C
[root@qilin-v10 vhost]# tail -10 /www/wwwlogs/pwxt-admin.qdta.cn.error.log
2024/08/30 15:32:42 [crit] 954944#9: *28947 connect() to unix:/tmp/php-cgi.sock failed (2: No such file or directory) while connecting to upstream, client: 182.33.6.238, server: pwxt-admin.qdta.cn, request: "GET /spot/mobile/tickets?spot_id=6&path=https://N2fN2/pwxt-operat
or.qdta.cn/N2fN2/mobile/tickets?listN3?spot_id=N30 HTTP/2.0", upstream: "fastcgi://unix:/tmp/php-cgi.sock", host: "pwxt-admin.qdta.cn", referer: "https://pwxt-operator.qdta.cn/N2fN2/mobile/tickets?listN3?spot_id=N30 HTTP/2.0", upstream: "fastcgi://unix:/tmp/php-cgi.sock", host: "pwxt-admin.qdta.cn", referer: "https://pwxt-operator.qdta.cn"
2024/08/30 15:32:42 [crit] 954944#9: *28947 connect() to unix:/tmp/php-cgi.sock failed (2: No such file or directory) while connecting to upstream, client: 182.33.6.238, server: pwxt-admin.qdta.cn, request: "GET /spot/mobile/config?spot_id=6&path=https://N2fN2/pwxt-operat
or.qdta.cn/N2fN2/mobile/tickets?listN3?spot_id=N30 HTTP/2.0", upstream: "fastcgi://unix:/tmp/php-cgi.sock", host: "pwxt-admin.qdta.cn", referer: "https://pwxt-operator.qdta.cn"
2024/08/30 15:32:43 [crit] 954941#8: *28944 connect() to unix:/tmp/php-cgi.sock failed (2: No such file or directory) while connecting to upstream, client: 10.255.7.148, server: pwxt-admin.qdta.cn, request: "POST /ota/ota/api HTTP/1.1", upstream: "fastcgi://unix:/tmp/ph
p-cgi.sock", host: "pwxt-admin.qdta.cn"
2024/08/30 15:32:44 [crit] 954944#8: *28967 connect() to unix:/tmp/php-cgi.sock failed (2: No such file or directory) while connecting to upstream, client: 112.224.155.54, server: pwxt-admin.qdta.cn, request: "GET /spot/mobile/tickets?spot_id=6&path=https://N2fN2/pwxt-oper
ator.qdta.cn/N2fN2/mobile/tickets?listN3?spot_id=N30 HTTP/2.0", upstream: "fastcgi://unix:/tmp/php-cgi.sock", host: "pwxt-admin.qdta.cn", referer: "https://pwxt-operator.qdta.cn"
2024/08/30 15:32:44 [crit] 954944#8: *28967 connect() to unix:/tmp/php-cgi.sock failed (2: No such file or directory) while connecting to upstream, client: 112.224.155.54, server: pwxt-admin.qdta.cn, request: "GET /spot/mobile/config?spot_id=6&path=https://N2fN2/pwxt-oper
ator.qdta.cn/N2fN2/mobile/tickets?listN3?spot_id=N30 HTTP/2.0", upstream: "fastcgi://unix:/tmp/php-cgi.sock", host: "pwxt-admin.qdta.cn", referer: "https://pwxt-operator.qdta.cn"
2024/08/30 15:32:44 [crit] 954941#8: *28944 connect() to unix:/tmp/php-cgi.sock failed (2: No such file or directory) while connecting to upstream, client: 10.255.7.148, server: pwxt-admin.qdta.cn, request: "POST /ota/ota/api HTTP/1.1", upstream: "fastcgi://unix:/tmp/ph
p-cgi.sock", host: "pwxt-admin.qdta.cn"
2024/08/30 15:32:46 [crit] 954944#8: *28971 connect() to unix:/tmp/php-cgi.sock failed (2: No such file or directory) while connecting to upstream, client: 43.144.187.30, server: pwxt-admin.qdta.cn, request: "GET /spot/wechat/callback?token=&code=901Sp000590051rZm4001
8944ksp04state=cd9a9315e410cb08678c145196a8a2 HTTP/1.1", upstream: "fastcgi://unix:/tmp/php-cgi.sock", host: "pwxt-admin.qdta.cn"
2024/08/30 15:58:08 [error] 1983851#8: *14 connect() to unix:/tmp/php-cgi.sock failed (111: Connection refused) while connecting to upstream, client: 124.128.12.34, server: pwxt-admin.qdta.cn, request: "GET /system/images/aa.php HTTP/2.0", upstream: "fastcgi://unix:/tmp
php-cgi.sock", host: "pwxt-admin.qdta.cn"
2024/08/30 15:58:11 [error] 1983851#8: *14 connect() to unix:/tmp/php-cgi.sock failed (111: Connection refused) while connecting to upstream, client: 124.128.12.34, server: pwxt-admin.qdta.cn, request: "GET /system/images/aa.php HTTP/2.0", upstream: "fastcgi://unix:/tmp
php-cgi.sock", host: "pwxt-admin.qdta.cn"
2024/08/30 15:58:16 [error] 1983851#8: *14 connect() to unix:/tmp/php-cgi.sock failed (111: Connection refused) while connecting to upstream, client: 124.128.12.34, server: pwxt-admin.qdta.cn, request: "GET /admin/login/0 HTTP/2.0", upstream: "fastcgi://unix:/tmp/php-cg
i.sock", host: "pwxt-admin.qdta.cn", referer: "https://pwxt-admin.qdta.cn/admin/login/verify.html"
[root@qilin-v10 vhost]# 等待输入Ctrl+C，自动结束
Connection closing...Socket close.
Connection closed by foreign host.

```

通过排查发现少修改了vhost下的enable-php，修改后即可成功

```

1 root(SSH)@192.168.215.203 2 root@qilin-v10:/usr/local/n...
server
{
    listen 80;
        listen 443 ssl http2;
        server_name pwxt-admin.qdta.cn;
    index index.php index.html index.htm default.php default.htm default.html;
    root /home/wwwroot/pwxt-admin.qdta.cn/public;

    #SSL-START SSL相关配置，请勿删除或修改下一行带注释的404规则
    #error_page 404/404.html;
    ssl_certificate /www/server/panel/vhost/cert/pwxt-admin.qdta.cn/pwxt-admin.qdta.cn_bundle.pem;
    ssl_certificate_key /www/server/panel/vhost/cert/pwxt-admin.qdta.cn/pwxt-admin.qdta.cn.key;
    ssl_protocols TLSv1.1 TLSv1.2 TLSv1.3;
    ssl_ciphers EECDH+CHACHA20:EECDH+CHACHA20-draft:EECDH+AES128:RSA+AES128:EECDH+AES256:RSA+AES256:EECDH+3DES:RSA+3DES;
    ssl_prefer_server_ciphers on;
    ssl_session_cache shared:SSL:10m;
    ssl_session_timeout 10m;
    add_header Strict-Transport-Security "max-age=31536000";
    error_page 497 https://$host$request_uri;

    #SSL-END

    #ERROR-PAGE-START 错误页配置，可以注释、删除或修改
    #error_page 404 /404.html;
    #error_page 502 /502.html;
    #ERROR-PAGE-END

    #PHP-INFO-START PHP引用配置，可以注释或修改
    #include enable-php.conf;
    include /usr/local/nginx/conf/enable-php1.conf;
    #include /usr/local/nginx/conf/enable-php7.4.conf;
    #include /usr/local/nginx/conf/enable-php.conf;
    #PHP-INFO-END

    #REWRITE-START URL重写规则引用，修改后将导致面板设置的伪静态规则失效
    #include /www/server/panel/vhost/rewrite/pwxt-admin.yunyouqilu.com.conf;
    #REWRITE-END

    #禁止访问的文件或目录

    location /robot-web/ {
        proxy_pass http://192.168.215.196:8083/;
    }

    location ~ ^/(.user.ini|.htaccess|.git|.env|.svn|.project|LICENSE|README.md)
    {

```

备注：

手动启动php-fpm: `php-fpm -c /usr/local/php7_4/lib/php.ini -y /usr/local/php7_4/etc/php-fpm.conf`

当存在多版本php时，通过软连接进行版本切换: `ln -sf /usr/local/php7_4/bin/php /usr/bin/php`

断开所有php-fpm进程连接: `pkill -9 php-fpm`

重启php-fpm:

`systemctl stop php-fpm`

`systemctl start php-fpm`