wordpress 环境

V5.0 版本 操作指南

西安金箍棒信息技术服务有限公司

西安市碑林区雁塔北路 67 号红锋商务大厦 4 层

目 录

一、商品说明

1、版本说明

此镜像为 wordpress 环境镜像，系统：Aliyun（兼容 CentOS），更新时间 2024 年 8 月。您可以一键快速搭建自己的 wordpress 环境服务器。

2、安全加固

为进一步提升云服务的安全性，我公司对镜像产品实施了全面的安全加固，共计完成 88 项基线加固措施。这些精细化的安全改进，不仅确保我们的镜像产品严格符合等保 2.0 的安全标准，更在防御外部攻击、内部漏洞修复、数据加密保护等多个安全维度上实现了显著增强，为您的数据的安全存储与业务的平稳运行提供坚实保障。选择我们的镜像产品，意味着您将获得一个经过深度安全加固、符合高标准安全要求的云端解决方案，让您的业务在安全的护航下稳健运行。
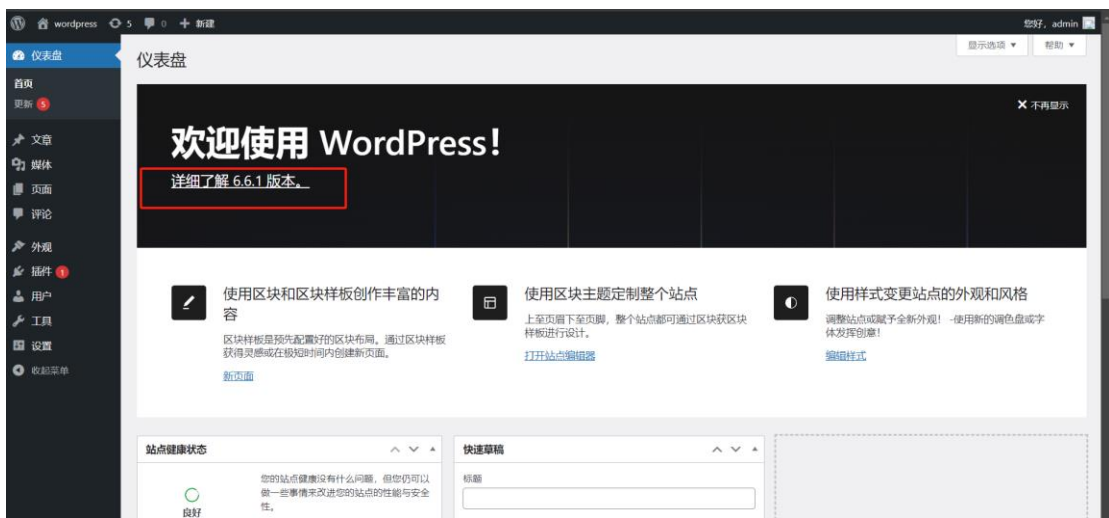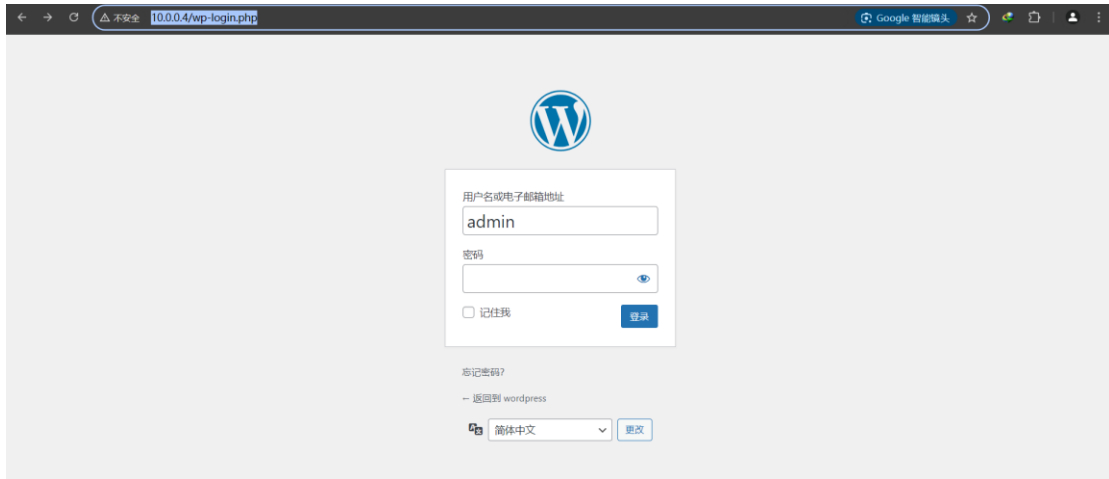
如您的业务环境有其他安全需求，请与客服联系，我们可为您提供一对一定制服务。

二、操作指南
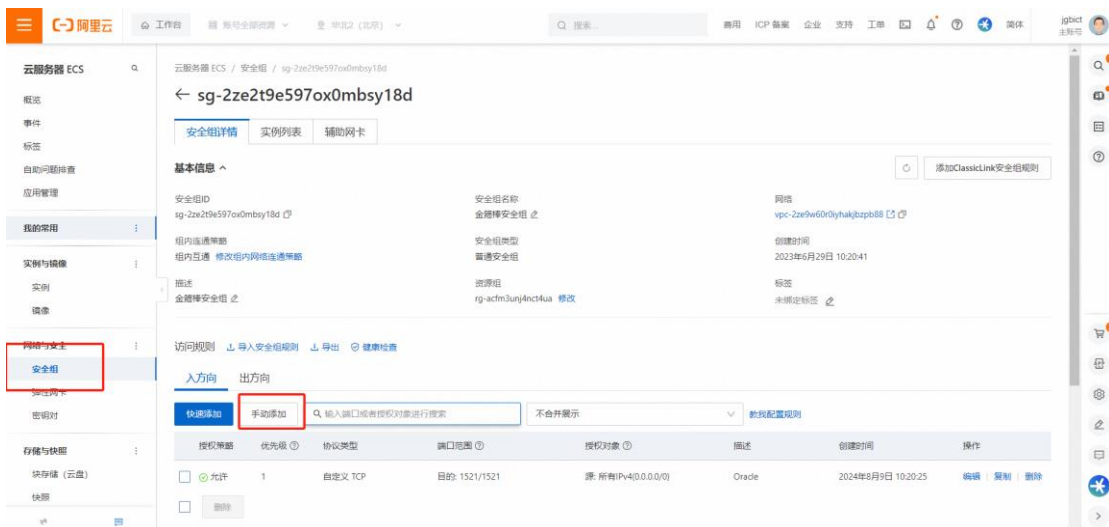
1、wordpress 环境信息

wordpress 版本 6.6.1

外网地址：http://公网 IP/wp-login.php

用户名：admin

密码:admin

2、安全组开放相应的端口 80
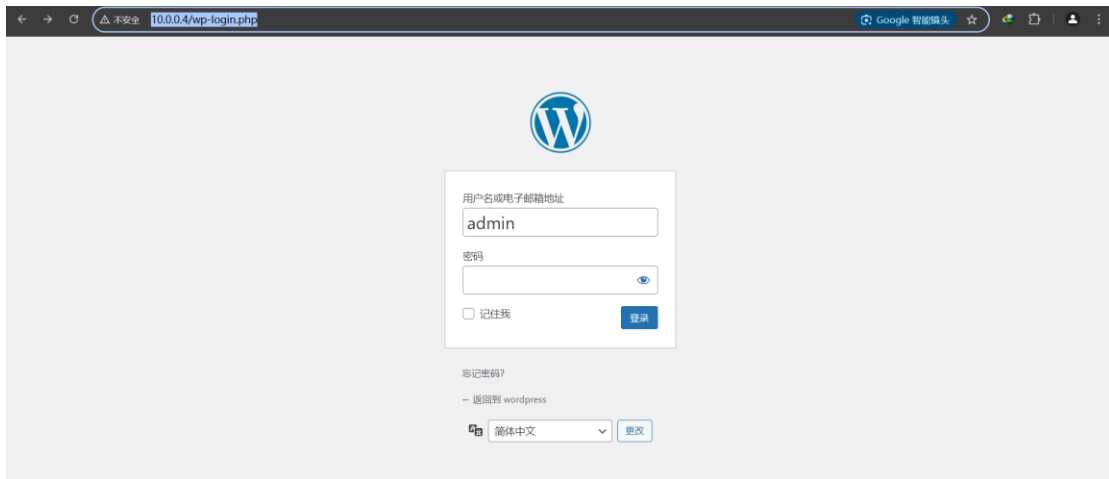
点击阿里云 ecs，点击安全组，入方向，手动添加

允许 TCP、端口 80、允许所有 IPv4,保存即可。

3、登录 wordpress 面板

打开浏览器，输入链接地址。
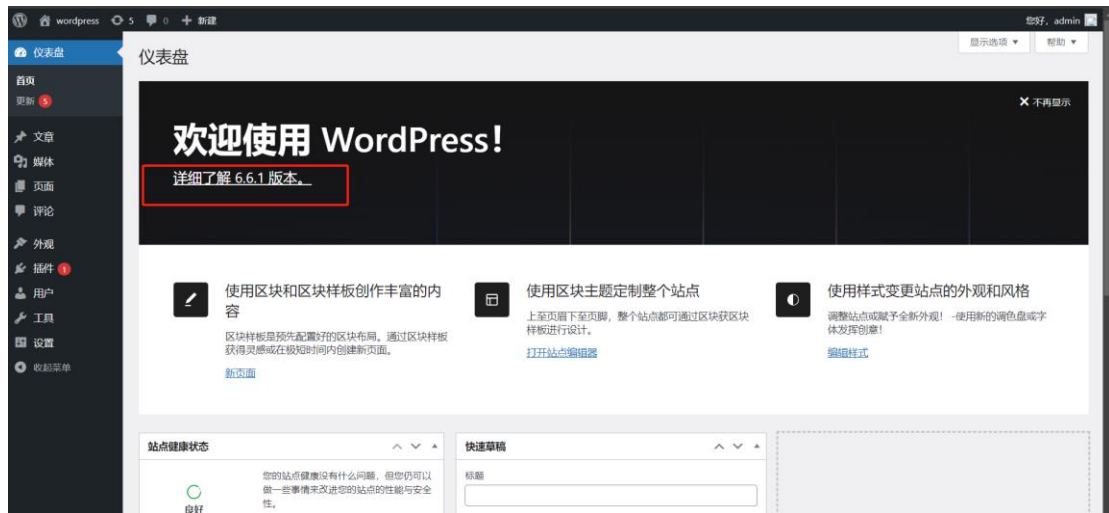
面板包含（文章、媒体、页面、评论、外观、插件、用户、工具、设置等）

测试展示页面如下
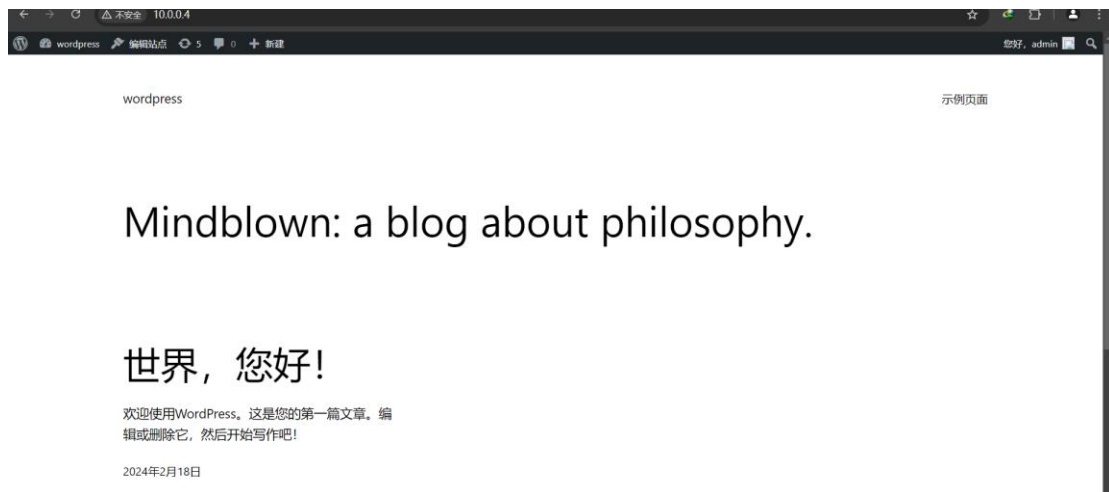
4、wordpress 配置信息

wordpress 环境镜像包含（Nginx1.24.0、php7.4.33、MySQL5.7.44、Redis 7.2.3、Memcached1.6.22、Jemalloc5.2.1、Pure-FTPd1.0.49）。

服务	版本	安装位置	配置文件	密码
Nginx	1.24.0	/usr/local/nginx	nginx.conf	
Php-fpm	7.4.33	/usr/local/php	php.ini	
Mysql	5.7.44	/usr/local/mysql/	my.cnf	oracle123
Memcached	1.6.22	/usr/local/memcached		

Pure-FTP	1.0.49	/usr/local/pureftpd	pure-ftpd.conf	
Redis	7.2.3	/usr/local/redis/	redis.conf	

5、wordpress 环境简单使用

使用（Crt、putty、xshell 等远程工具进行链接）。

选择 ssh 协议、输入公网地址以及账户名密码，进行远程链接。

西安金箍棒信息技术服务有限公司　　　　　　　地址：西安市雁塔路 67 号红锋商务大厦 4 层
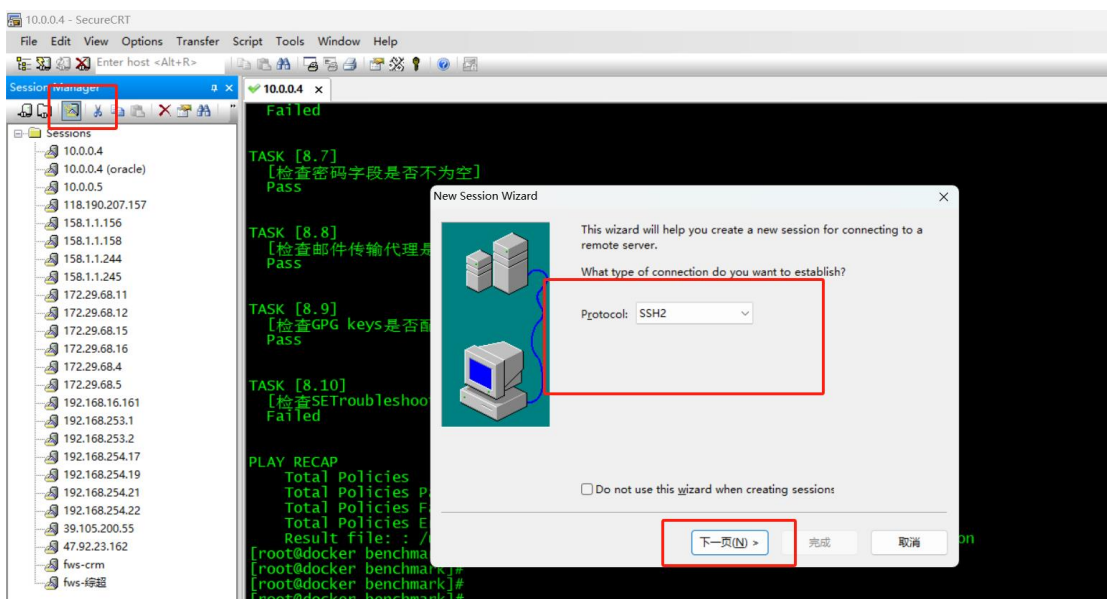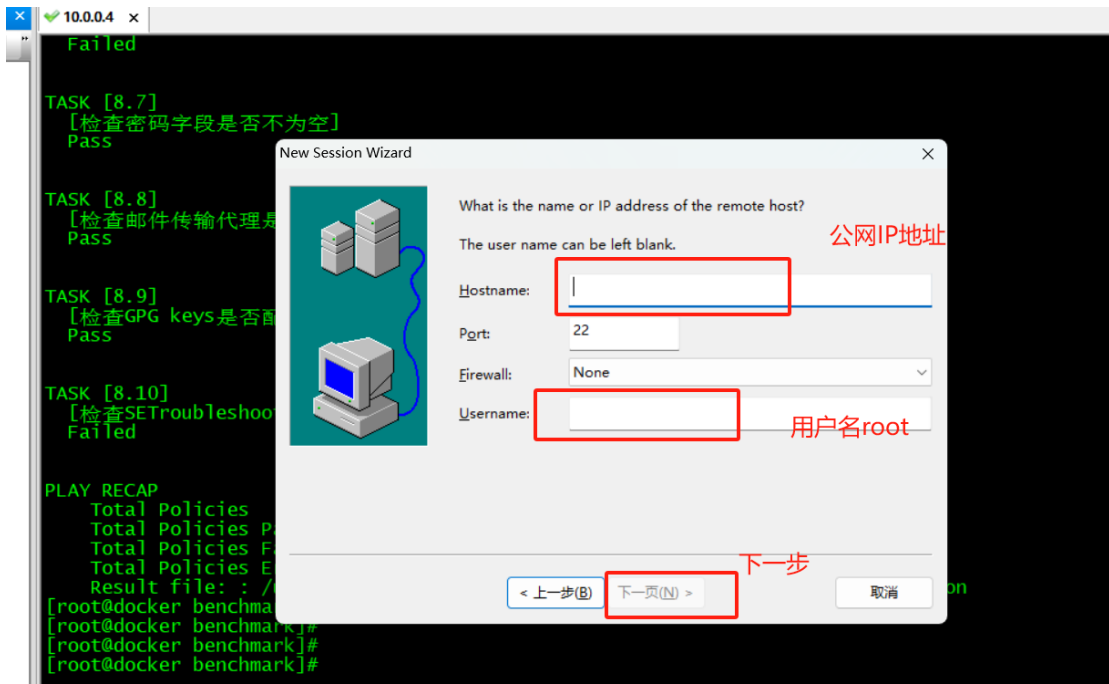
双击链接即可

执行如下命令

Nginx 启动

systemctl start　　nginx
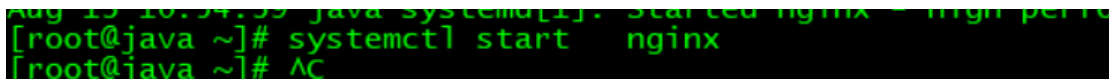
Nginx 查询状态

systemctl status　nginx
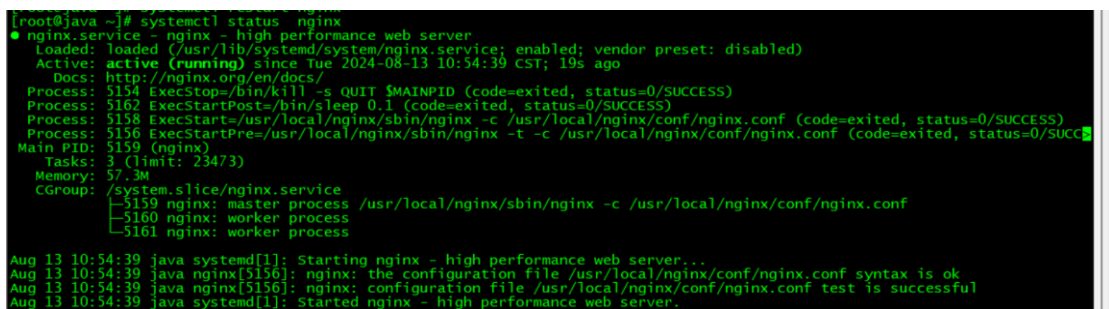
Nginx 关闭

systemctl stop　nginx

Nginx 重启

systemctl restart nginx

```
[root@java ~]#
[root@java ~]#
[root@java ~]# systemctl restart nginx
[root@java ~]#
```

Nginx 查询日志

tail -f /data/wwwlogs/error_nginx.log

```
[1]+  Stopped                    tail -f /data/wwwlogs/error_nginx.log
[root@java ~]#
[root@java ~]#
[root@java ~]#
[root@java ~]# tail -f  /data/wwwlogs/error_nginx.log
```

php 使用

查询 php 版本

/usr/local/php/bin

./php –version

```
-rwxr-xr-x 1 root root     4524 Feb 18 10:37 phpize
[root@wordpress bin]# pwd
/usr/local/php/bin
[root@wordpress bin]# ./php --version
PHP 7.4.33 (cli) (built: Feb 18 2024 10:36:43) ( NTS )
Copyright (c) The PHP Group
Zend Engine v3.4.0, Copyright (c) Zend Technologies
    with Zend OPcache v7.4.33, Copyright (c), by Zend Technologies
[root@wordpress bin]#
[root@wordpress bin]#
```

php 启动

systemctl start php-fpm

```
[root@wordpress bin]# systemctl start  php-fpm
[root@wordpress bin]#
[root@wordpress bin]#
[root@wordpress bin]# systemctl status php-fpm
● php-fpm.service - The PHP FastCGI Process Manager
   Loaded: loaded (/usr/lib/systemd/system/php-fpm.service; enabled; vendor preset: disabled)
   Active: active (running) since Wed 2024-08-14 10:41:05 CST; 2s ago
     Docs: http://php.net/docs.php
 Main PID: 4206 (php-fpm)
    Tasks: 31 (limit: 23469)
   Memory: 18.8M
   CGroup: /system.slice/php-fpm.service
           ├─4206 php-fpm: master process (/usr/local/php/etc/php-fpm.conf)
           ├─4207 php-fpm: pool www
           ├─4208 php-fpm: pool www
           ├─4209 php-fpm: pool www
           ├─4210 php-fpm: pool www
           ├─4211 php-fpm: pool www
           ├─4212 php-fpm: pool www
           ├─4213 php-fpm: pool www
           ├─4214 php-fpm: pool www
           ├─4215 php-fpm: pool www
           ├─4216 php-fpm: pool www
```

php 查看状态

systemctl status php-fpm

```
[root@wordpress bin]# systemctl status php-fpm
● php-fpm.service - The PHP FastCGI Process Manager
   Loaded: loaded (/usr/lib/systemd/system/php-fpm.service; enabled; vendor preset: disabled)
   Active: active (running) since Wed 2024-08-14 09:00:55 CST; 1h 33min ago
     Docs: http://php.net/docs.php
 Main PID: 795 (php-fpm)
    Tasks: 31 (limit: 23469)
   Memory: 385.5M
   CGroup: /system.slice/php-fpm.service
           ├─795 php-fpm: master process (/usr/local/php/etc/php-fpm.conf)
           ├─890 php-fpm: pool www
           ├─891 php-fpm: pool www
           ├─892 php-fpm: pool www
           ├─893 php-fpm: pool www
           ├─894 php-fpm: pool www
           ├─899 php-fpm: pool www
           ├─901 php-fpm: pool www
           ├─902 php-fpm: pool www
           ├─903 php-fpm: pool www
           ├─904 php-fpm: pool www
           ├─905 php-fpm: pool www
           ├─906 php-fpm: pool www
           ├─907 php-fpm: pool www
```

php 关闭

systemctl stop php-fpm

```
[root@wordpress bin]#
[root@wordpress bin]# systemctl stop  php-fpm
[root@wordpress bin]#
[root@wordpress bin]#
[root@wordpress bin]#
[root@wordpress bin]#
[root@wordpress bin]# systemctl status php-fpm
● php-fpm.service - The PHP FastCGI Process Manager
   Loaded: loaded (/usr/lib/systemd/system/php-fpm.service; enabled; vendor preset: disabled)
   Active: inactive (dead) since Wed 2024-08-14 10:38:55 CST; 3s ago
     Docs: http://php.net/docs.php
  Process: 795 ExecStart=/usr/local/php/sbin/php-fpm --nodaemonize --fpm-config /usr/local/php/etc/php-fpm.conf (code=exite>
 Main PID: 795 (code=exited, status=0/SUCCESS)

Aug 14 09:00:55 wordpress systemd[1]: Started The PHP FastCGI Process Manager.
Aug 14 10:38:55 wordpress systemd[1]: Stopping The PHP FastCGI Process Manager...
Aug 14 10:38:55 wordpress systemd[1]: php-fpm.service: Succeeded.
Aug 14 10:38:55 wordpress systemd[1]: Stopped The PHP FastCGI Process Manager.
lines 1-11/11 (END)
```

php 重启

systemctl restart php-fpm

```
[root@wordpress bin]# systemctl restart  php-fpm
[root@wordpress bin]# systemctl status php-fpm
● php-fpm.service - The PHP FastCGI Process Manager
   Loaded: loaded (/usr/lib/systemd/system/php-fpm.service; enabled; vendor preset: disabled)
   Active: active (running) since Wed 2024-08-14 10:42:02 CST; 1s ago
     Docs: http://php.net/docs.php
 Main PID: 4251 (php-fpm)
    Tasks: 31 (limit: 23469)
   Memory: 18.8M
   CGroup: /system.slice/php-fpm.service
           ├─4251 php-fpm: master process (/usr/local/php/etc/php-fpm.conf)
           ├─4252 php-fpm: pool www
           ├─4253 php-fpm: pool www
           ├─4254 php-fpm: pool www
           ├─4255 php-fpm: pool www
           ├─4256 php-fpm: pool www
           ├─4257 php-fpm: pool www
           ├─4258 php-fpm: pool www
           ├─4259 php-fpm: pool www
           ├─4260 php-fpm: pool www
           ├─4261 php-fpm: pool www
           ├─4262 php-fpm: pool www
           ├─4263 php-fpm: pool www
           ├─4264 php-fpm: pool www
           ├─4265 php-fpm: pool www
```

php 执行文件位置/usr/local/php/bin

```
[root@wordpress bin]# ll
total 153408
lrwxrwxrwx 1 root root        9 Feb 18 10:37 phar -> phar.phar
-rwxr-xr-x 1 root root    14892 Feb 18 10:37 phar.phar
-rwxr-xr-x 1 root root 53416112 Feb 18 10:37 php
-rwxr-xr-x 1 root root 53264720 Feb 18 10:37 php-cgi
-rwxr-xr-x 1 root root     3529 Feb 18 10:37 php-config
-rwxr-xr-x 1 root root 54488048 Feb 18 10:37 phpdbg
-rwxr-xr-x 1 root root     4524 Feb 18 10:37 phpize
[root@wordpress bin]# pwd
/usr/local/php/bin
[root@wordpress bin]#
```

php 配置文件/usr/local/php/etc/php-fpm.conf

```
[root@wordpress bin]# more  /usr/local/php/etc/php-fpm.conf
;;;;;;;;;;;;;;;;;;;;;
; FPM Configuration ;
;;;;;;;;;;;;;;;;;;;;;

;;;;;;;;;;;;;;;;;;
; Global Options ;
;;;;;;;;;;;;;;;;;;

[global]
pid = run/php-fpm.pid
error_log = log/php-fpm.log
log_level = warning

emergency_restart_threshold = 30
emergency_restart_interval = 60s
process_control_timeout = 5s
daemonize = yes


;;;;;;;;;;;;;;;;;;;;;
; Pool Definitions ;
;;;;;;;;;;;;;;;;;;;;;

[www]
listen = /dev/shm/php-cgi.sock
listen.backlog = -1
listen.allowed_clients = 127.0.0.1
```

php 日志

cd /usr/local/php/var/log

tail -f php-fpm.log

```
[root@wordpress log]# pwd
/usr/local/php/var/log
[root@wordpress log]#
[root@wordpress log]#
[root@wordpress log]# tail -f php-fpm.log
[18-Feb-2024 15:37:39] WARNING: [pool www] child 349504 said into stderr: "sh: /usr/sbin/sendmail: No such file or directory
"
[18-Feb-2024 15:38:32] WARNING: [pool www] child 349509 said into stderr: "sh: /usr/sbin/sendmail: No such file or directory
"
[14-Aug-2024 09:31:12] WARNING: [pool www] child 891 said into stderr: "sh: /usr/sbin/sendmail: No such file or directory"
```

Mysql 使用

Mysql 启动

systemctl start mysql

```
[root@java logs]#
[root@java logs]# systemctl start mysql
[root@java logs]#
[root@java logs]#
[root@java logs]#
[root@java logs]#
[root@java logs]#
```

Mysql 关闭

systemctl stop mysql

```
[root@java logs]#
[root@java logs]#
[root@java logs]# systemctl stop mysql
[root@java logs]#
[root@java logs]#
```

Mysql 运行状态

systemctl status mysql

```
[root@java logs]# systemctl status mysql
● mysqld.service - LSB: start and stop MySQL
   Loaded: loaded (/etc/rc.d/init.d/mysqld; generated)
   Active: active (running) since Tue 2024-08-13 11:36:22 CST; 5s ago
     Docs: man:systemd-sysv-generator(8)
  Process: 5717 ExecStop=/etc/rc.d/init.d/mysqld stop (code=exited, status=0/SUCCESS)
  Process: 5758 ExecStart=/etc/rc.d/init.d/mysqld start (code=exited, status=0/SUCCESS)
    Tasks: 28 (limit: 23473)
   Memory: 234.4M
   CGroup: /system.slice/mysqld.service
           ├─5771 /bin/sh /usr/local/mysql/bin/mysqld_safe --datadir=/data/mysql --pid-file=/data/mysql/mysql.pid
           └─6612 /usr/local/mysql/bin/mysqld --basedir=/usr/local/mysql --datadir=/data/mysql --plugin-dir=/usr/local/mysq

Aug 13 11:36:20 java systemd[1]: Starting LSB: start and stop MySQL...
Aug 13 11:36:22 java mysqld[5758]: Starting MySQL.. SUCCESS!
Aug 13 11:36:22 java systemd[1]: Started LSB: start and stop MySQL.
```

Mysql 登录

mysql –uroot –poracle123

```
[root@java ~]# mysql -uroot -poracle123
mysql: [Warning] Using a password on the command line interface can be insecure.
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 2
Server version: 5.7.44-log MySQL Community Server (GPL)

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Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MySQL [(none)]>
MySQL [(none)]>
MySQL [(none)]>
MySQL [(none)]>
```

Mysql 日志

cd /data/mysql

tail -f mysql-error.log

```
drwxr-x--- 2 mysql mysql   8192 Feb 21 10:02 sys
[root@java mysql]# pwd
/data/mysql
[root@java mysql]# tail -f mysql-error.log
2024-08-13T03:41:28.478279Z 0 [Warning] A deprecated TLS version TLSv1.1 is enabled. Please use TLSv1.2 or higher.
2024-08-13T03:41:28.487538Z 0 [Warning] CA certificate ca.pem is self signed.
2024-08-13T03:41:28.487538Z 0 [Note] Skipping generation of RSA key pair as key files are present in data directory.
2024-08-13T03:41:28.491349Z 0 [Note] Server hostname (bind-address): '0.0.0.0'; port: 3306
2024-08-13T03:41:28.491382Z 0 [Note]   - '0.0.0.0' resolves to '0.0.0.0';
2024-08-13T03:41:28.491406Z 0 [Note] Server socket created on IP: '0.0.0.0'.
2024-08-13T03:41:28.519261Z 0 [Note] Failed to start slave threads for channel ''
2024-08-13T03:41:28.556950Z 0 [Note] Event Scheduler: Loaded 0 events
2024-08-13T03:41:28.557276Z 0 [Note] /usr/local/mysql/bin/mysqld: ready for connections.
Version: '5.7.44-log'  socket: '/tmp/mysql.sock'  port: 3306  MySQL Community Server (GPL)
```

Mysql 配置文件

more /etc/my.cnf

```
[root@java mysql]# more /etc/my.cnf
[client]
port = 3306
socket = /tmp/mysql.sock

[mysql]
prompt="MySQL [\d]> "
no-auto-rehash

[mysqld]
port = 3306
socket = /tmp/mysql.sock

basedir = /usr/local/mysql
datadir = /data/mysql
pid-file = /data/mysql/mysql.pid
user = mysql
bind-address = 0.0.0.0
server-id = 1

init-connect = 'SET NAMES utf8mb4'
character-set-server = utf8mb4

skip-name-resolve
#skip-networking
back_log = 300

max_connections = 1241
max_connect_errors = 6000
```

Redis 使用

redis 启动

/usr/local/redis/bin/redis-server 127.0.0.1:6379

```
[root@java mysql]# ps -ef | grep redis
redis       834      1  0 11:41 ?        00:00:36 /usr/local/redis/bin/redis-server 127.0.0.1:6379
root       4640   3151  0 14:01 pts/0    00:00:00 grep --color redis
[root@java mysql]#
```

redis 查看运行

ps -ef | grep redis

```
[root@java mysql]# ps -ef | grep redis
redis       834      1  0 11:41 ?        00:00:36 /usr/local/redis/bin/redis-server 127.0.0.1:6379
root       4640   3151  0 14:01 pts/0    00:00:00 grep --color redis
[root@java mysql]#
```

redis 链接

redis-cli

127.0.0.1:6379> info

```
[root@java mysql]#
[root@java mysql]# redis-cli
127.0.0.1:6379> info
# Server
redis_version:7.2.3
redis_git_sha1:00000000
redis_git_dirty:0
redis_build_id:d6a40250e7ccef1b
redis_mode:standalone
os:Linux 5.10.134-13.an8.x86_64 x86_64
arch_bits:64
monotonic_clock:POSIX clock_gettime
multiplexing_api:epoll
atomicvar_api:c11-builtin
gcc_version:8.5.0
process_id:834
process_supervised:no
run_id:b4dc5dea22a8f0a892cdeb08cdc34f79301abb91
tcp_port:6379
server_time_usec:1723529009835216
uptime_in_seconds:8526
uptime_in_days:0
hz:10
configured_hz:10
lru_clock:12252977
executable:/usr/local/redis/bin/redis-server
config_file:/usr/local/redis/etc/redis.conf
io_threads_active:0
listener0:name=tcp,bind=127.0.0.1,bind=-::1,port=6379
```

redis 配置文件

/usr/local/redis/etc/redis.conf

```
[root@java mysql]# more /usr/local/redis/etc/redis.conf
# Redis configuration file example.
#
# Note that in order to read the configuration file, Redis must be
# started with the file path as first argument:
#
# ./redis-server /path/to/redis.conf

# Note on units: when memory size is needed, it is possible to specify
# it in the usual form of 1k 5GB 4M and so forth:
#
# 1k => 1000 bytes
# 1kb => 1024 bytes
# 1m => 1000000 bytes
# 1mb => 1024*1024 bytes
# 1g => 1000000000 bytes
# 1gb => 1024*1024*1024 bytes
#
# units are case insensitive so 1GB 1Gb 1gB are all the same.

############################## INCLUDES ###############################

# Include one or more other config files here.  This is useful if you
# have a standard template that goes to all Redis servers but also need
# to customize a few per-server settings.  Include files can include
# other files, so use this wisely.
#
# Note that option "include" won't be rewritten by command "CONFIG REWRITE"
# from admin or Redis Sentinel. Since Redis always uses the last processed
# line as value of a configuration directive, you'd better put includes
```

关闭 redis

查询 redis 进程号，然后 kill -9 进程号

```
ps -ef | grep redis
```

```
kill -9 进程号
```

```
[root@java mysql]# ps -ef | grep redis
redis       834      1  0 11:41 ?        00:00:37 /usr/local/redis/bin/redis-server 127.0.0.1:6379
root       4680   3151  0 14:05 pts/0    00:00:00 grep --color redis
[root@java mysql]#
[root@java mysql]#
[root@java mysql]# kill -9  834
```

6、常规错误如何排查

首先重启相关服务是否正常。

Nginx:

```
systemctl restart nginx
```

MySQL:

```
systemctl restart mysqld
```

Php:

```
systemctl restart php-fpm
```

Pure-Ftpd:

```
systemctl restart pureftpd
```

Redis:

```
systemctl restart redis-server
```

Memcached:

```
systemctl restart memcached
```

查看相关服务状态

Nginx:

```
systemctl status nginx
```

MySQL:

```
systemctl status mysqld
```

Php:

```
systemctl status php-fpm
```

Pure-Ftpd:

```
systemctl status pureftpd
```

Redis:

```
systemctl status redis-server
```

Memcached:

```
systemctl status memcached
```

查看相关服务的日志

Nginx:

```
tail -f /data/wwwlogs/error_nginx.log
```


MySQL:

```
cd /data/mysql
```

```
tail -f mysql-error.log
```

php:

cd /usr/local/php/var/log

tail -f php-fpm.log

Pure-Ftpd:

tail -f /var/log/pureftpd.log

Redis:

tail –f /usr/local/redis/var/redis.log
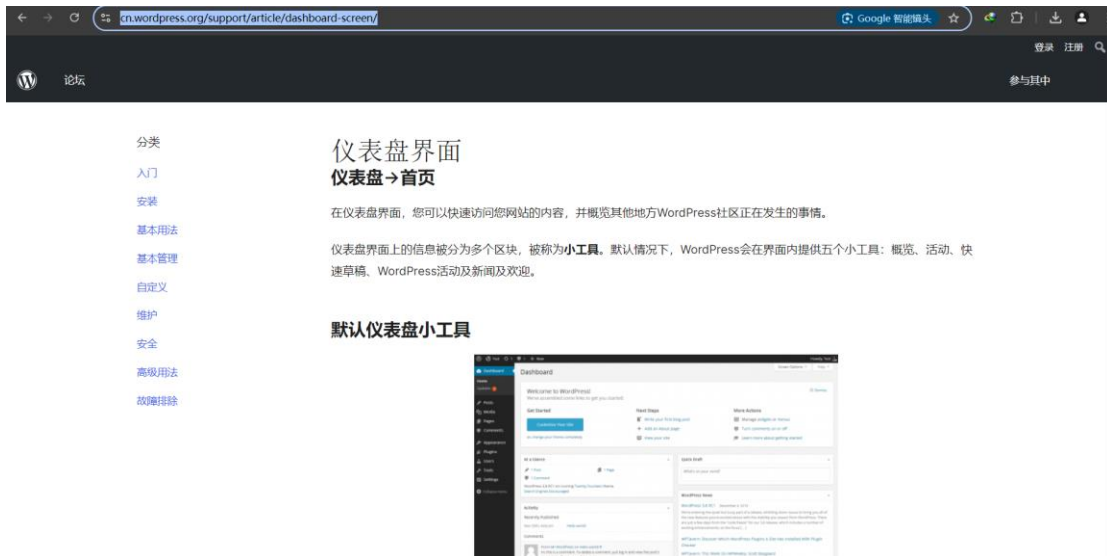
Memcached：

无日志输出

最后查看操作系统日志/var/log/messages

```
[root@java ~]#
[root@java ~]# tail -f /var/log/messages
Aug 13 14:00:06 java systemd[1]: Started system activity accounting tool.
Aug 13 14:10:06 java systemd[1]: Starting system activity accounting tool...
Aug 13 14:10:06 java systemd[1]: sysstat-collect.service: Succeeded.
Aug 13 14:10:06 java systemd[1]: Started system activity accounting tool.
Aug 13 14:20:49 java systemd[1]: Starting system activity accounting tool...
Aug 13 14:20:49 java systemd[1]: sysstat-collect.service: Succeeded.
Aug 13 14:20:49 java systemd[1]: Started system activity accounting tool.
Aug 13 14:30:06 java systemd[1]: Starting system activity accounting tool...
Aug 13 14:30:06 java systemd[1]: sysstat-collect.service: Succeeded.
Aug 13 14:30:06 java systemd[1]: Started system activity accounting tool.
```

7、wordpress/oneinstack 官方手册

https://cn.wordpress.org/support/article/dashboard-screen/

https://oneinstack.com/docs/wordpress/

浏览器输入链接信息。

官方手册内容收录内容如下：

分类

入门

安装

基本用法

基本管理

自定义

维护

安全

高级用法

故障排除

三、技术支持

1、售后服务

（1）您可以第一时间在阿里云市场联系售后获取服务。

（2）服务时间：09:00-18:00（紧急情况请打电话）

（3）服务热线：18091296777、4009030002 转 15953

（4）服务邮箱：22958288@qq.com

2、服务范围

远程支持：如果您在使用过程中遇到技术操作问题，请及时联系客服，我们的工程师可远程协助您完成操作。

定制服务：本公司支持一对一定制服务，如您的业务环境有特殊需求，请与客服联系。

付费服务：本公司可提供镜像部署、故障处理、安全运维代维等一站式托管服务，全面涵盖服务器环境配置，网站程序调试，数据库配置更改，数据库权限、账户，系统安全加固，故障排查，系统调优，数据库优化等范围。如您有相关需求，请咨询客服。