

注意：

阿帕云引擎必须安装 Redis 及 PHP Redis 扩展

Windows 安装说明

- 安装 Redis

Redis 客户端下载地

址：<https://github.com/MicrosoftArchive/redis/releases/download/win-3.2.100/Redis-x64-3.2.100.msi>

打开下载的 Redis 安装程序，按操作步骤安装即可。默认安装位置：

- 设置 Redis 密码

打开安装目录下的 redis.windows-service.conf 文件，找到 requirepass foobared 这一段，把 foobared 设置成新密码，如前面有#，注意将其去掉 requirepass 前不能有空格。

```
#  
# requirepass foobared 修改前  
requirepass newpass 修改后
```

- 安装 PHP Redis 扩展

查看 PHP 版本，可打印 `phpinfo()`；查看，或者进入 PHP 目录执行如下命令

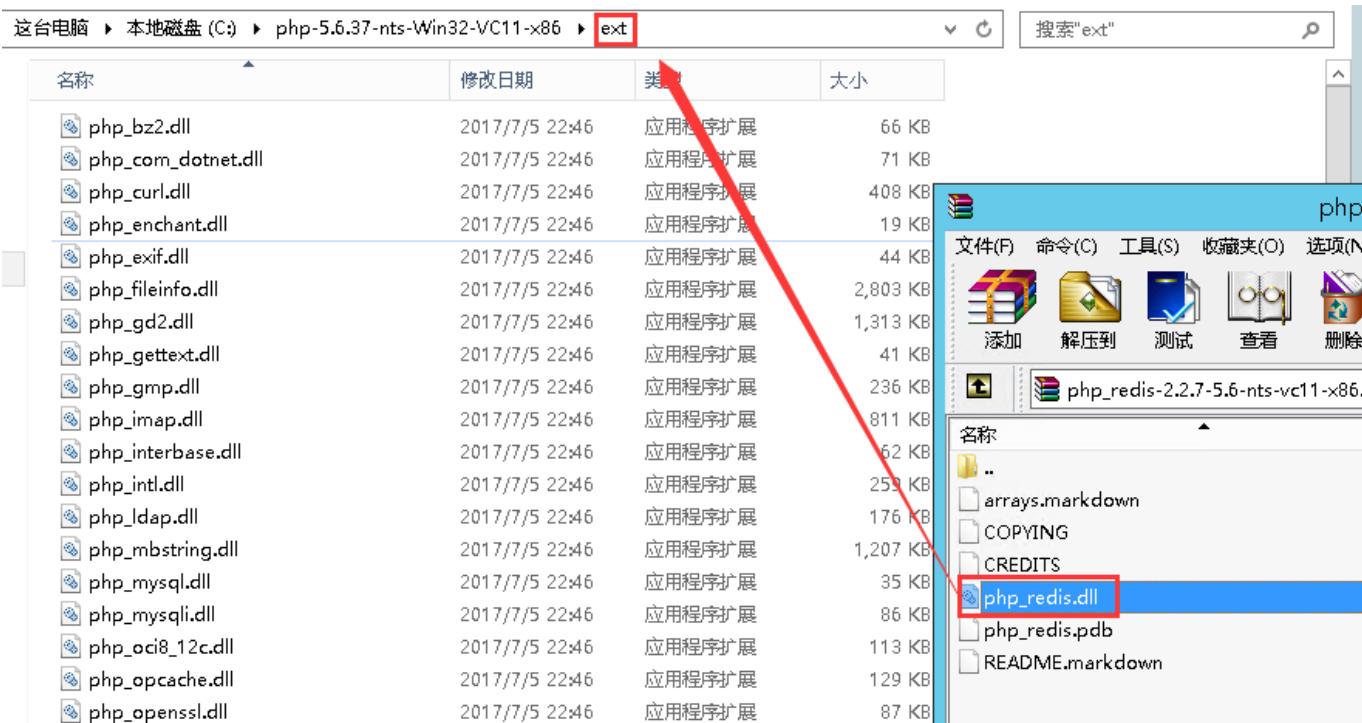
```
# 查看PHP版本号  
php.exe -i | find /i "PHP Version =>"  
# 查看PHP位数  
php.exe -i | find /i "Architecture =>"  
# 查看需要安装扩展的版本  
php.exe -i | find /i "PHP Extension Build =>"
```

```
C:\Windows\system32\cmd.exe  
  
D:\[REDACTED]\php56>php.exe -i | find /i "PHP Version =>"  
PHP Version => 5.6.40  
PHP Version => 5.6.40  
  
D:\[REDACTED]\php56>php.exe -i | find /i "Architecture =>"  
Architecture => x86  
PROCESSOR_ARCHITECTURE => x86  
  
D:\[REDACTED]\php56>php.exe -i | find /i "PHP Extension Build =>"  
PHP Extension Build => API20131226, NTS, VC11  
  
D:\Apache+PHP\environment86\php56>
```

根据平台 PHP 版本下载扩展，例如上面版本是 5.6.40[x86]NTS VC11 则下载下图倒数第二个。
扩展下载地址：<http://pecl.php.net/package/redis/2.2.7/windows>

DLL List			
PHP 5.6	5.6 Non Thread Safe (NTS) x64 5.6 Thread Safe (TS) x64 5.6 Non Thread Safe (NTS) x86 5.6 Thread Safe (TS) x86		

将扩展文件 `php_redis.dll` 放至 PHP 的扩展目录下



修改 PHP 配置文件 `php.ini`

在配置文件底部增加以下内容

```
[Redis]
extension = php_redis.dll
```

Linux 安装说明

- 安装 Redis

```
# 编译安装
wget http://download.redis.io/releases/redis-3.2.9.tar.gz
tar xzf redis-3.2.9.tar.gz
cd redis-3.2.9 && make
# 修改密码
sed -i 's/# requirepass foobared/requirepass 自己的密码/' redis.conf
# 修改为守护线程的方式启动
sed -i 's/daemonize no/daemonize yes/' redis.conf
```

- 测试 Redis

```
# 二进制文件是编译完成后在src目录下，通过下面的命令启动Redis服务：
src/redis-server ./redis.conf
# 你可以使用内置的客户端命令redis-cli进行使用：
src/redis-cli
# 验证权限
```

```
redis>auth 自己的密码
# 存储key值
redis>set foo bar
    OK
# 获取
redis>get foo
    "bar"
# 退出
redis>exit
```

3. 设置redis开机启动

```
vi /etc/init.d/redis
```

把下面的内容复制保存

```
#!/bin/sh
#chkconfig: 2345 80 90
# Simple Redis init.d script conceived to work on Linux systems
# as it does use of the /proc filesystem.

REDISPORT=6379
EXEC=/www/server/redis-3.2.9/src/redis-server
CLIEEXEC=/www/server/redis-3.2.9/src/redis-cli

PIDFILE=/var/run/redis_${REDISPORT}.pid
CONF="/www/server/redis-3.2.9/redis.conf"
PASS="Z6HDLrr38s3z"
case "$1" in
    start)
        if [ -f $PIDFILE ]
        then
            echo "$PIDFILE exists, process is already running or crashed"
        else
            echo "Starting Redis server..."
            $EXEC $CONF
        fi
        ;;
    stop)
        if [ ! -f $PIDFILE ]
        then
            echo "$PIDFILE does not exist, process is not running"
        else
            PID=$(cat $PIDFILE)
            echo "Stopping ..."
            $CLIEEXEC -a $PASS -p $REDISPORT shutdown
            while [ -x /proc/${PID} ]
            do
                echo "Waiting for Redis to shutdown . . ."
                sleep 1
            done
            echo "Redis stopped"
        fi
    ;;
esac
```

```
    fi
    ;;
*)
    echo "Please use start or stop as first argument"
    ;;
esac
```


以下参数需按实际情况修改

参数说明：

```
REDISPORT=6379 #端口，按照实际端口来
EXEC=/usr/local/redis/bin/redis-server #服务器启动，改成实际路径
CLIEEXEC=/usr/local/redis/bin/redis-cli #客户端启动，改成实际路径
PIDFILE=/var/run/redis_6379.pid #pid文件
CONF="/usr/local/redis/etc/redis.conf" #这个是redis的配置文件，改成实际路径
PASS="redis123" #redis密码
</font>
```

设置权限

```
chmod 755 /etc/init.d/redis
```

设置开机启动

```
cd /etc/init.d/
chkconfig redis on
```

- PHP Redis 扩展 Redis 扩展地址：<https://github.com/phpredis/phpredis/>

```
# 安装php-redis扩展
```

```
wget http://pecl.php.net/get/redis-3.1.2.tgz
tar xzf redis-3.1.2.tgz
cd redis-3.1.2/
phpize
```

```
# 这里的--with-php-config路径 根据自己实际情况而定
```

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

```
make && make install
```

```
# 出现以下信息 即为安装成功
```

```
Installing shared extensions:/usr/local/php/lib/php/extensions/no-debug-non-zts-20131226/
```

- 添加 extension=redis.so 到 php.ini 文件中

```
# php.ini文件结尾添加 extension=redis.so
```

```
sed -i '$a extension=redis.so' /usr/local/php/etc/php.ini
```

```
# 查看扩展是否安装完成
```

```
php -m|grep redis
```

```
# 如有输出即安装完成，重启php+nginx服务
```

配置Redis数据库

1. 进入后台 -> 系统 -> 功能设置 -> Redis 配置，填写配置信息。

The screenshot shows the 'Redis配置' (Redis Configuration) page under the '功能设置' (Function Settings) section of the system. The left sidebar includes links for '管理员' (Administrator), '基础设置' (Basic Settings), '客服管理' (Customer Service Management), '统计报表' (Statistical Reports), '功能设置' (Function Settings), '菜单管理' (Menu Management), 'Redis配置' (Redis Configuration), '清除缓存' (Clear Cache), '版本信息' (Version Information), '插件管理' (Plugin Management), and '日志管理' (Log Management). The main content area displays configuration fields: '服务器地址:' (Server Address: 127.0.0.1), '端口号:' (Port: 6379), and '认证密码:' (Authentication Password: empty). A status indicator shows '状态: 通信正常' (Status: Communication Normal). Below this, a '提示说明' (Tip) section lists four points about Redis installation and configuration. At the bottom, there is a '后台操作保护' (Backend Operation Protection) section with a password input field and a '保存' (Save) button.

2. 配置填写保存后，需清除下缓存，位置：管理后台 -> 系统 -> 功能设置 -> 清除缓存。或者直接删除 app/Runtime 下的缓存文件。

注意：如果 PHP-Redis 扩展没有安装会有如下提示，请重新检查 PHP-Redis 扩展是否正确安装。

The screenshot shows the same Redis Configuration page as above, but with a prominent blue warning banner at the top stating: '重要提醒：当前Redis配置未完全生效, 请在此页面点击保存完善设置' (Important Reminder: Current Redis configuration is not fully effective, please click 'Save' on this page to complete the configuration). Below the banner, the Redis status table shows '检测Redis扩展' (Check Redis Extension) with a red '未安装' (Not Installed) status. The '提示说明' (Tip) section is identical to the previous screenshot.