

009. 安装Redis

APT方式安装

```
# 查询对应版本号
$ sudo apt list redis
Listing... Done
redis/jammy 5:6.0.16-1ubuntu1 all

$ sudo apt install redis
```

源码方式安装

更灵活, 可以选择版本

[版本查询](#)

1. 环境准备

```
$ sudo apt install tcl
```

2. 下载

```
$ REDIS_VERSION=7.0.12
$ wget http://download.redis.io/releases/redis-$REDIS_VERSION.tar.gz
$ tar -xf redis-$REDIS_VERSION.tar.gz && cd redis-$REDIS_VERSION
```

3. 编译安装

```
$ make -j $(nproc)
$ make test # 测试依赖项, 很慢
$ sudo make install PREFIX=/usr/local/redis/
$ ll /usr/local/redis/bin/
```

4. 配置

```
$ sudo mkdir -pv /etc/redis
$ sudo cp redis.conf /etc/redis/
$ sudo vim /etc/redis/redis.conf
```

```
bind 127.0.0.1
daemonize yes
supervised systemd
requirepass 92J8r*^61S
```

```
# 放在最下面
rename-command FLUSHDB ""
rename-command FLUSHALL ""
rename-command DEBUG ""
rename-command SHUTDOWN SHUTDOWN_MENOT
rename-command CONFIG ASC12_CONFIG
```

5. 创建用户并配置权限

```
# 创建账户
$ sudo groupadd redis
$ sudo useradd -g redis redis -s /bin/false
# 配置权限
$ sudo chown -R redis:redis /etc/redis/ /usr/local/redis/
```

6. 服务配置

```
$ sudo sh -c 'cat > /usr/lib/systemd/system/redis.service << EOF
```

```
[Unit]
```

```
Description=redis-server
```

```
After=network.target
```

```
[Service]
```

```
User=redis
```

```
Group=redis
```

```
Type=forking
```

```
ExecStart=/usr/local/redis/bin/redis-server /etc/redis/redis.conf
```

```
PrivateTmp=true
```

```
[Install]
```

```
WantedBy=multi-user.target
```

```
EOF
```

```
'
```

```
# 服务配置
```

```
$ sudo systemctl daemon-reload
```

```
$ sudo systemctl start redis
```

```
$ sudo systemctl enable redis
```

7. 环境变量

```
$ sudo vim /etc/profile
```

```
# SET FOR Redis
```

```
export PATH=$PATH:/usr/local/redis/bin
```

```
$ source /etc/profile
```