

节点搭建 Near

搭建

```
1 # 浏览器 https://explorer.near.org
2 # 文档 https://docs.near.org/docs/develop/node/archival/run-archival-node-with-out-nearup
3
4
5 # 这里去除了docker.io的安装 docker可以看官方的安装方法 安装的软件名称不一样 以前安装过的这里冲突提示安装不了
6 apt-get install -y git binutils-dev libcurl4-openssl-dev zlib1g-dev libdw-dev libiberty-dev cmake gcc g++ python protobuf-compiler libssl-dev pkg-config clang llvm
7 # 编译安装 neard 进入github tag选取版本
8 # 常看latest指向tag https://github.com/near/nearcore/releases/latest
9 git clone https://github.com/near/nearcore
10 cd nearcore
11 git fetch origin --tags
12 # git checkout tags/1.23.1-rc.1
13 git checkout tags/1.23.1
14 make neard
15 cp target/release/neard /usr/local/bin/
16 # 初始化 并下载最新 config.json
17 neard --home ~/.near/mainnet- init --chain-id mainnet --download-config --download-genesis
18 rm ~/.near/mainnet/config.json
19 wget https://s3-us-west-1.amazonaws.com/build.nearprotocol.com/nearcore-deploy/mainnet/config.json -P ~/.near/mainnet/
20
21 # 设置存档节点参数 看自身需求 验证节点或普通节点不用修改配置文件
22 vim ~/.near/mainnet/config.json
23 "archive": true,
24 "tracked_shards": [0],
25
26 # 运行
27 neard --home ~/.near/mainnet run --archive
28
29 ##### 快照文件
30 # 正常模式节点
```

```
31 wget https://near-protocol-public.s3.ca-central-1.amazonaws.com/backups/mainnet/rpc/data.tar
32
33 # 存档节点
34 wget https://near-protocol-public.s3.ca-central-1.amazonaws.com/backups/mainnet/archive/data.tar
35 mkdir neardata
36 mv data.tar neardata/
37 cd neardata
38 tar -xf ~/.near/data.tar
```

安装docker

```
1 apt-get install -y apt-transport-https ca-certificates curl software-properties
  -common gnupg lsb-release gnupg-agent
2
3 curl -fsSL https://download.docker.com/linux/ubuntu/gpg | gpg --dearmor -o /usr/share/keyrings/docker-archive-keyring.gpg
4 echo "deb [arch=amd64 signed-by=/usr/share/keyrings/docker-archive-keyring.gpg]
  https://download.docker.com/linux/ubuntu $(lsb_release -cs) stable" | sudo tee
  /etc/apt/sources.list.d/docker.list > /dev/null
5 # 安装最新版本
6 apt-get update && \
7 apt-get install -y docker-ce docker-ce-cli containerd.io
8 # 选择特定版本安装
9 apt-cache madison docker-ce
10 apt-get install docker-ce=5:19.03.15~3-0~ubuntu-focal docker-ce-cli=5:19.03.15~
  3-0~ubuntu-focal containerd.i
```