

简介

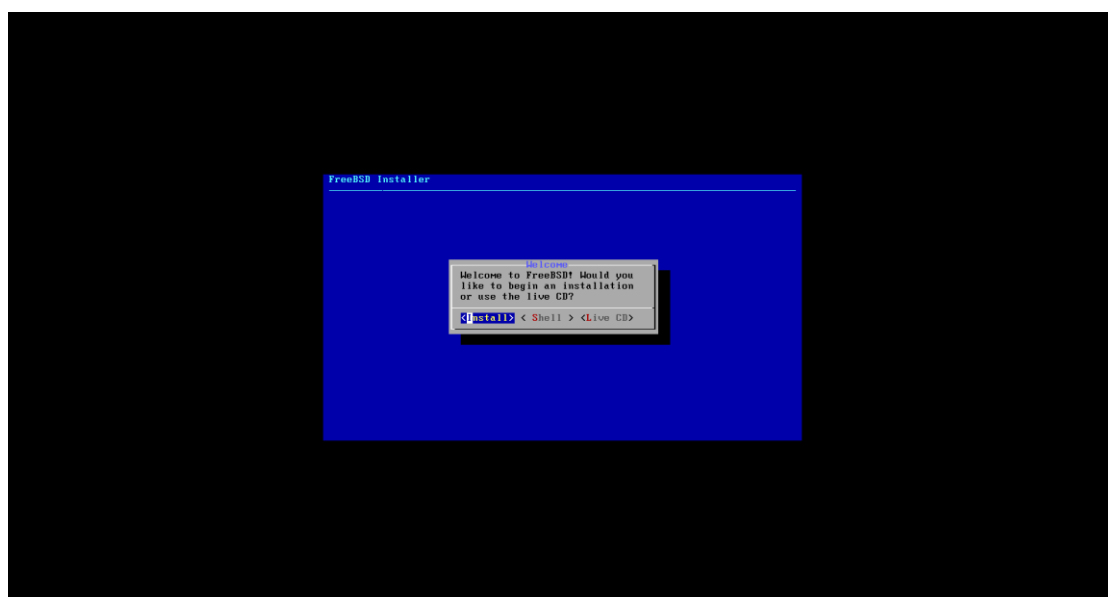
此教程为当直接使用派网的缓存镜像无法正常安装的情况下，可以尝试先安装 Freebsd12.2 然后再安装缓存。

一、安装 FreeBSD 完整版

1、通过启动盘进入安装界面

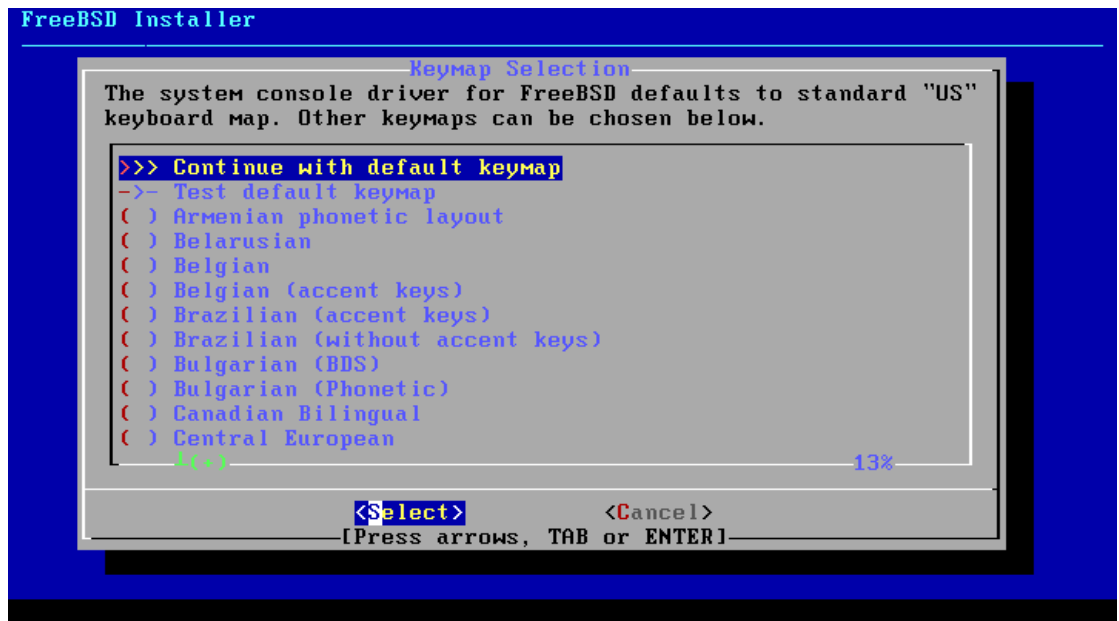
选择“Install ”

注：这里省去了制作启动盘的过程

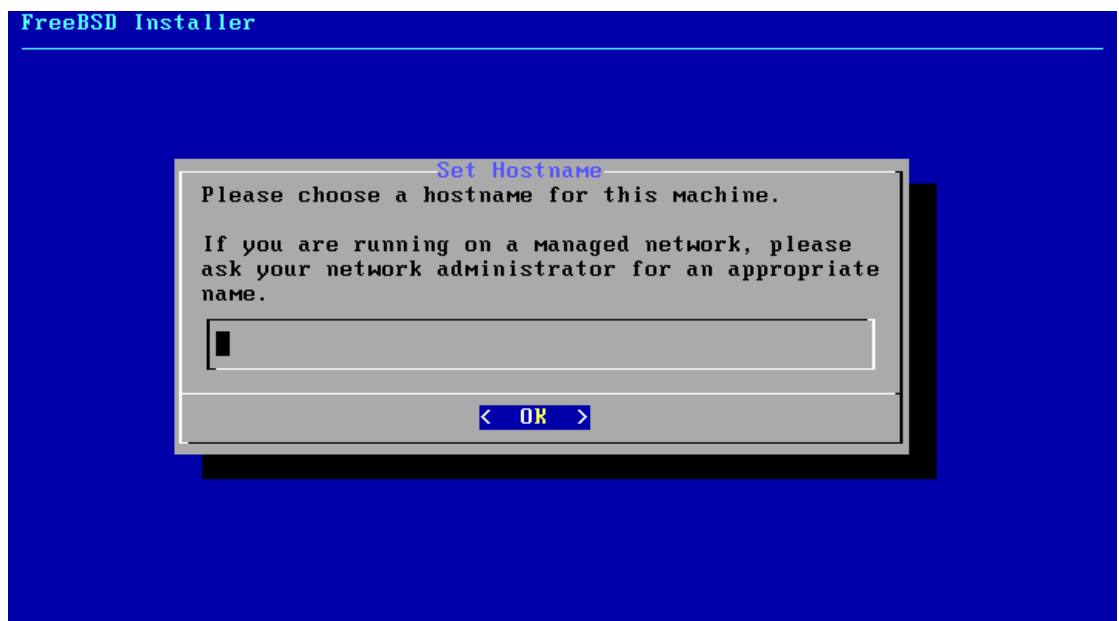


2、选择 keyboard

这里默认配置，直接回车即可

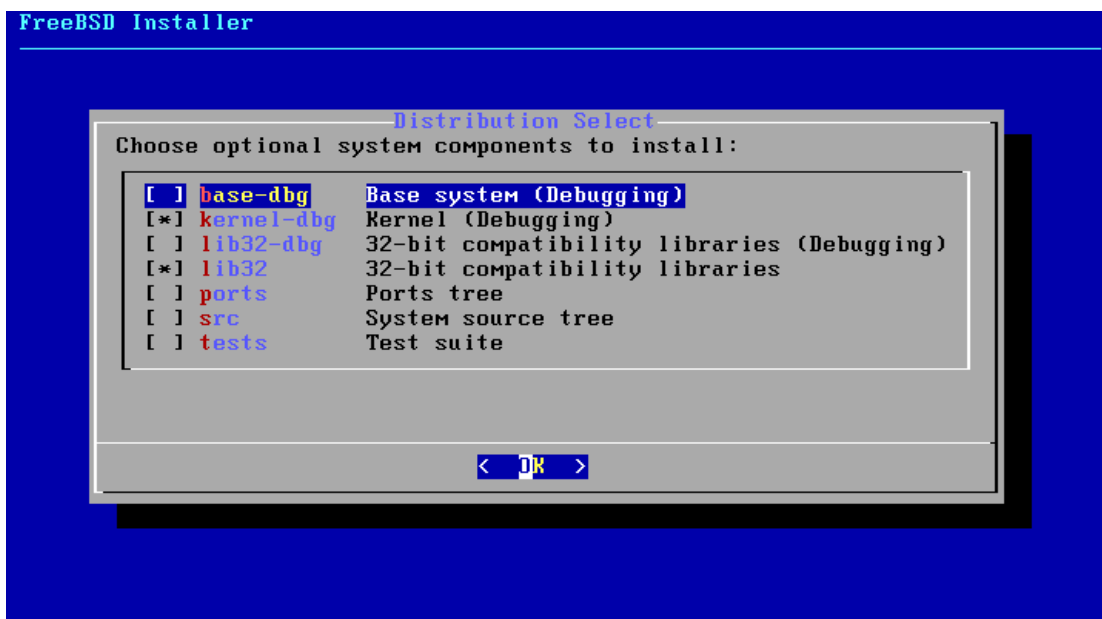


3、配置主机名称



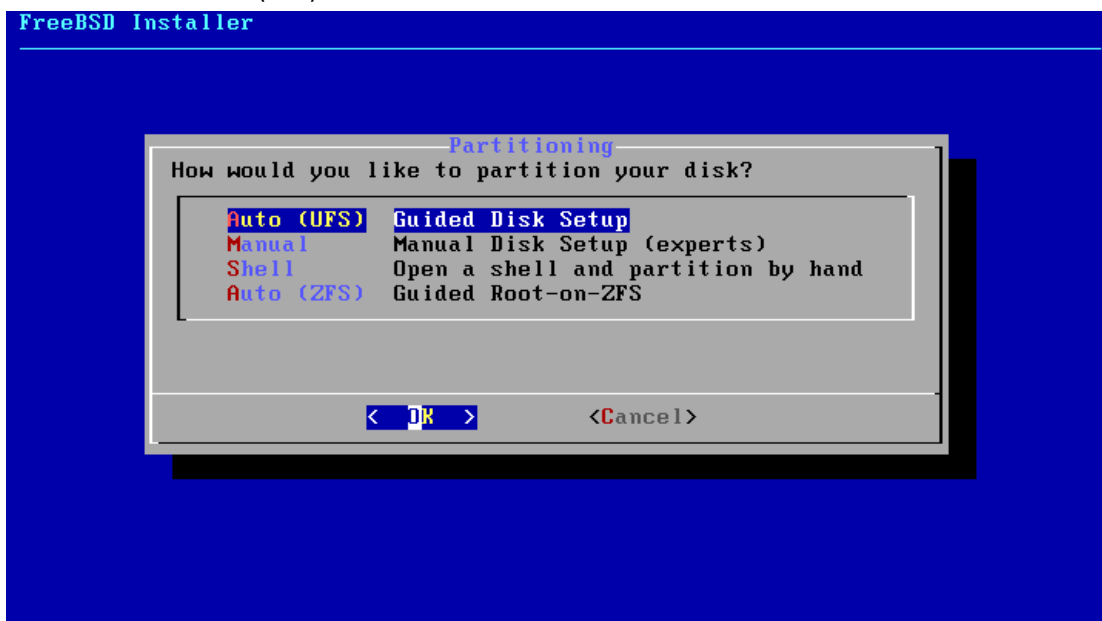
4、选择安装套件

这里默认的基本够用，直接回车即可。



5、设置分区

选择分区方式，Auto(UFS)，后续默认配置即可。



FreeBSD Installer

Partition

Would you like to use this entire disk (da0) for FreeBSD or partition it to share it with other operating systems? Using the entire disk will erase any data currently stored there.

< **E**ntire Disk > < P artition >

FreeBSD Installer

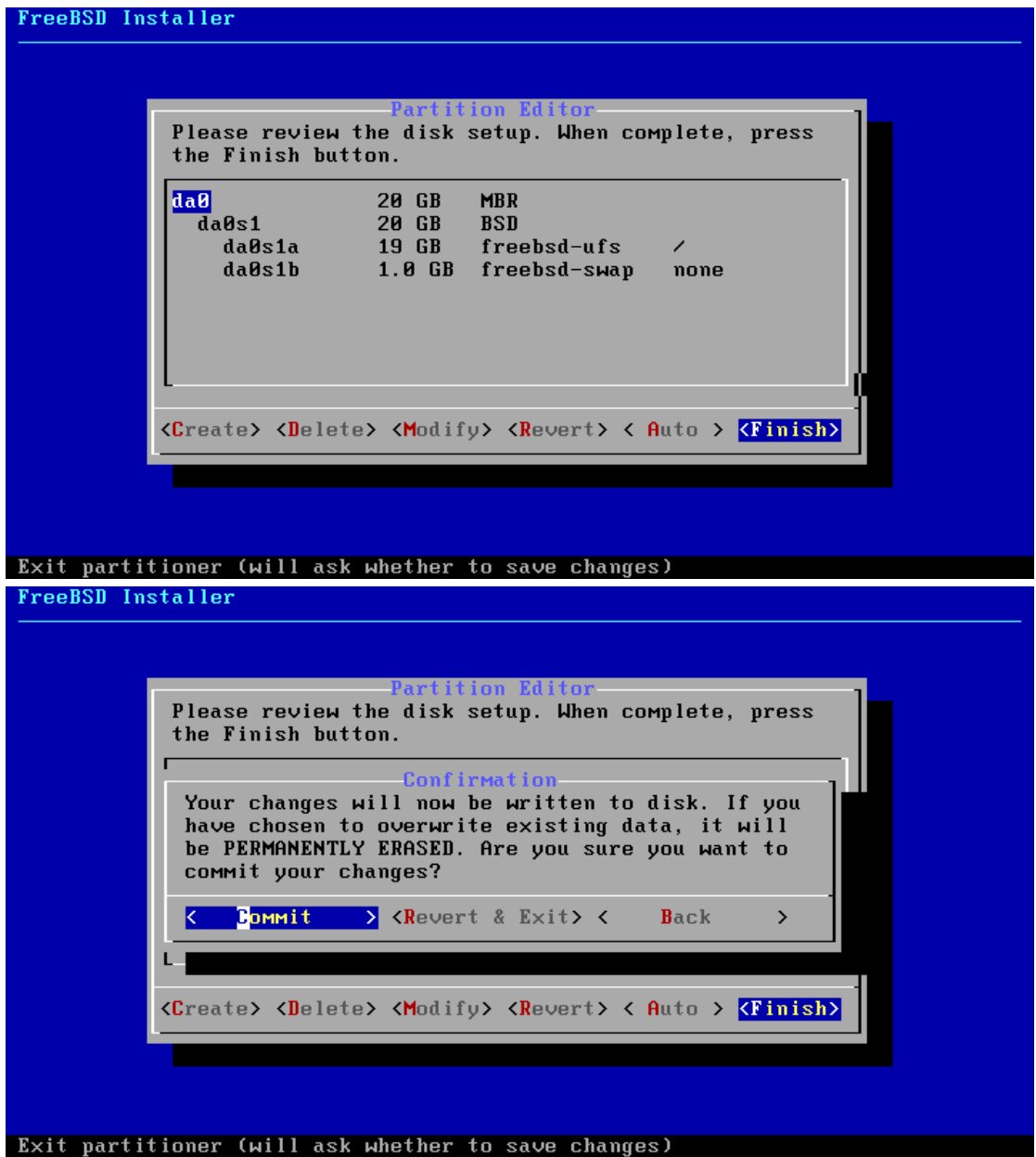
Partition Scheme

Select a partition scheme for this volume:

A PM	Apple Partition Map
B SD	BSD Labels
G PT	GUID Partition Table
M BR	DOS Partitions
U TOC8	Sun UTOC8 Partition Table

< **O**K > < C ancel >

Bootable on most x86 systems

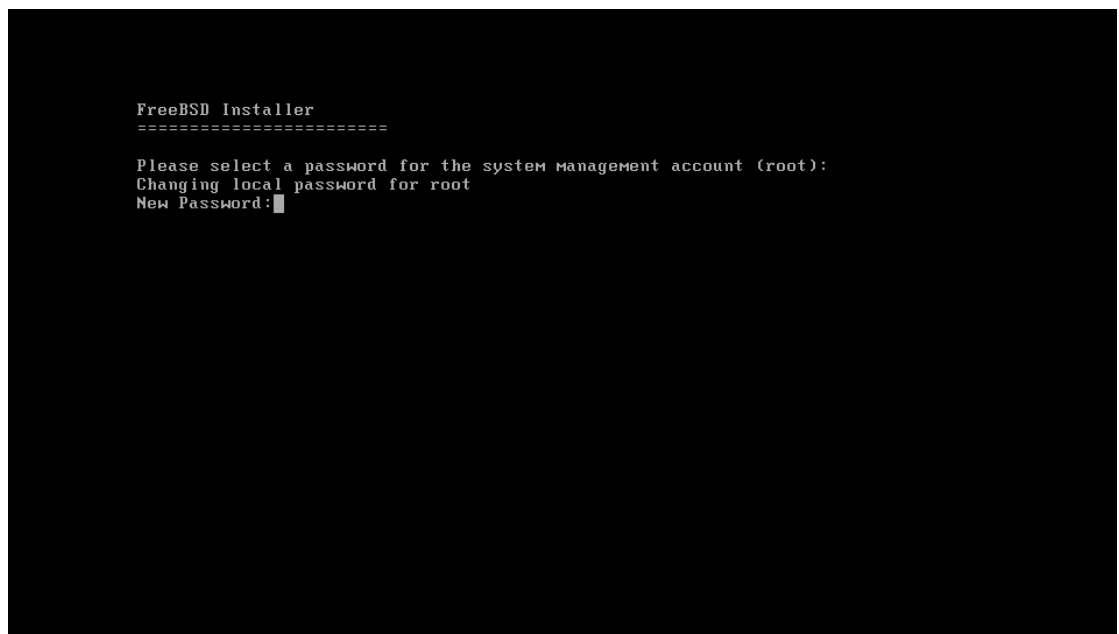


等待安装完成



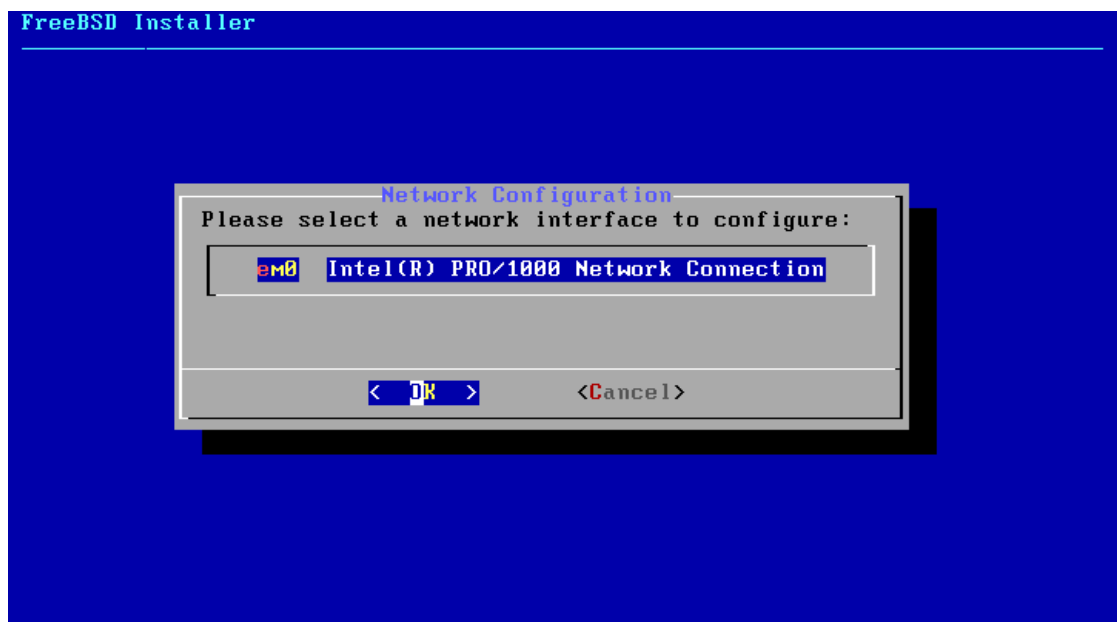
6、设置密码

设置 root 密码，重复两遍



7、设置网络

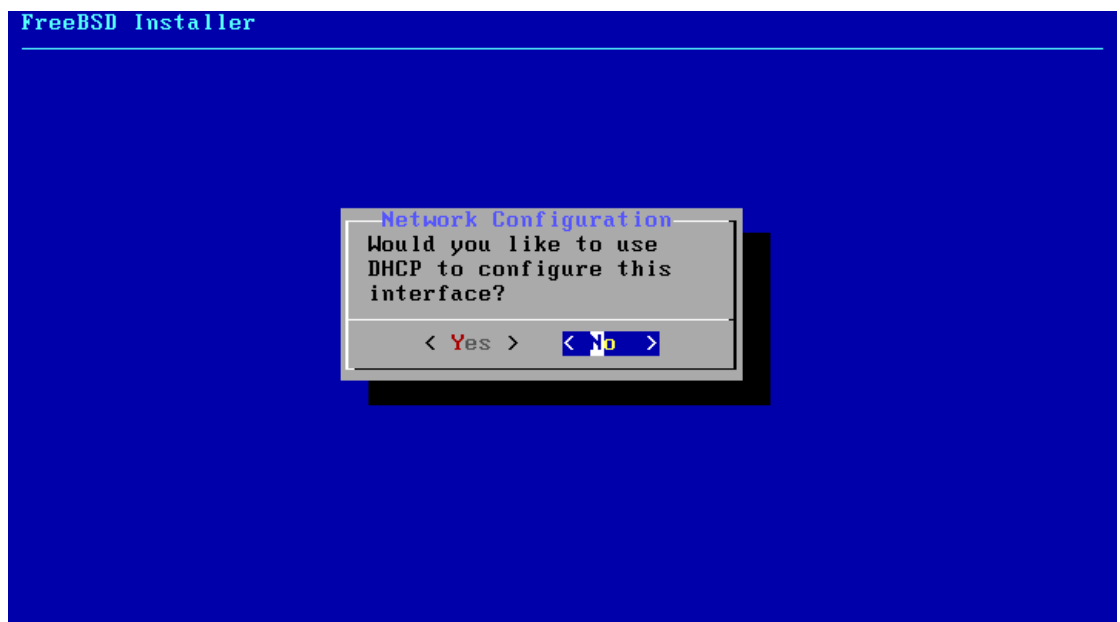
选择网卡



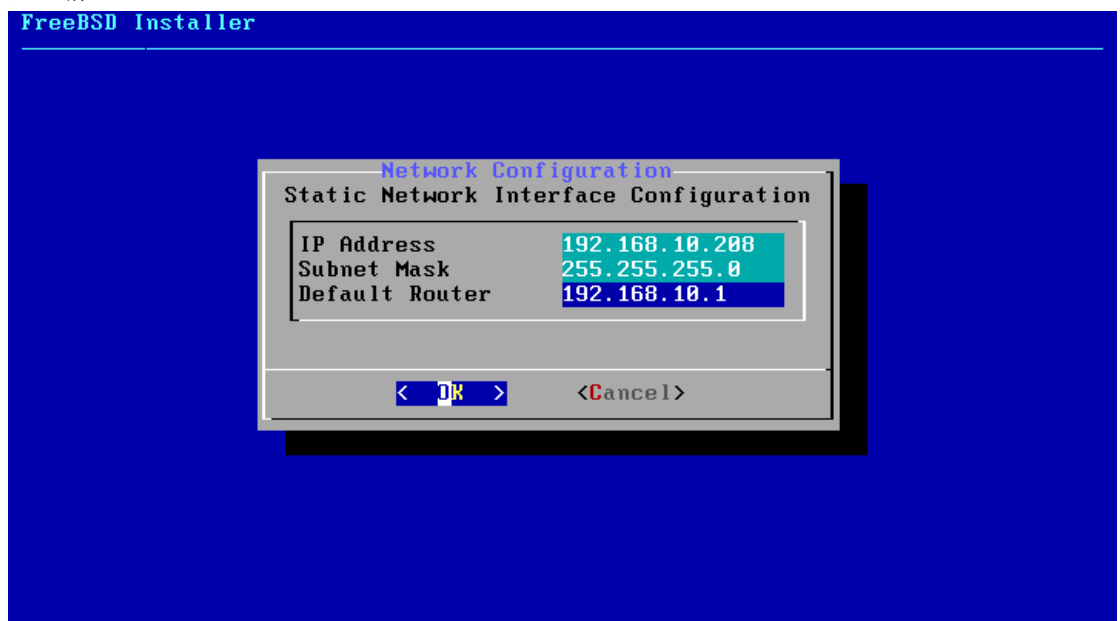
配置 IPV4 地址



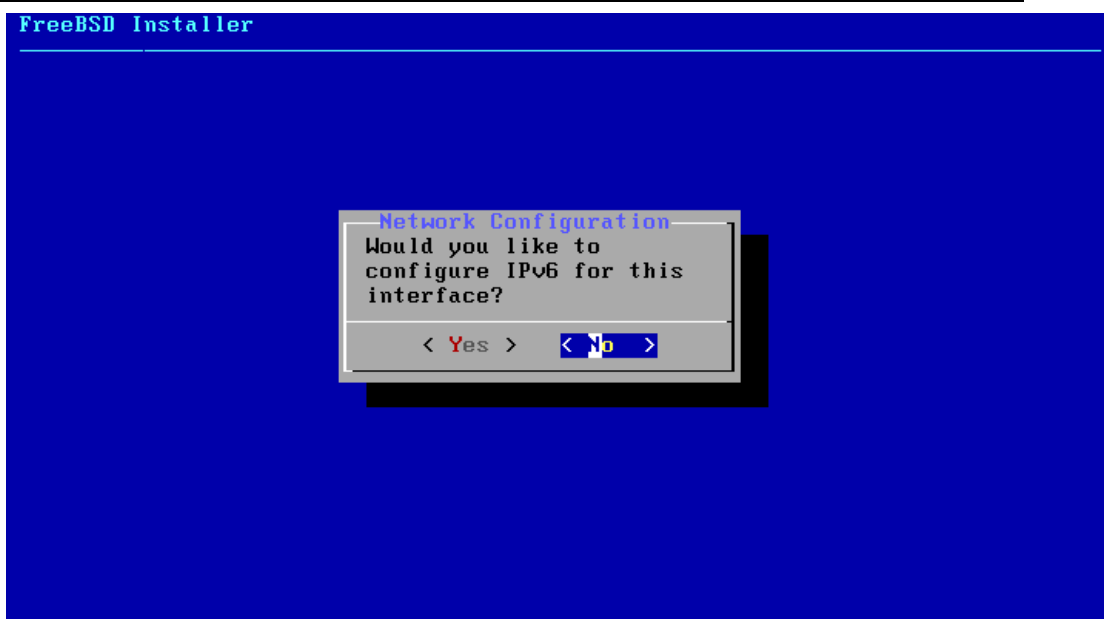
是否使用 DHCP 配置地址，选择 NO



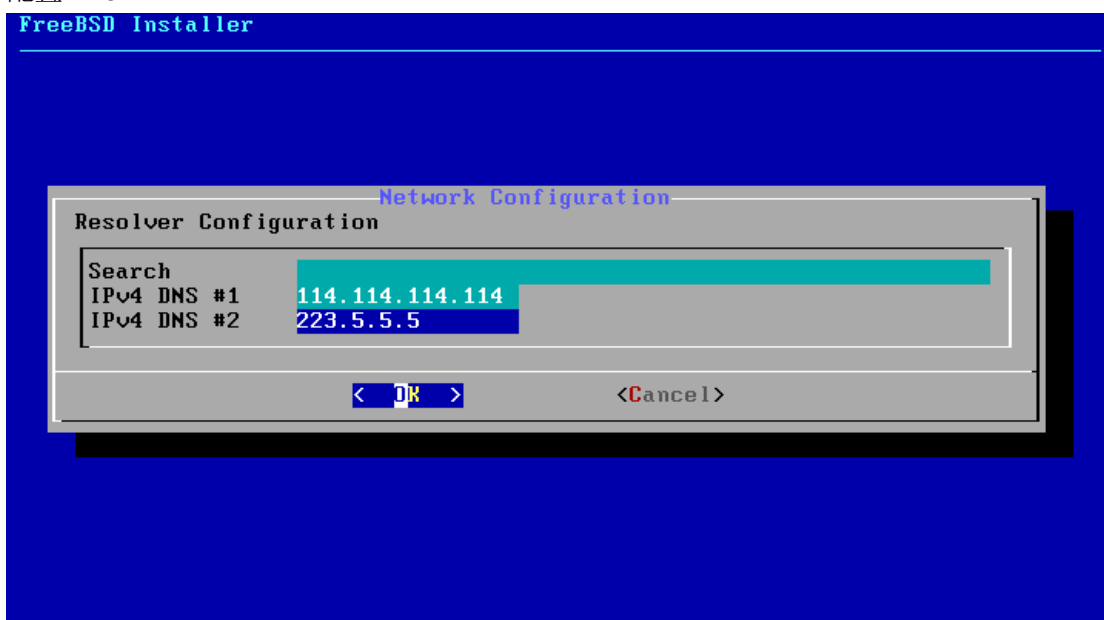
配置静态 IPV4 地址



配置 IPV6, 选择 NO



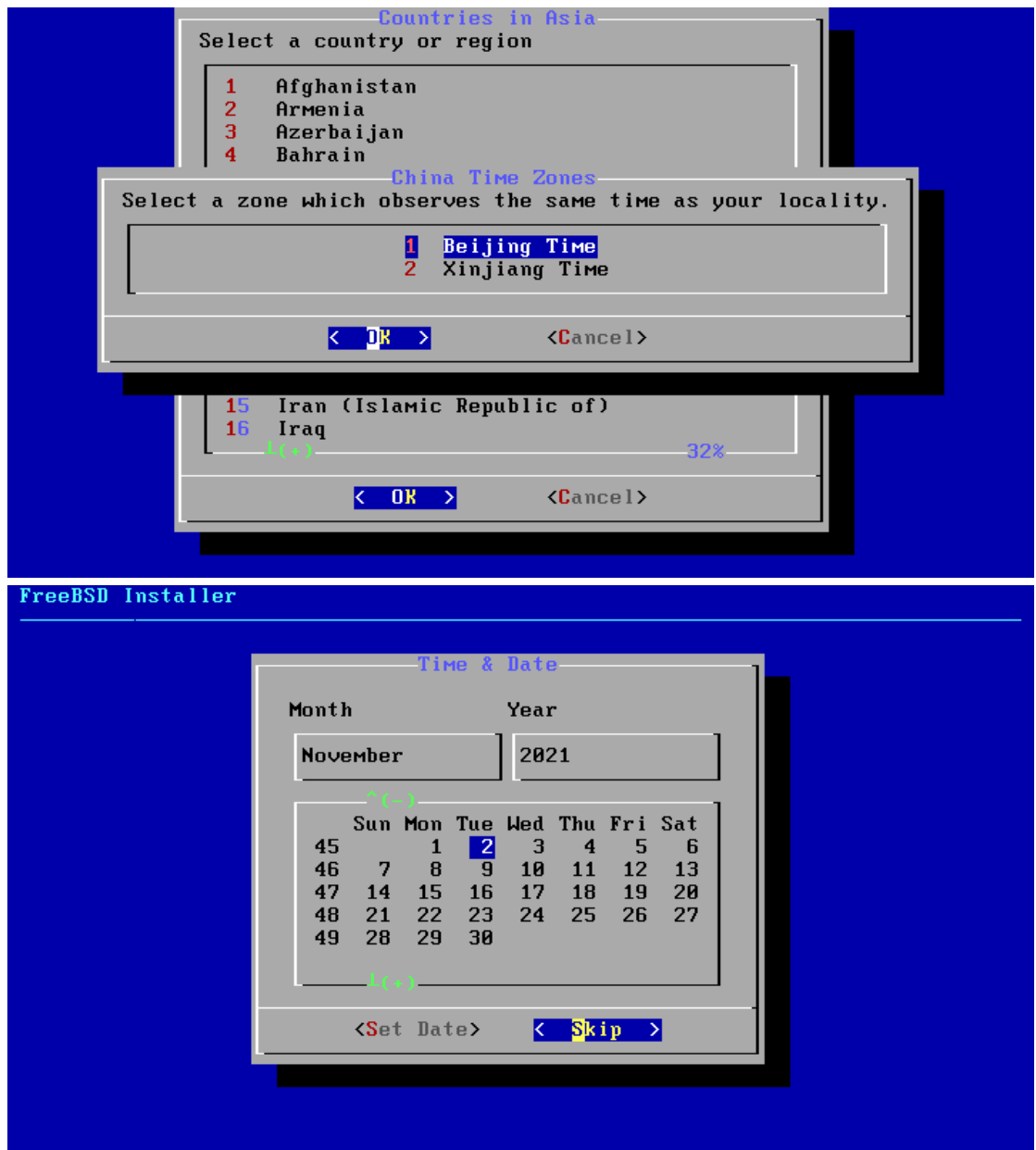
配置 DNS



8、设置时区

选择 “Asia” “China” “Beijing”





9、选择服务

默认服务基本满足要求，回车即可。

FreeBSD Installer

System Configuration

Choose the services you would like to be started at boot:

- | | |
|--|---|
| <input type="checkbox"/> local_unbound | Local caching validating resolver |
| <input checked="" type="checkbox"/> sshd | Secure shell daemon |
| <input type="checkbox"/> moused | PS/2 mouse pointer on console |
| <input type="checkbox"/> ntptime | Synchronize system and network time at boottime |
| <input type="checkbox"/> ntpd | Synchronize system and network time |
| <input type="checkbox"/> powerd | Adjust CPU frequency dynamically if supported |
| <input checked="" type="checkbox"/> dumpdev | Enable kernel crash dumps to /var/crash |

< **OK** >

FreeBSD Installer

System Hardening

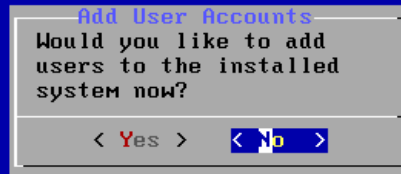
Choose system security hardening options:

- | | |
|--|--|
| <input type="checkbox"/> 0 hide_uids | Hide processes running as other users |
| <input type="checkbox"/> 1 hide_gids | Hide processes running as other groups |
| <input type="checkbox"/> 2 hide_jail | Hide processes running in jails |
| <input type="checkbox"/> 3 read_msgbuf | Disable reading kernel message buffer for unprivil |
| <input type="checkbox"/> 4 proc_debug | Disable process debugging facilities for unprivile |
| <input type="checkbox"/> 5 random_pid | Randomize the PID of newly created processes |
| <input type="checkbox"/> 6 clear_tmp | Clean the /tmp filesystem on system startup |
| <input type="checkbox"/> 7 disable_syslogd | Disable opening Syslogd network socket (disables r |
| <input type="checkbox"/> 8 disable_sendmail | Disable Sendmail service |
| <input type="checkbox"/> 9 secure_console | Enable console password prompt |
| <input type="checkbox"/> 10 disable_ddtrace | Disallow DTrace destructive-mode |

< **OK** >

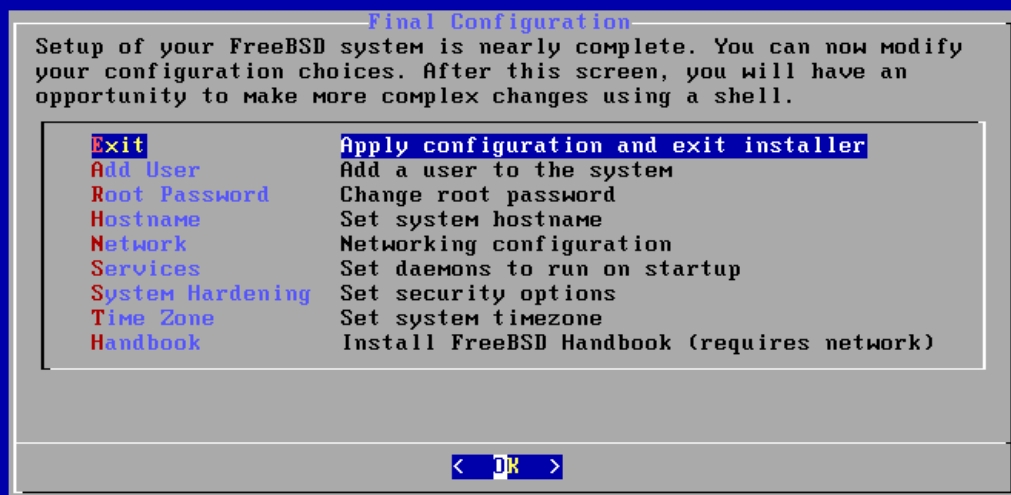
添加用户选择 NO

FreeBSD Installer



应用配置并退出安装

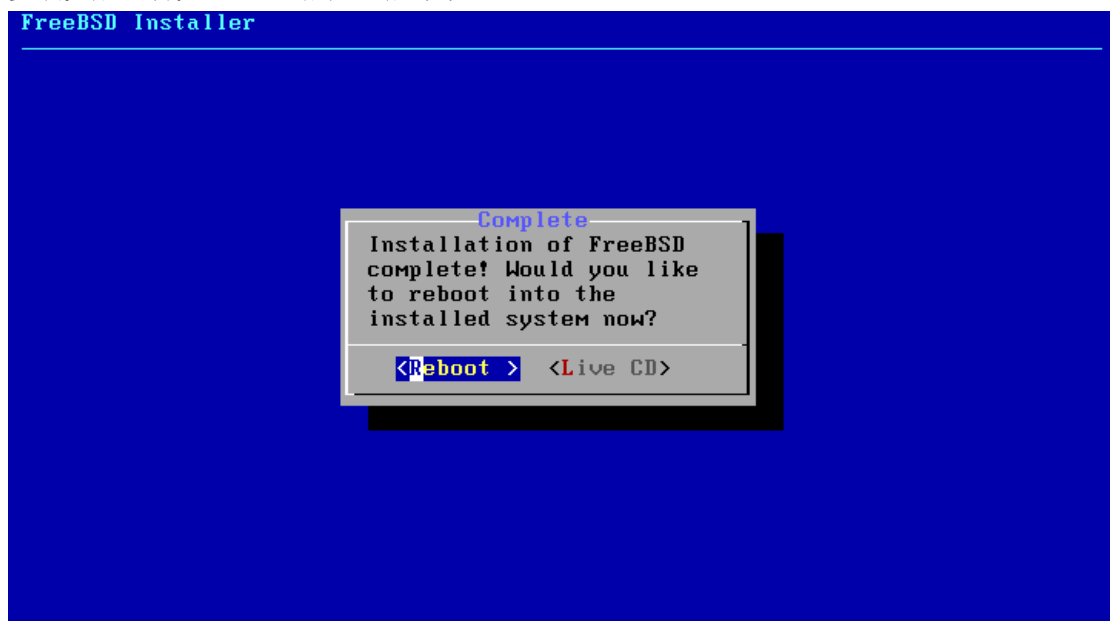
FreeBSD Installer



shell 调试，选择 NO



安装完成，首先 Live CD 然后重启系统



二、开启 ssh

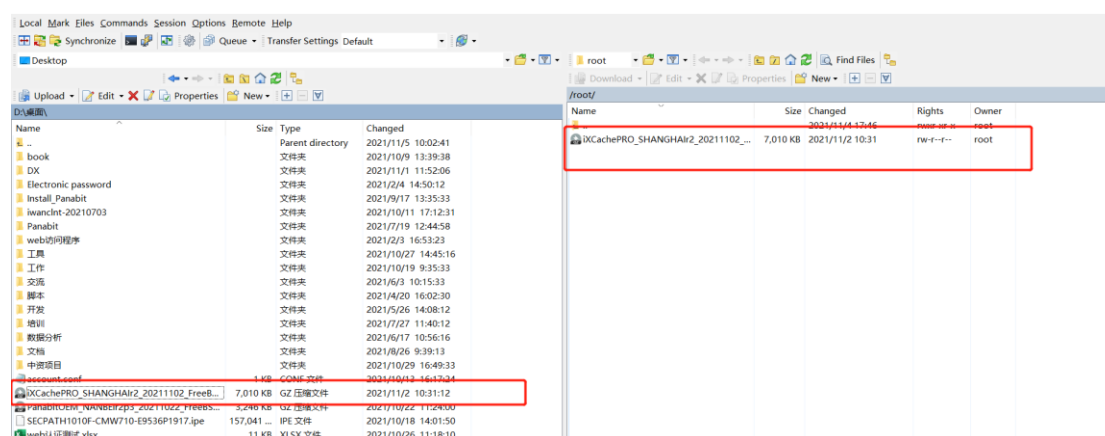
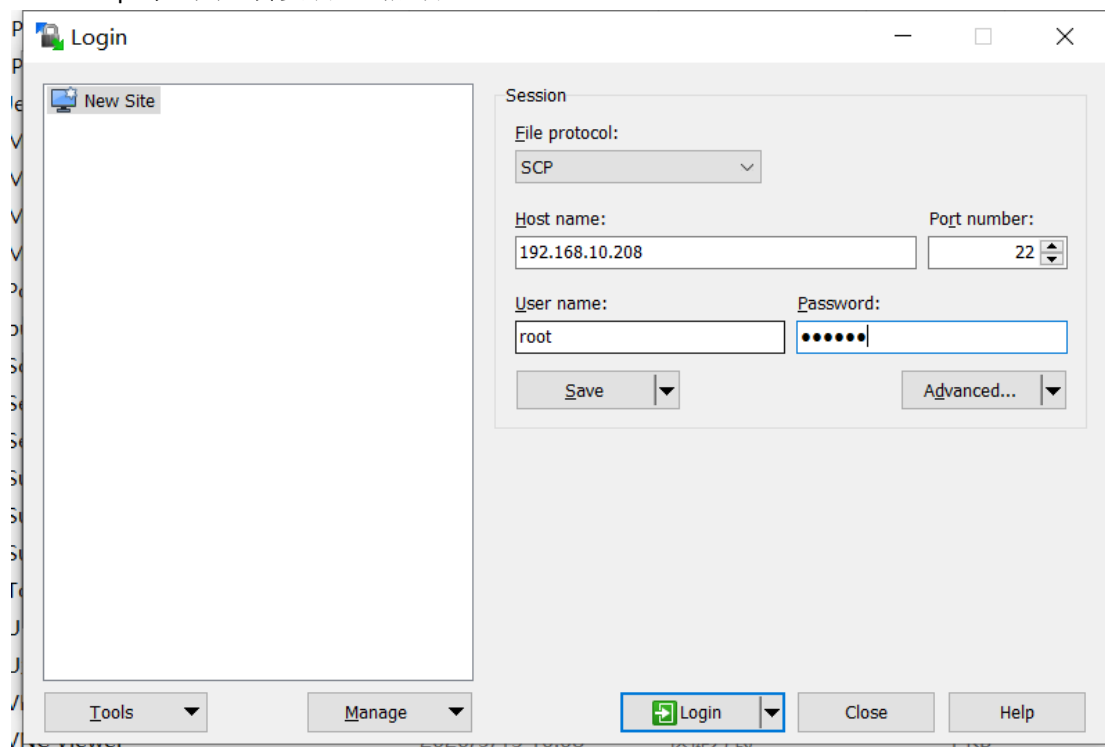
- 1、使用 root 登陆系统
- 2、使用 ee 编辑器编辑/etc/inetd.conf，去掉 ssh 前的#，按 ctrl+c，再输入 exit 保存退出
- 3、编辑/etc/rc.conf，添加一行 sshd_enable="YES"
- 4、编辑/etc/ssh/sshd_config，将
#PermitRootLogin no 改为 PermitRootLogin yes //允许 root 登陆
#PasswordAuthentication no 改为 PasswordAuthentication yes //使用系统 PAM 认证
#PermitEmptyPasswords no 改为 PermitEmptyPasswords no //不允许空密码
开启命令： /etc/rc.d/sshd start

关闭命令: `/etc/rc.d/sshd stop`

三、安装 ixcache

1、上传安装包到后台

通过 wscp 等工具上传安装包到后台



2、将升级包解压到/root/目录下

```
tar -xzf ixCachePRO_SHANGHAIr2_20211102_FreeBSD11.1_dev.tar.gz -C /root/
```

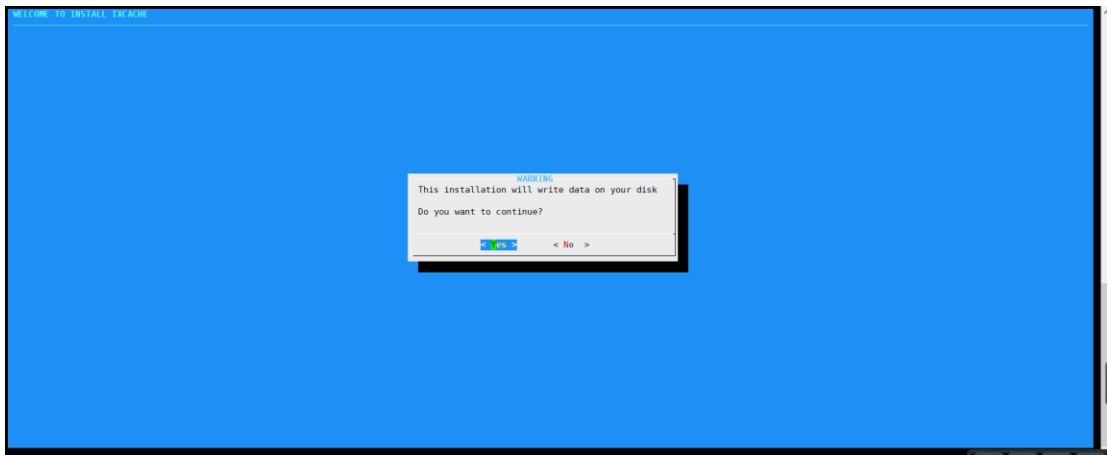
```
root@ixcache:~ # tar -xzf iXCachePRO_SHANGHAIr2_20211102_FreeBSD11.1_dev.tar.gz -C /root/
```

3、 进入到解压的文件夹中，执行安装脚本

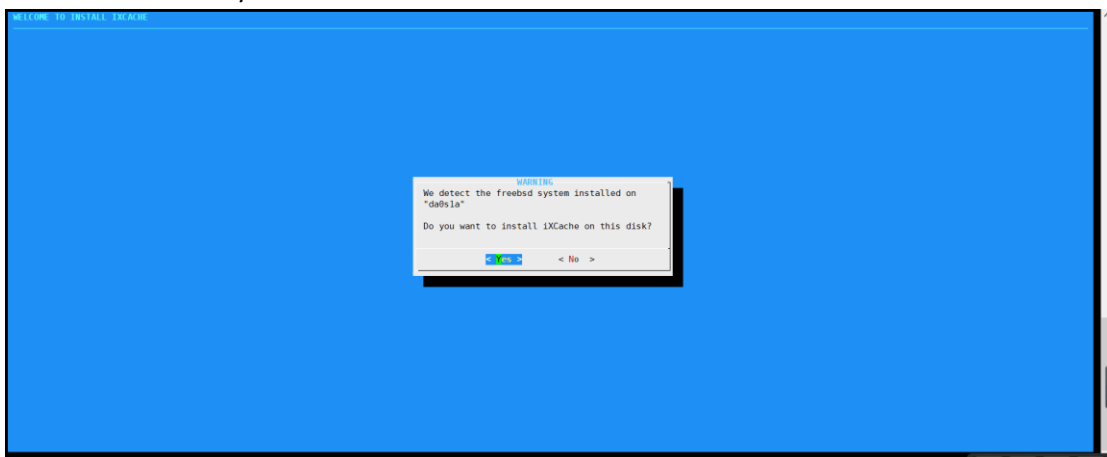
```
root@ixcache:~ # cd iXCachePRO_SHANGHAIr2_20211102_FreeBSD11.1_dev
root@ixcache:~/iXCachePRO_SHANGHAIr2_20211102_FreeBSD11.1_dev # ls
admin          etc            kernel
bin            ixinstall_oninstalled_freebsd.sh  perl
root@ixcache:~/iXCachePRO_SHANGHAIr2_20211102_FreeBSD11.1_dev # ./ixinstall_oninstalled_freebsd.sh
```

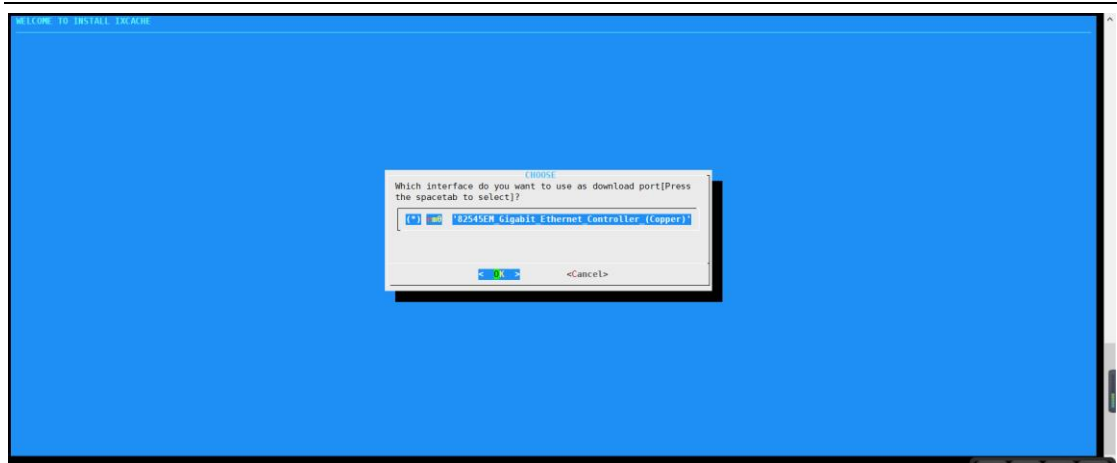
4、 开始安装

选择 yes

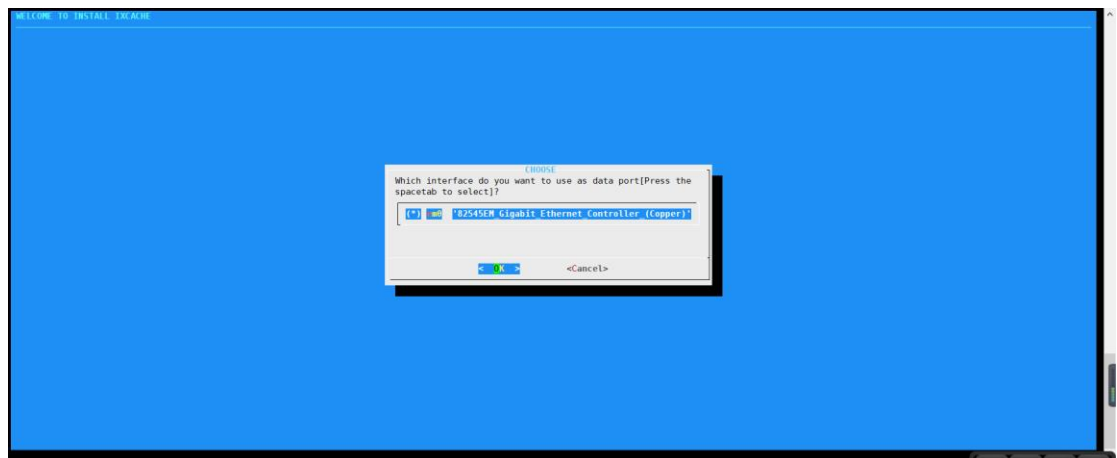


选择系统盘，然后 yes

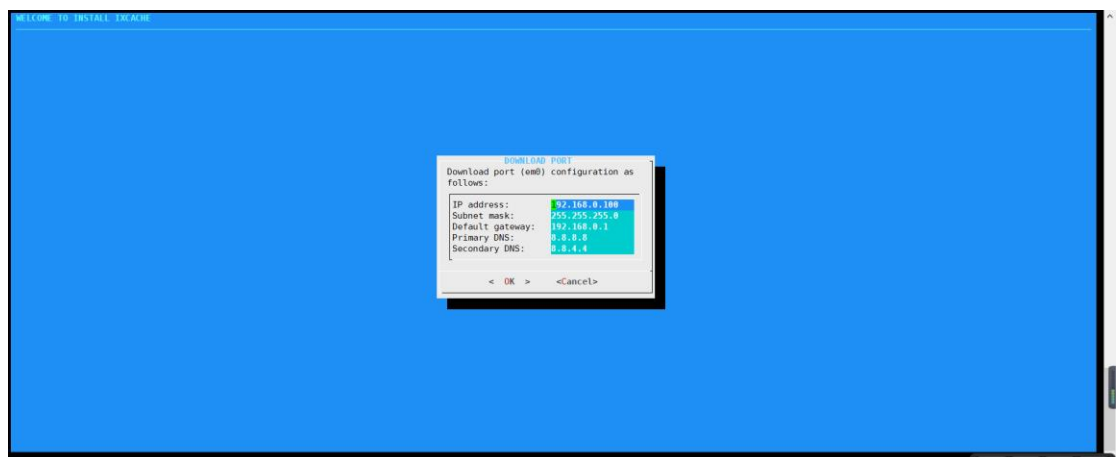




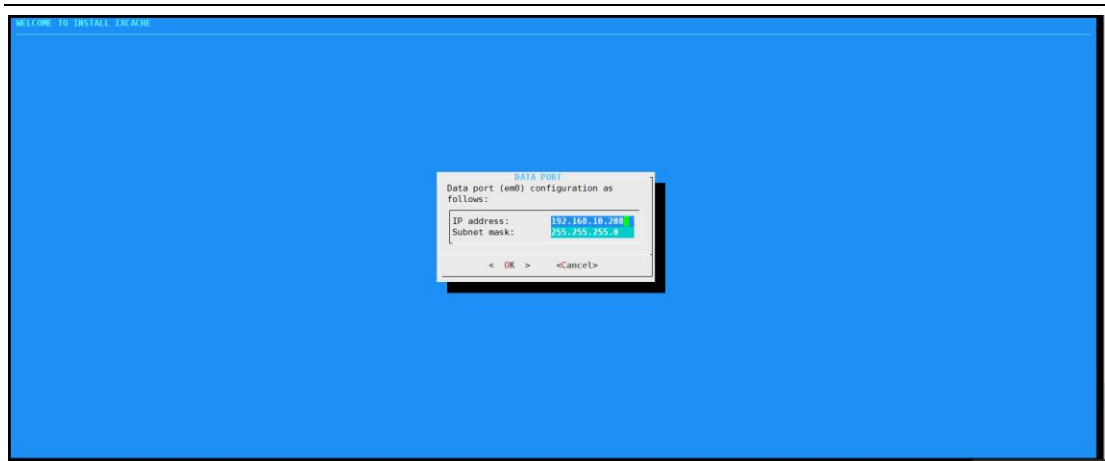
选择数据口，用空格选中，回车



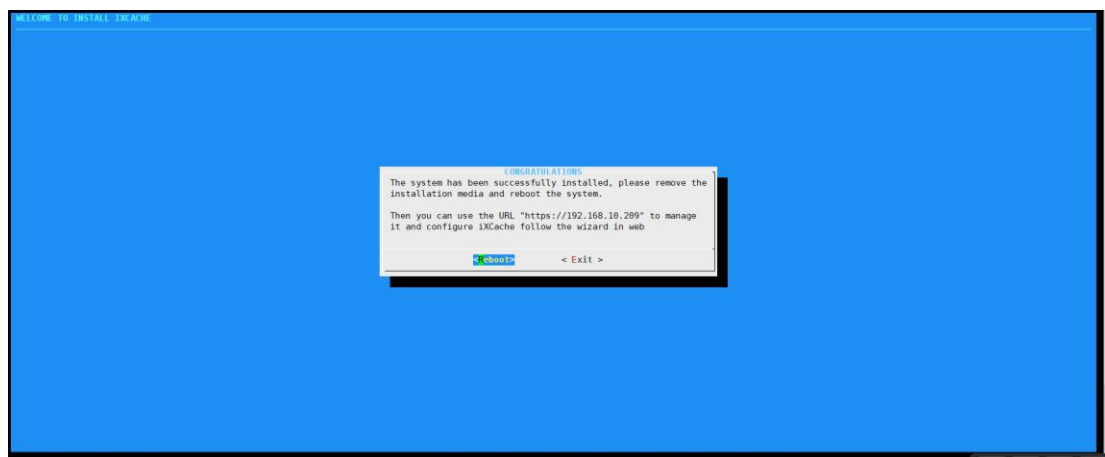
设置下载口地址、掩码、网关及 DNS



配置数据口地址



安装完成，选择 REBOOT

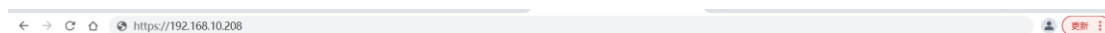


5、 重启完成，打开浏览器访问界面

地址为之前设置数据口和下载口，路由可达情况下均可访问

访问格式：<https://IP>

至此安装完成。



附录

北京派网软件有限公司

1、缓存安装包下载

链接: <https://pan.baidu.com/s/1ho1jrJNiD1PVVwIK61tjeQ>

提取码: n4i8

2、iXCache 牵引模式部署

<https://bbs.panabit.com/forum.php?mod=viewthread&tid=10878&fromuid=227530>

(出处: Panabit Support Board!)

3、iXCache 镜像模式部署

<https://bbs.panabit.com/forum.php?mod=viewthread&tid=11743&fromuid=227530>

(出处: Panabit Support Board!)

4、iXCache 集群模式部署

<https://bbs.panabit.com/forum.php?mod=viewthread&tid=12469&fromuid=227530>

(出处: Panabit Support Board!)

5、多台 Panabit 与 iXCache 牵引部署方案(适用于小区宽带和网吧)

上

<https://bbs.panabit.com/forum.php?mod=viewthread&tid=13357&fromuid=227530>

(出处: Panabit Support Board!)

6、Freebsd12.2 下载地址

<http://ftp-archive.freebsd.org/pub/FreeBSD-Archive/old-releases/ISO-IMAGES/12.2/>

<https://download.freebsd.org/ftp/releases/amd64/amd64/ISO-IMAGES/12.2/>