1. Vulture : Installation de FreeBSD

1.1. Prerequis

Vulture s'installer sur une **distribution FreeBSD** avec les caractérisques suivantes :

- CPU 64bit
- 2GB de RAM
- 50Go d'espace disque.

Le disque doit être **partitionné** de la manière suivante :

- swap : (2Go)
- / : 5Go
- /home : 1Go
- /var : en fonction de l'impotance des logs

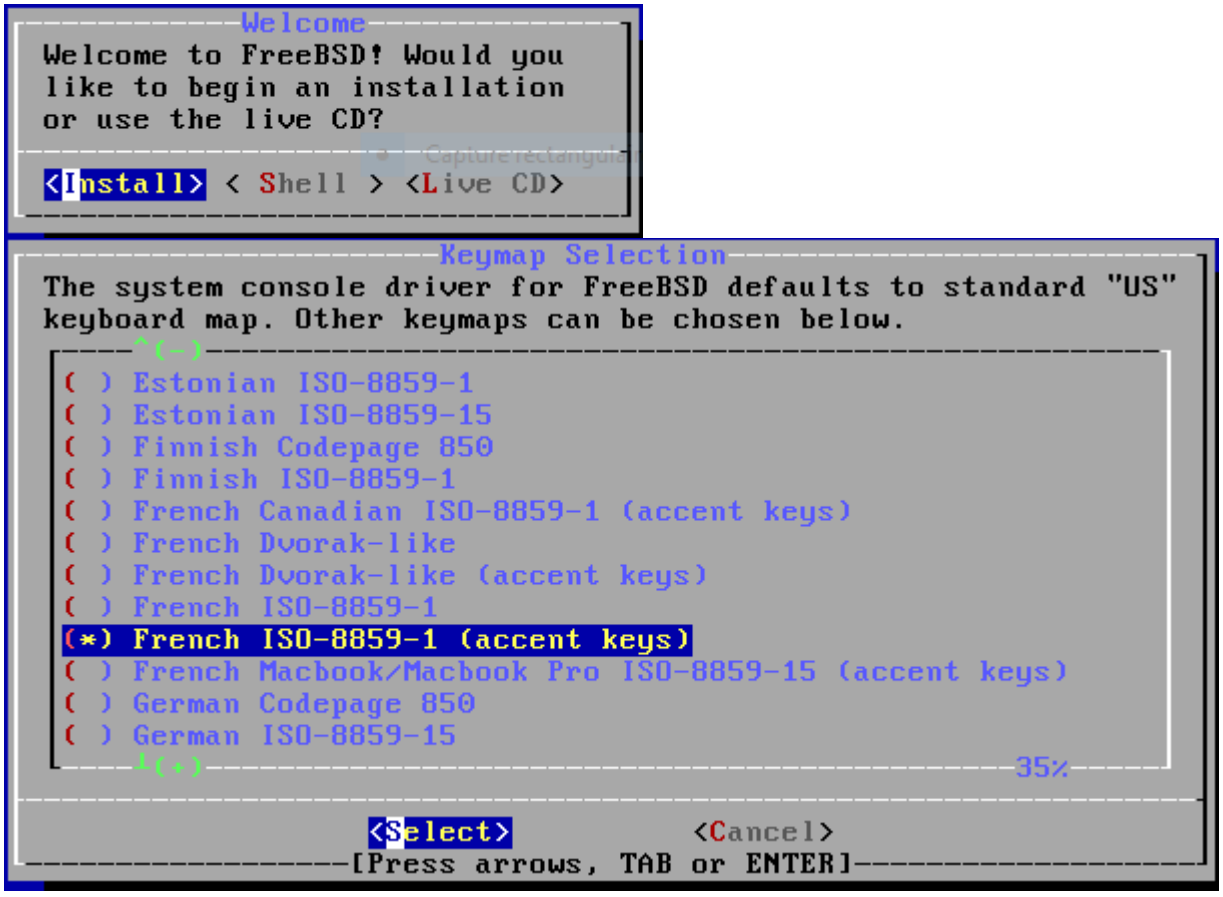
Durant le processus d'installation, Vulture a besoin de contacter le site **dl.vultureproject.org** sur le port TCP 443.

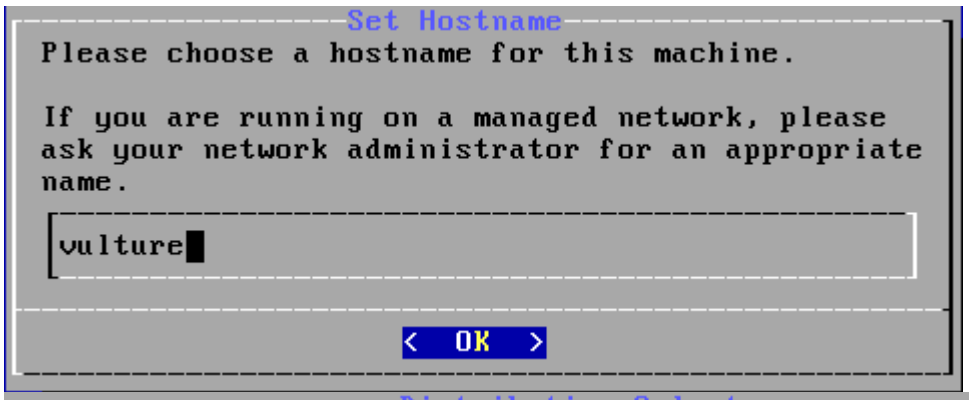
1.2. Installation de FreeBSD

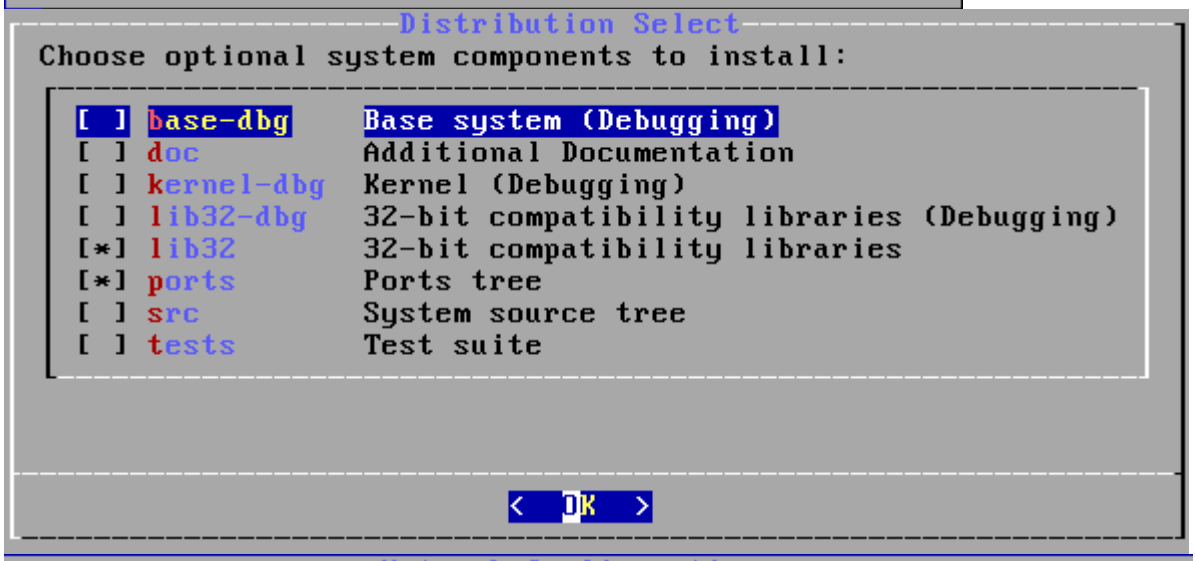
Lien : https://www.freebsd.org/doc/fr/books/handbook/install.html

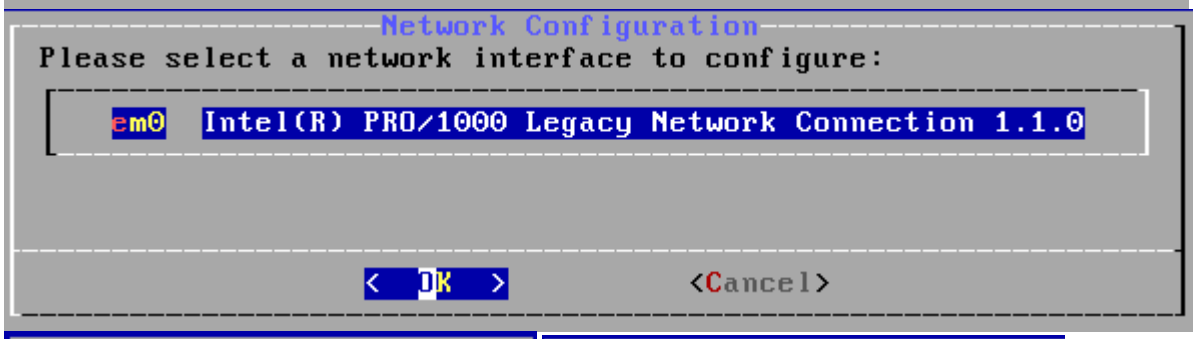
- Création d'une VM

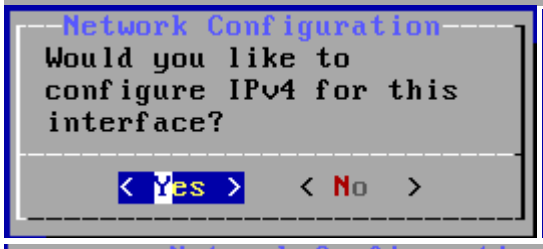
Partition du disque https://www.freebsd.org/doc/en_US.ISO8859-1/books/handbook/bsdinstall-partitioning.html

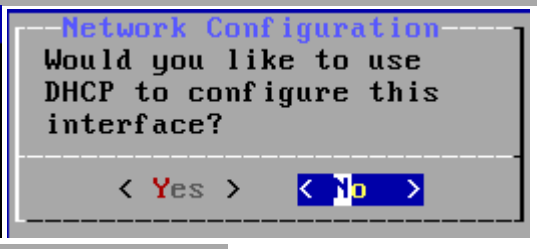


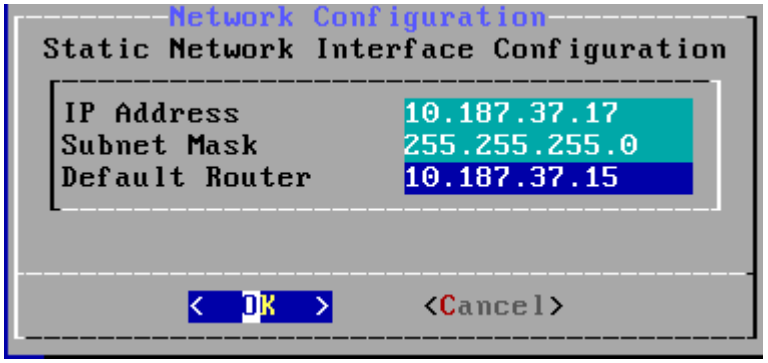

Set Hostname
Please choose a hostname for this machine.
If you are running on a managed network, please ask your network administrator for an appropriate name.
vulture
< OK >

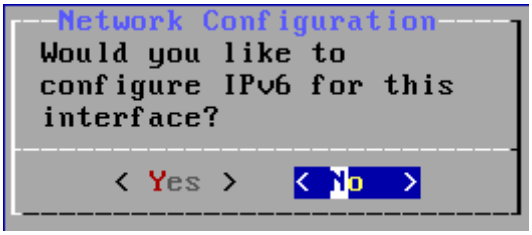

Distribution Select
Choose optional system components to install:
[ ] base-dbg Base system (Debugging)
[ ] doc Additional Documentation
[ ] kernel-dbg Kernel (Debugging)
[ ] lib32-dbg 32-bit compatibility libraries (Debugging)
[*] lib32 32-bit compatibility libraries
[*] ports Ports tree
[ ] src System source tree
[ ] tests Test suite
< OK >

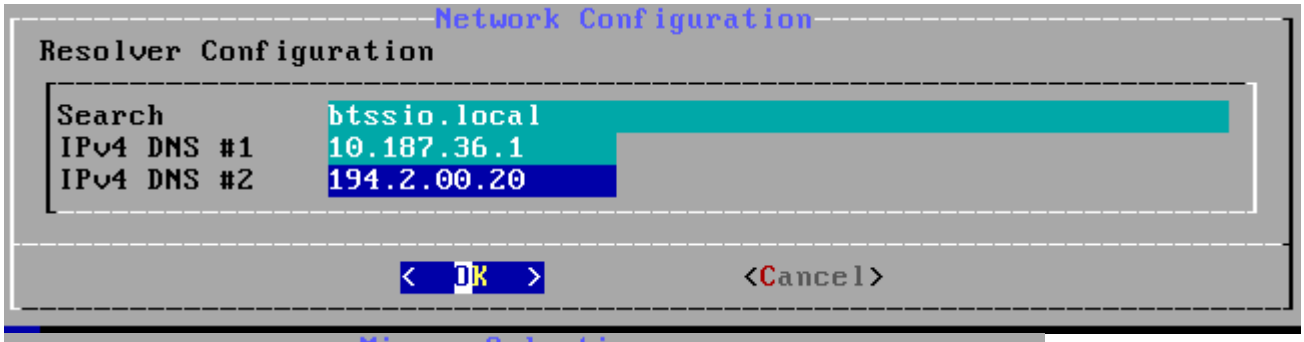

Network Configuration
Please select a network interface to configure:
em0 Intel(R) PRO/1000 Legacy Network Connection 1.1.0
< OK > <Cancel>

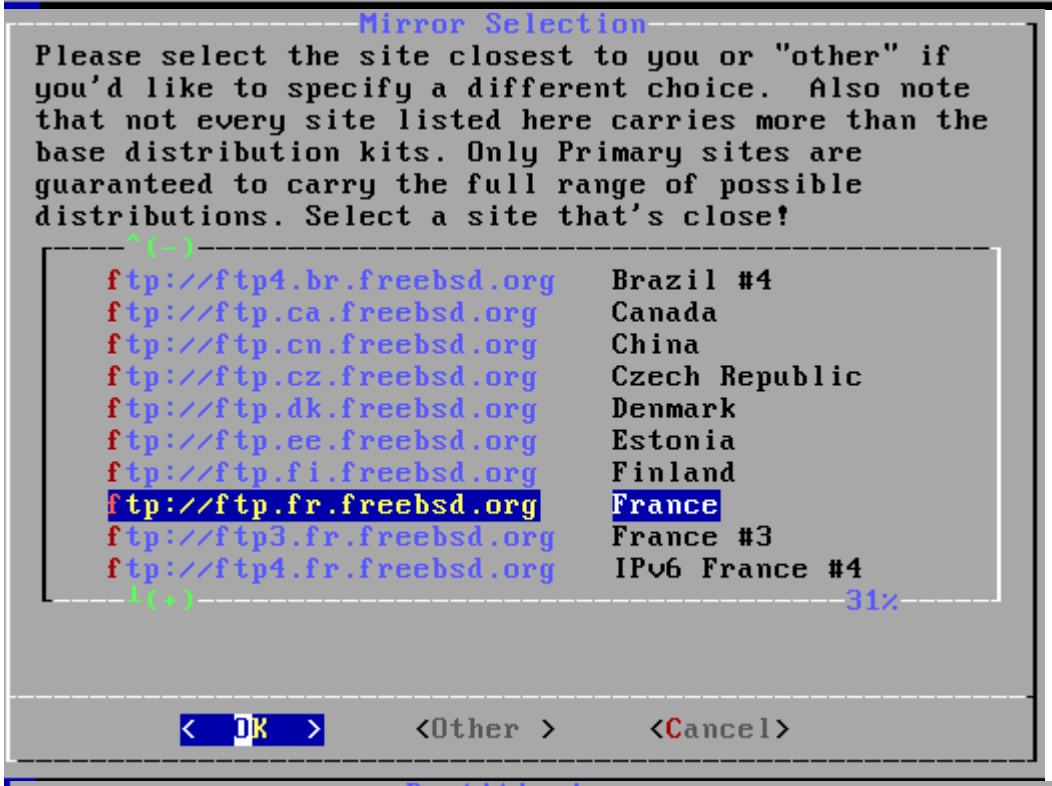

Network Configuration
Would you like to configure IPv4 for this interface?
< Yes > < No >


Network Configuration
Would you like to use DHCP to configure this interface?
< Yes > < No >

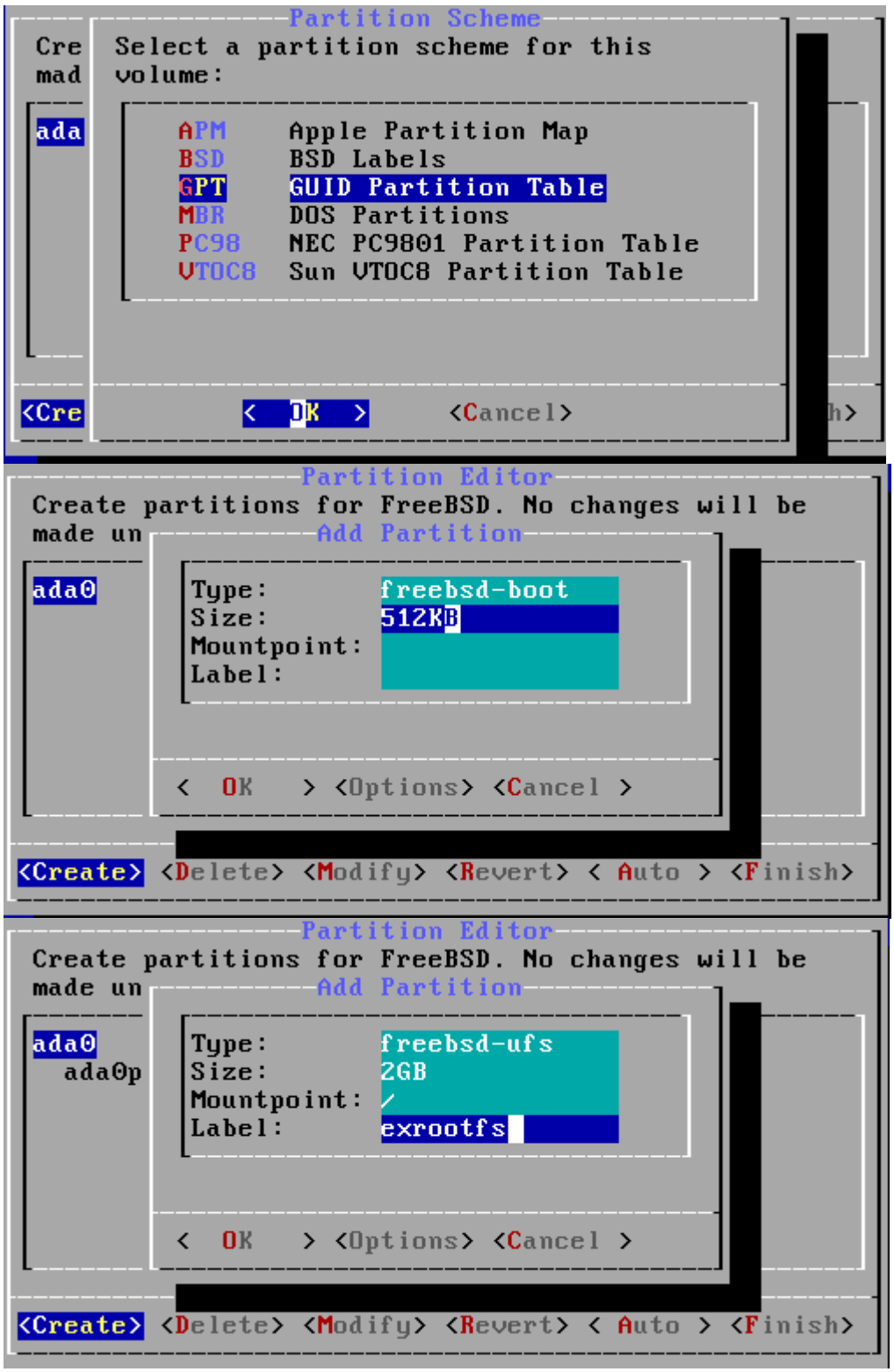

Network Configuration
Static Network Interface Configuration
IP Address 10.187.37.17
Subnet Mask 255.255.255.0
Default Router 10.187.37.15
< OK > <Cancel>


Network Configuration
Would you like to configure IPv6 for this interface?
< Yes > < No >

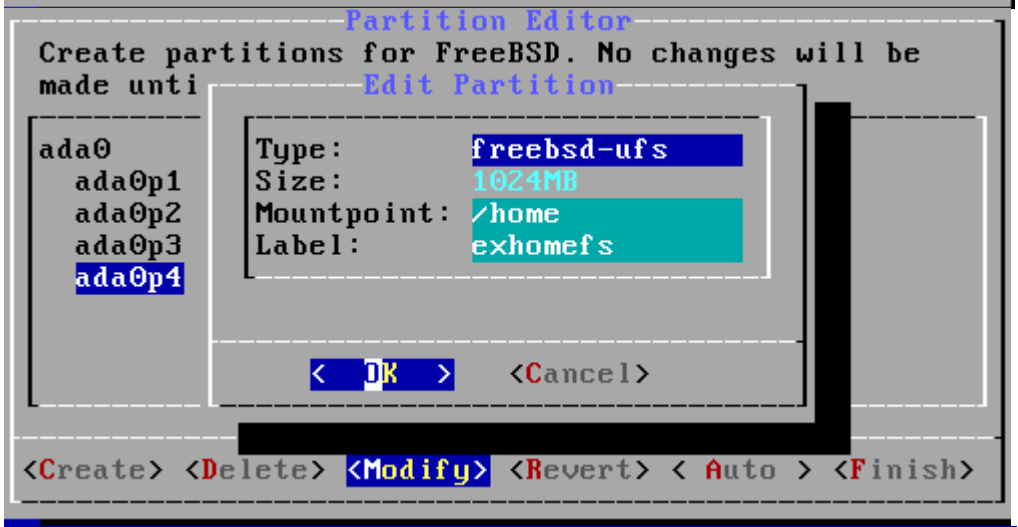

Network Configuration
Resolver Configuration
Search btssio.local
IPv4 DNS #1 10.187.36.1
IPv4 DNS #2 194.2.00.20
< OK >
<Cancel>

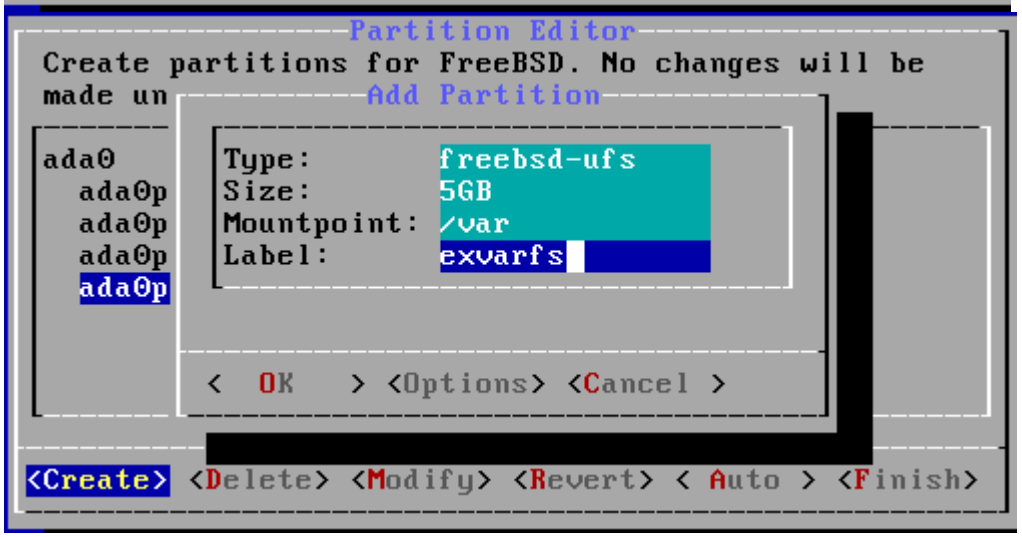

Mirror Selection
Please select the site closest to you or "other" if you'd like to specify a different choice. Also note that not every site listed here carries more than the base distribution kits. Only Primary sites are guaranteed to carry the full range of possible distributions. Select a site that's close!
ftp://ftp4.br.freebsd.org Brazil #4
ftp://ftp.ca.freebsd.org Canada
ftp://ftp.cn.freebsd.org China
ftp://ftp.cz.freebsd.org Czech Republic
ftp://ftp.dk.freebsd.org Denmark
ftp://ftp.ee.freebsd.org Estonia
ftp://ftp.fi.freebsd.org Finland
ftp://ftp.fr.freebsd.org France
ftp://ftp3.fr.freebsd.org France #3
ftp://ftp4.fr.freebsd.org IPv6 France #4
31%
< OK > <Other > <Cancel>

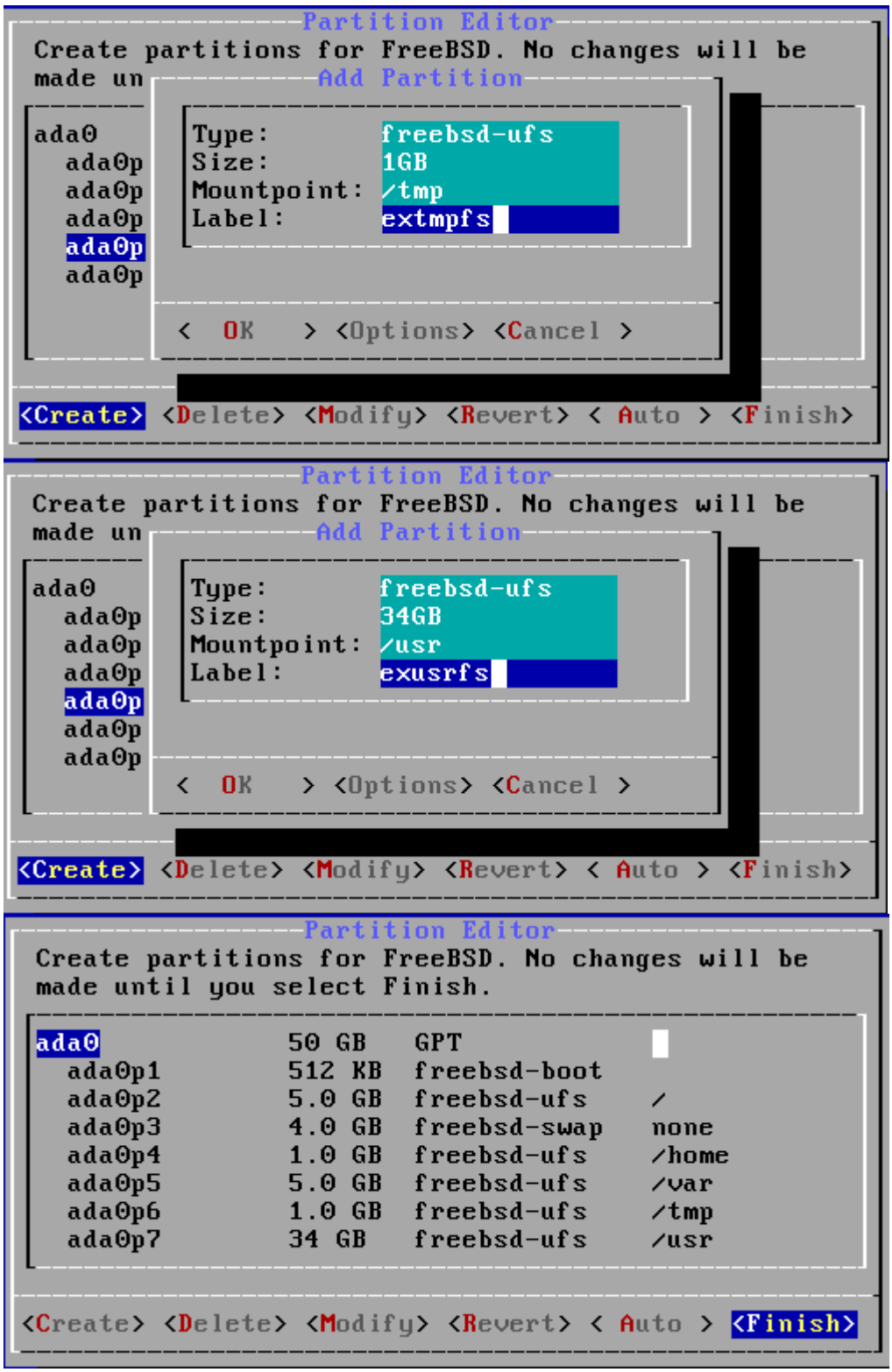

Partitioning
How would you like to partition your disk?
Auto (UFS) Guided Disk Setup
Manual Manual Disk Setup (experts)
Shell Open a shell and partition by hand
Auto (ZFS) Guided Root-on-ZFS
< OK > <Cancel>

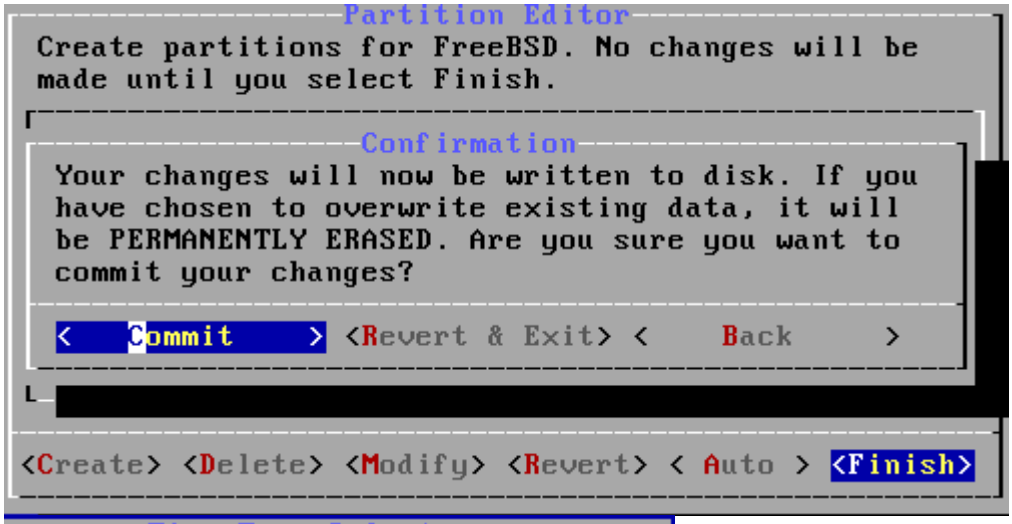

Partition Scheme
Select a partition scheme for this volume:
APM Apple Partition Map
BSD BSD Labels
GPT GUID Partition Table
MBR DOS Partitions
PC98 NEC PC9801 Partition Table
VTOC8 Sun VTOC8 Partition Table
< OK >
<Cancel>
Partition Editor
Create partitions for FreeBSD. No changes will be made un
Add Partition
ada0
Type: freebsd-boot
Size: 512KB
Mountpoint:
Label:
< OK > <Options> <Cancel >
<Create> <Delete> <Modify> <Revert> < Auto > <Finish>
Partition Editor
Create partitions for FreeBSD. No changes will be made un
Add Partition
ada0
ada0p
Type: freebsd-ufs
Size: 2GB
Mountpoint: /
Label: exrootfs
< OK > <Options> <Cancel >
<Create> <Delete> <Modify> <Revert> < Auto > <Finish>

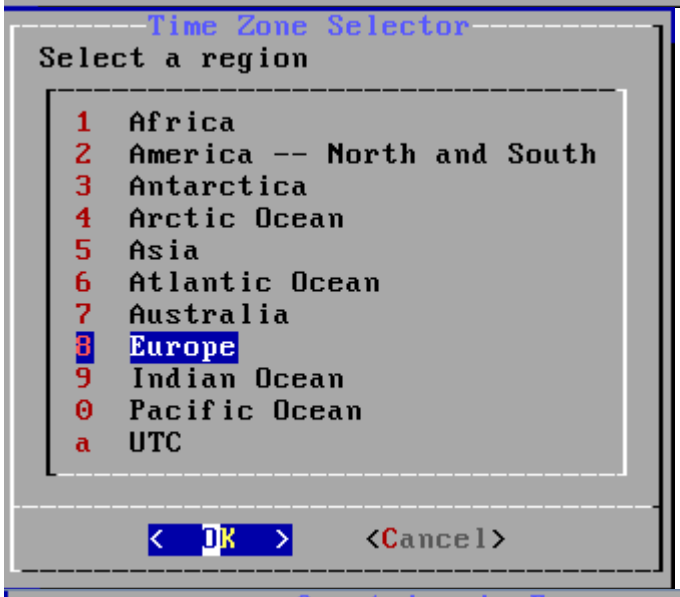

Partition Editor
Create partitions for FreeBSD. No changes will be
made unti
Edit Partition
ada0
ada0p1
ada0p2
ada0p3
Type: freebsd-swap
Size: 4096MB
Mountpoint: none
Label: exswap
< OK >
<Cancel>
<Create> <Delete> <Modify> <Revert> < Auto > <Finish>


Partition Editor
Create partitions for FreeBSD. No changes will be
made unti
Edit Partition
ada0
ada0p1
ada0p2
ada0p3
ada0p4
Type: freebsd-ufs
Size: 1024MB
Mountpoint: /home
Label: exhomefs
< OK >
<Cancel>
<Create> <Delete> <Modify> <Revert> < Auto > <Finish>

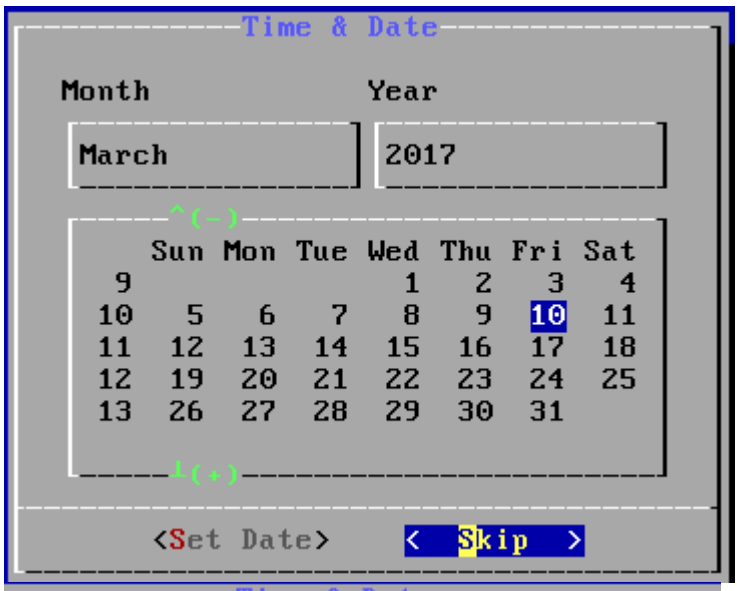

Partition Editor
Create partitions for FreeBSD. No changes will be
made un
Add Partition
ada0
ada0p
ada0p
ada0p
ada0p
Type: freebsd-ufs
Size: 5GB
Mountpoint: /var
Label: exvarfs
< OK > <Options> <Cancel >
<Create> <Delete> <Modify> <Revert> < Auto > <Finish>

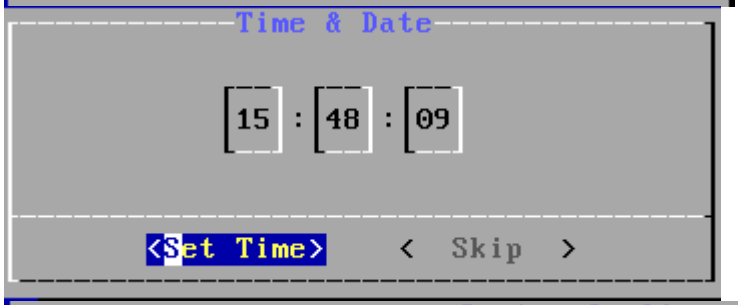

Partition Editor
Create partitions for FreeBSD. No changes will be
made un
Add Partition
ada0
ada0p
ada0p
ada0p
ada0p
ada0p
Type: freebsd-ufs
Size: 1GB
Mountpoint: /tmp
Label: extmpfs
< OK > <Options> <Cancel >
<Create> <Delete> <Modify> <Revert> < Auto > <Finish>
Partition Editor
Create partitions for FreeBSD. No changes will be
made un
Add Partition
ada0
ada0p
ada0p
ada0p
ada0p
ada0p
ada0p
Type: freebsd-ufs
Size: 34GB
Mountpoint: /usr
Label: exusrfs
< OK > <Options> <Cancel >
<Create> <Delete> <Modify> <Revert> < Auto > <Finish>
Partition Editor
Create partitions for FreeBSD. No changes will be
made until you select Finish.
ada0 50 GB GPT
ada0p1 512 KB freebsd-boot
ada0p2 5.0 GB freebsd-ufs /
ada0p3 4.0 GB freebsd-swap none
ada0p4 1.0 GB freebsd-ufs /home
ada0p5 5.0 GB freebsd-ufs /var
ada0p6 1.0 GB freebsd-ufs /tmp
ada0p7 34 GB freebsd-ufs /usr
<Create> <Delete> <Modify> <Revert> < Auto > <Finish>

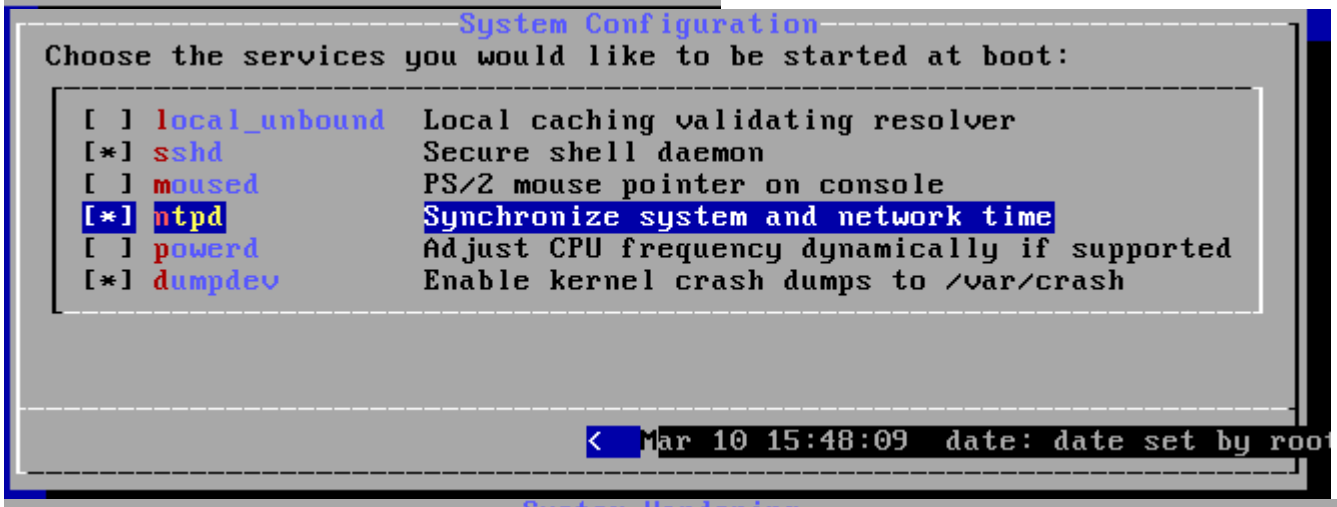

Partition Editor
Create partitions for FreeBSD. No changes will be made until you select Finish.
Confirmation
Your changes will now be written to disk. If you have chosen to overwrite existing data, it will be PERMANENTLY ERASED. Are you sure you want to commit your changes?
< Commit > <Revert & Exit> < Back >
<Create> <Delete> <Modify> <Revert> < Auto > <Finish>

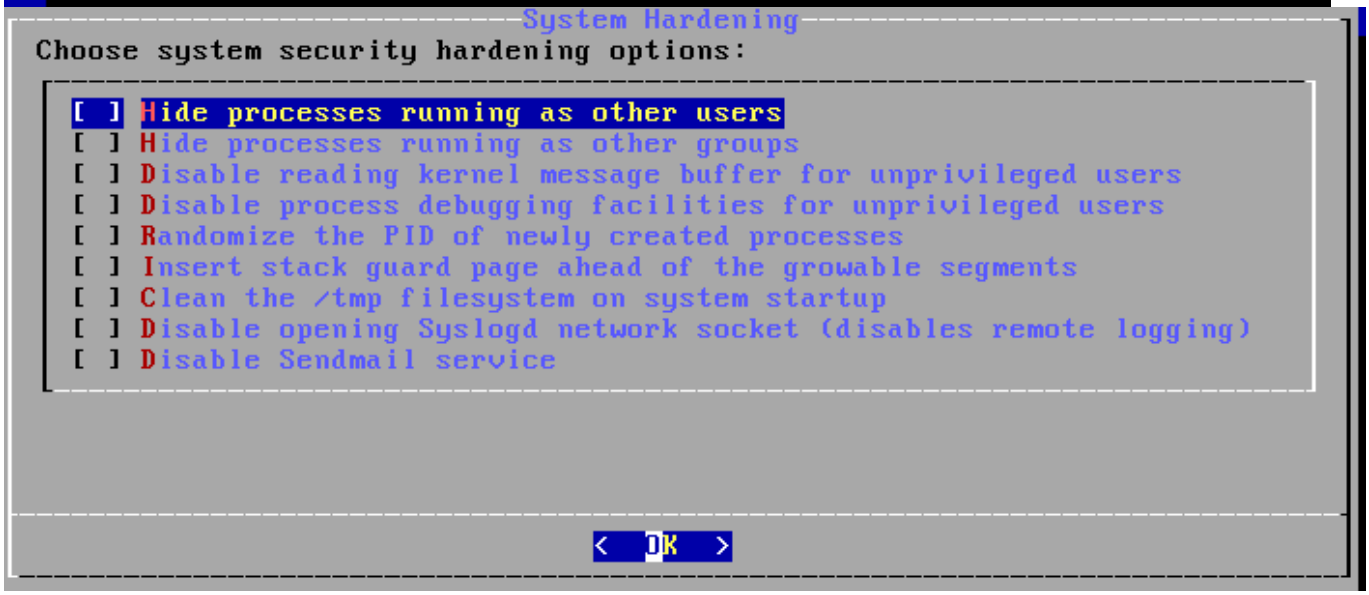

Time Zone Selector
Select a region
1 Africa
2 America -- North and South
3 Antarctica
4 Arctic Ocean
5 Asia
6 Atlantic Ocean
7 Australia
8 Europe
9 Indian Ocean
0 Pacific Ocean
a UTC
< OK > <Cancel>

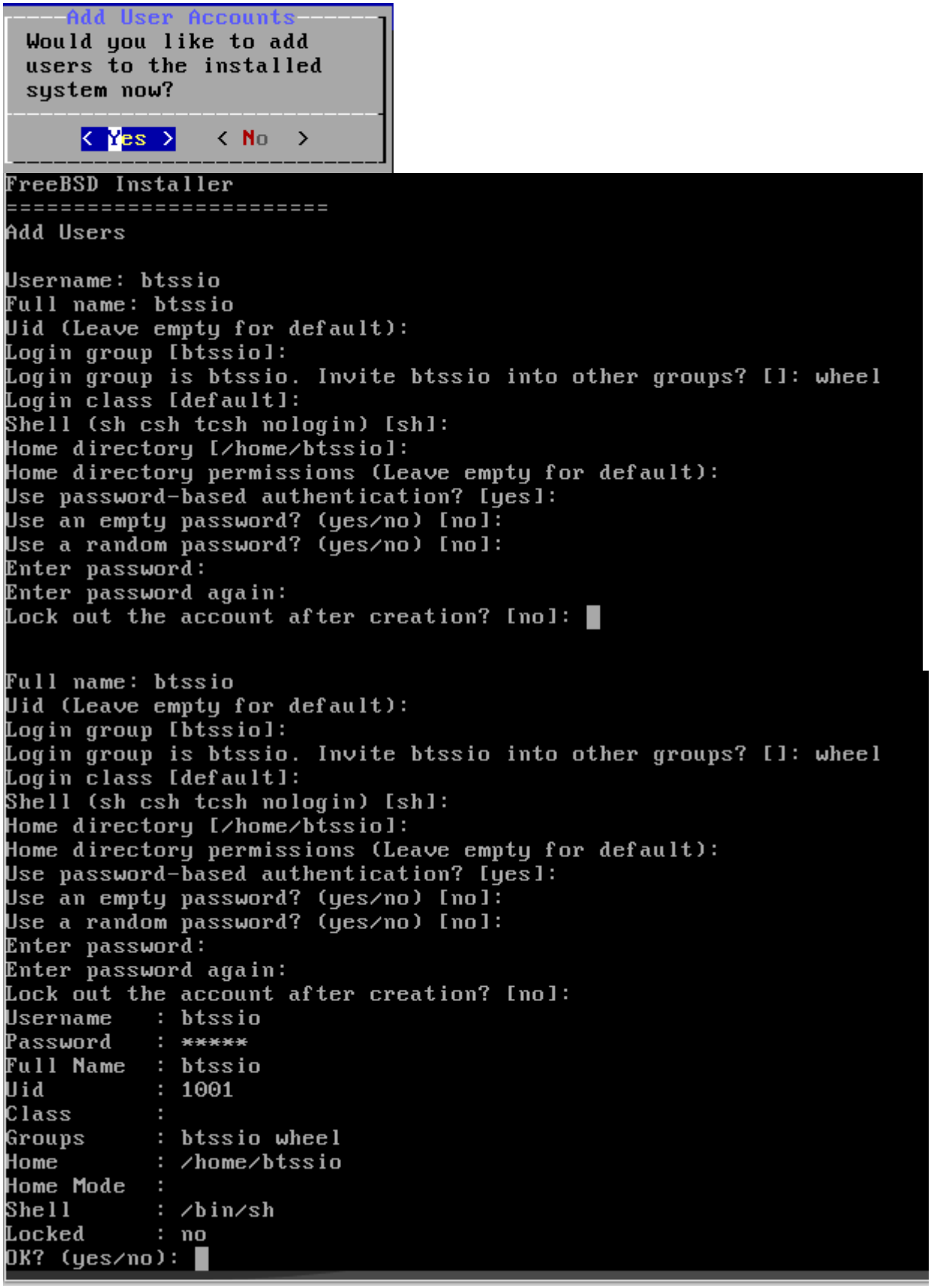

Countries in Europe
Select a country or region
1 Aland Islands
2 Albania
3 Andorra
4 Austria
5 Belarus
6 Belgium
7 Bosnia and Herzegovina
8 Bulgaria
9 Croatia
10 Czech Republic
11 Denmark
12 Estonia
13 Finland
14 France
15 Germany
16 Gibraltar
32%
< OK > <Cancel>

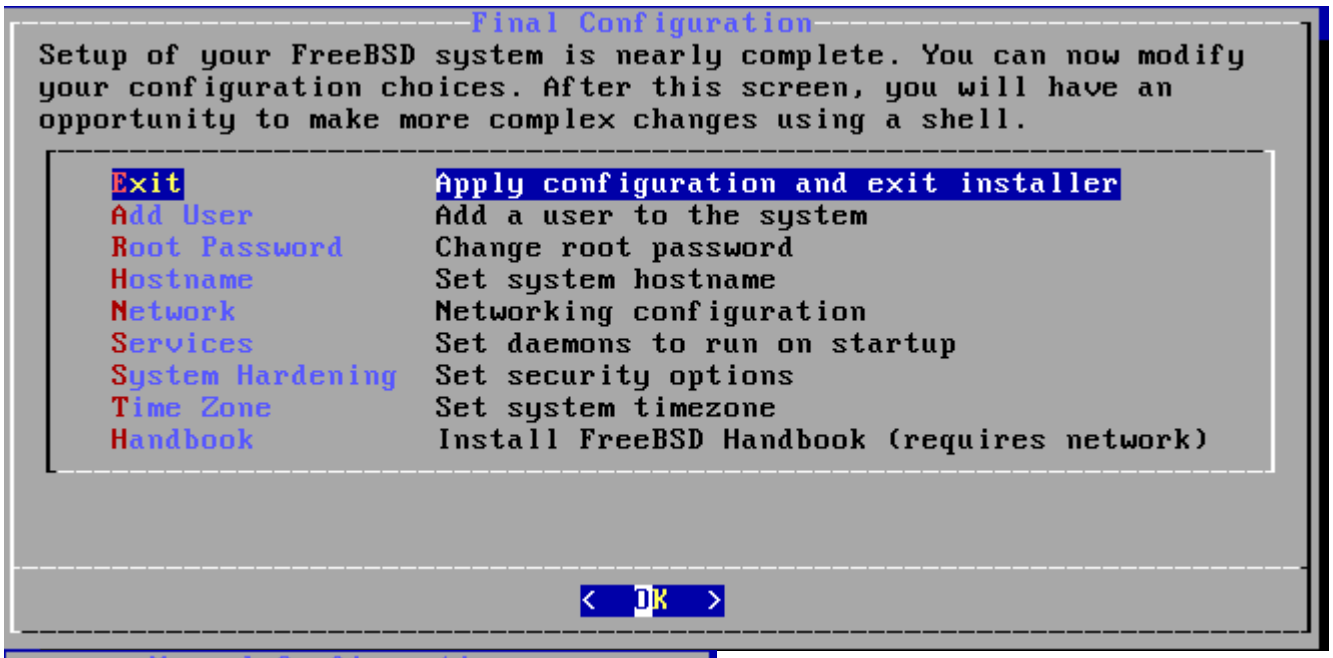

Time & Date
Month
Year
March
2017
Sun Mon Tue Wed Thu Fri Sat
9 1 2 3 4
10 5 6 7 8 9 10 11
11 12 13 14 15 16 17 18
12 19 20 21 22 23 24 25
13 26 27 28 29 30 31
<Set Date>
< Skip >

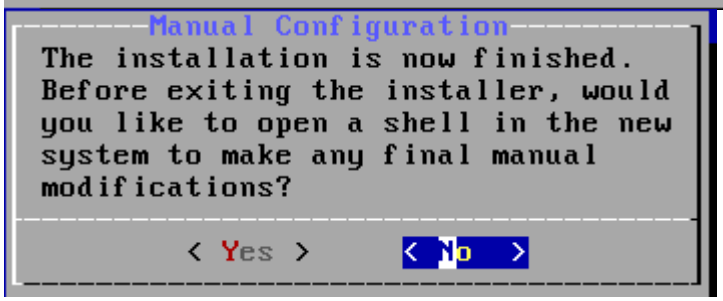

Time & Date
15 : 48 : 09
<Set Time>
< Skip >


System Configuration
Choose the services you would like to be started at boot:
[ ] local_unbound Local caching validating resolver
[*] sshd Secure shell daemon
[ ] moused PS/2 mouse pointer on console
[*] ntpd Synchronize system and network time
[ ] powerd Adjust CPU frequency dynamically if supported
[*] dumpdev Enable kernel crash dumps to /var/crash
< Mar 10 15:48:09 date: date set by root


System Hardening
Choose system security hardening options:
[ ] Hide processes running as other users
[ ] Hide processes running as other groups
[ ] Disable reading kernel message buffer for unprivileged users
[ ] Disable process debugging facilities for unprivileged users
[ ] Randomize the PID of newly created processes
[ ] Insert stack guard page ahead of the growable segments
[ ] Clean the /tmp filesystem on system startup
[ ] Disable opening Syslogd network socket (disables remote logging)
[ ] Disable Sendmail service
< OK >


Add User Accounts
Would you like to add users to the installed system now?
< Yes >
< No >
FreeBSD Installer
Add Users
Username: btssio
Full name: btssio
Uid (Leave empty for default):
Login group [btssio]:
Login group is btssio. Invite btssio into other groups? []: wheel
Login class [default]:
Shell (sh csh tcsh nologin) [sh]:
Home directory [/home/btssio]:
Home directory permissions (Leave empty for default):
Use password-based authentication? [yes]:
Use an empty password? (yes/no) [no]:
Use a random password? (yes/no) [no]:
Enter password:
Enter password again:
Lock out the account after creation? [no]:
Full name: btssio
Uid (Leave empty for default):
Login group [btssio]:
Login group is btssio. Invite btssio into other groups? []: wheel
Login class [default]:
Shell (sh csh tcsh nologin) [sh]:
Home directory [/home/btssio]:
Home directory permissions (Leave empty for default):
Use password-based authentication? [yes]:
Use an empty password? (yes/no) [no]:
Use a random password? (yes/no) [no]:
Enter password:
Enter password again:
Lock out the account after creation? [no]:
Username : btssio
Password : *****
Full Name : btssio
Uid : 1001
Class :
Groups : btssio wheel
Home : /home/btssio
Home Mode :
Shell : /bin/sh
Locked : no
OK? (yes/no):





2. Retour accueil Projet Vulture

- Projet Vulture

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https://siocours.lycees.nouvelle-aquitaine.pro/ - **Les cours du BTS SIO**

Permanent link:
https://siocours.lycees.nouvelle-aquitaine.pro/doku.php/reseau/vulture/installfreebsd

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