FreeBSD 9 Installation

- bsdinstall

bsdinstall (FreeBSD 9) – (1)

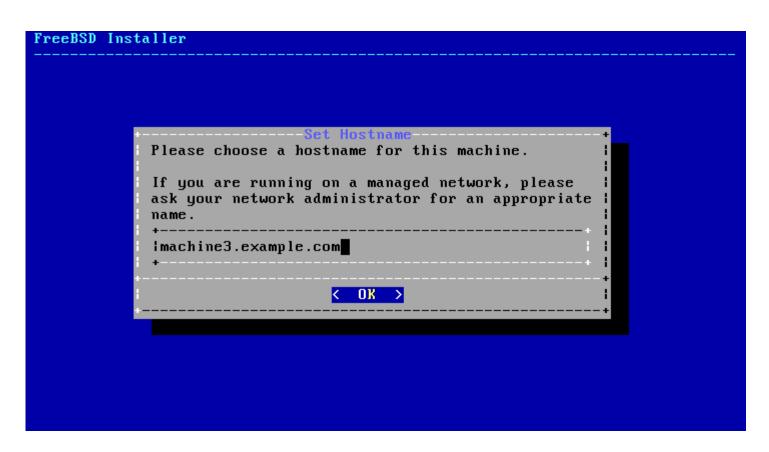❑ http://www.freebsd.org/doc/handbook/bsdinstall.html

bsdinstall (FreeBSD 9) – (2)

❑ Install、Shell、Live CD

bsdinstall (FreeBSD 9) – (3)

❑ Setting hostname

bsdinstall (FreeBSD 9) – (4)

❑ Selecting components to install

bsdinstall (FreeBSD 9) – (5)

❑ Partitioning methods

- Shell – gpart(8)、fdisk(8)、bsdlabel(8)

bsdinstall (FreeBSD 9) – (6)

❑ Guided Partitioning

- Select disk

- Replace { ad | da } by ada

- { ad | da }'s are linked to ada's

```
----------------------------Partitioning----------------------------+
| Select the disk on which to install FreeBSD.                       |
| +----------------------------------------------------------------+ |
| | ada0   12 GB ATA Hard Disk <VBOX HARDDISK>                     | |
| | ada1   10 GB ATA Hard Disk <VBOX HARDDISK>                     | |
| +----------------------------------------------------------------+ |
|                                                                    |
|              <   OK   >           <Cancel>                         |
+--------------------------------------------------------------------+
```

- How to partition the disk
  - ➢ Entire Disk
  - ➢ Partition – use free space

```
---------------------------Partition---------------------------+
| Would you like to use this entire disk                       |
| (ada0) for FreeBSD or partition it to                        |
| share it with other operating systems?                       |
| Using the entire disk will erase any                         |
| data currently stored there.                                 |
|                                                              |
|   <Entire Disk>    < Partition >                             |
+--------------------------------------------------------------+
```

bsdinstall (FreeBSD 9) – (7)

❑ Guided Partitioning result

bsdinstall (FreeBSD 9) – (8)

❑ Manual Partitioning

bsdinstall (FreeBSD 9) – (9)

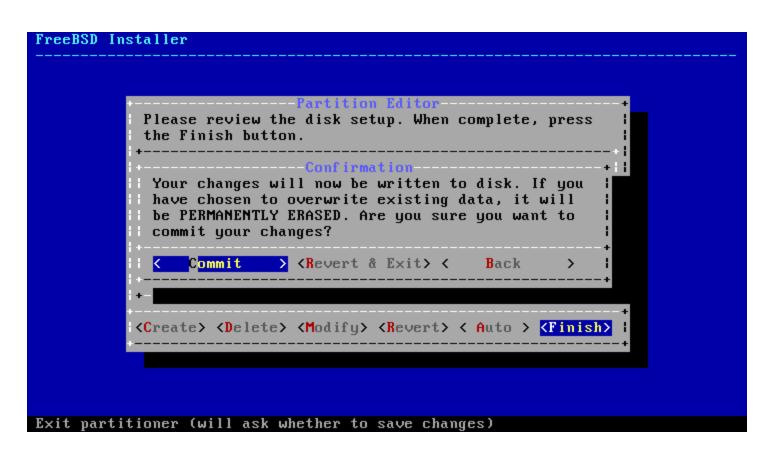❑ Choose a partitioning scheme

- GPT、MBR
- DON'T use BSD!!!

bsdinstall (FreeBSD 9) – (10)

❑ Add partitions

- freebsd-boot

  ➢ FreeBSD boot code. This partition must be first on the disk.

bsdinstall (FreeBSD 9) – (11)

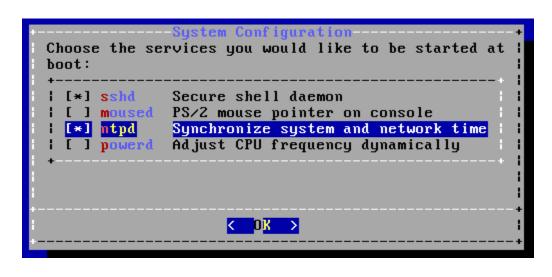❑ Final confirmation

bsdinstall (FreeBSD 9) – (12)

❑ Fetching → Checksum Verification → Extraction

bsdinstall (FreeBSD 9) – (13)

❑ Post-installation

- root password
- Network interfaces
  - ➢ Wired – Static IPv4 / DHCP / Static IPv6 / SLAAC
  - ➢ Wireless
  - ➢ DNS
- Time Zone
- Services
- Add users

```
+-----------------System Configuration-----------------+
| Choose the services you would like to be started at  |
| boot:                                                 |
| +---------------------------------------------------+ |
| | [*] sshd     Secure shell daemon                  | |
| | [ ] moused   PS/2 mouse pointer on console        | |
| | [*] ntpd     Synchronize system and network time  | |
| | [ ] powerd   Adjust CPU frequency dynamically     | |
| +---------------------------------------------------+ |
|                                                       |
|                                                       |
|                   <  OK  >                            |
+-------------------------------------------------------+
```

bsdinstall (FreeBSD 9) – (14)

❑ Final configuration