# FreeBSD 11.1 Basic Installation

# Step by Step Installation w/ Pictures by mlmln

#### The Introduction

- You Have A Virtualbox or VMWare Player
- All The Files for Workshop
- Putty or WinSCP (Windows Users)
- Terminal or SCP (Linux Users)
- Basic of Unix/Linux Command Line
- A Lots of Snacks...



#### FreeBSD First Booting Just hit "Enter"



FreeBSD BSD Install Choose "Install" & hit "Enter"

Кеумар Selection e system console driver for FreeBSD defaults to standard "US yboard мар. Other keymaps can be chosen below. >> Continue with default keymap > lest default keymap ) Armenian phonetic layout ) Belarusian Codepage 1131 ) Belarusian Codepage 1251 ) Belarusian ISO-8859-5 ) Belgian ISO-8859-1 ) Belgian ISO-8859-1 ) Belgian ISO-8859-1 ) Brazilian 275 Codepage 850 ) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 ) Bulgarian (BDS)		
yboard map. Other keymaps can be chosen below. >> Continue with default keymap >- lest default keymap ) Armenian phonetic layout ) Belarusian Codepage 1131 ) Belarusian Codepage 1251 ) Belarusian ISO-8859-5 ) Belgian ISO-8859-1 Belgian ISO-8859-1 (accent keys) ) Brazilian 275 Codepage 850 Brazilian 275 ISO-8859-1 (accent keys) ) Brazilian 275 ISO-8859-1 (accent keys) ) Bulgarian (BDS) 	Reyмap he system console driver for	Selection • FreeBSD defaults to standard "US
>> Continue with default keyмap >- lest default keyмap ) Armenian phonetic layout ) Belarusian Codepage 1131 ) Belarusian Codepage 1251 ) Belarusian ISO-8859-5 ) Belgian ISO-8859-1 ) Belgian ISO-8859-1 ) Belgian ISO-8859-1 (accent keys) ) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 ) Brazilian (BDS) 	eyboard map. Other keymaps c	an be chosen below.
> Test default keyMap ) Armenian phonetic layout ) Belarusian Codepage 1131 ) Belarusian Codepage 1251 ) Belarusian ISO-8859-5 ) Belgian ISO-8859-1 ) Belgian ISO-8859-1 (accent keys) ) Brazilian 275 Codepage 850 ) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 (accent keys) ) Bulgarian (BDS) 11%	>>> Continue with default ke	умар
<pre>) HrMentan phonetic Tayout ) Belarusian Codepage 1131 ) Belarusian Codepage 1251 ) Belarusian ISO-8859-5 ) Belgian ISO-8859-1 (accent keys) ) Brazilian 275 Codepage 850 ) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 (accent keys) ) Bulgarian (BDS)</pre>	->- lest delault keymap	
) Belarusian Codepage 1131 ) Belarusian Codepage 1251 ) Belarusian ISO-8859-5 ) Belgian ISO-8859-1 (accent keys) ) Brazilian 275 Codepage 850 ) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 (accent keys) ) Bulgarian (BDS) 	J Hrmenian phonetic layout	
) Belarusian ISO-8859-5 ) Belgian ISO-8859-1 ) Belgian ISO-8859-1 (accent keys) ) Brazilian 275 Codepage 850 ) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 (accent keys) ) Bulgarian (BDS) 	Delarusian Codepage 1131	
) Belgian ISO-8859-5 ) Belgian ISO-8859-1 ) Belgian ISO-8859-1 (accent keys) ) Brazilian 275 Codepage 850 ) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 (accent keys) ) Bulgarian (BDS) 	Delarusian Lodepage 1251	
) Belgian ISO-8859-1 ) Belgian ISO-8859-1 (accent keys) ) Brazilian 275 Codepage 850 ) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 (accent keys) ) Bulgarian (BDS) 	) Belarusian 150-6659-5	
) Brazilian 275 Codepage 850 ) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 (accent keys) ) Bulgarian (BDS) 	( ) Belgian 150-0000-1 ( ) Belgian 150 0050 1 (2000	unt house)
) Brazilian 275 ISO-8859-1 ) Brazilian 275 ISO-8859-1 (accent keys) ) Bulgarian (BDS) 11%	) Bragilian 275 Codopage 8	
) Brazilian 275 ISO-8859-1 (accent keys) ) Bulgarian (BDS) 10-11%	Brazilian 275 ISD-9950-1	
) Bulgarian (BDS) 11%	) Brazilian 275 IS0-8859-1	(accout kous)
	() Bulgarian (BDS)	Cuccent Keysy
	y burgarian (bbb)	11%

Keyboard map for the VM, just hit "Enter"



Fill with FQDN (Fully Qualified Domain Name) or Hostname as you wish. just hit "Enter"

	Distribution Select
Choose option	al system components to install:
[ ] base-db	g Base system (Debugging)
	Additional Documentation
[ ] 1ib32-d	bg 32-bit compatibility libraries (Debugging)
[*] lib32	32-bit compatibility libraries
L 1 ports	Ports tree
L J SFC	System source tree Test suite
-	

We don't need "Ports" just hit "Space" on keyboard to remove and just hit "Enter"



File system on FreeBSD is "UFS" for the "Default" and hit "Enter"



#### Use the "Entire Disk" and hit "Enter"



Use BSD for "Partition Scheme" and hit "Enter"



#### Just hit "Enter" for nothing change

Fetching D	istribution	
MANIFEST	[ Done	]
base.txz	[ 29%	1
kernel.txz	[ Pendi	ng ]
lib32.txz	L Penali	ng J
Fetching distributio	m files	
-Overall Progress-	4.0%	1
	19%	

The Installation of FreeBSD Basic System started. Base, Kernel & Lib32 (Fetching)

Archive Extraction Extracting distribution files
kernel.txz [ Pending ]
lib32.txz [ Pending ]
Overall Progress:
2%

The Installation of FreeBSD Basic System started. Base, Kernel & Lib32 (Extracting)

File View VM S S B A B S Installer Please select a password for the system management account (root): Changing local password for root New Password: Retype New Password:

Setup the Root Password. FreeBSD doesn't "echo" your password. So it means your keyboard not broken. Just hit "enter" after finish



Network Interface Card for the VM and hit "Enter"



#### Just hit "Enter" for IPv4



Just choose between DHCP or Static for IP Address you will have. In this picture we choose "NO" for Static IP Address.



Put the Static IP you have, the Netmask & the Gateway. After that Just hit "Enter"



We are not going to configure IPv6. Choose "NO" and Just hit "Enter"



Put the domain name and DNS to Resolve to the internet and Just hit "Enter"



Choose "Asia" for Region. Choose "Indonesia" for Country. Choose "Java & Sumatra" for City and hit "Enter" for Timezone "WIB"



Match for Date and Continue hit "Set date"



Match for Clock and Continue "Set Time"

\_ \_\_ \_\_

File View VM	
FreeBSD Installer	
Choose the services	System Configuration you would like to be started at boot:
[] local_unbound [*] sshd [] Moused [] ntpd [] powerd [*] dumpde∨	Local caching validating resolver Secure shell daemon PS/2 mouse pointer on console Synchronize system and network time Adjust CPU frequency dynamically if supported Enable kernel crash dumps to /var/crash

Nothing change here on Services on boot. Just hit "Enter"



Disable SendMail Services on boot by hit "Space" & hit "Enter" too



Username for log in to the server. Just hit "Enter"



Follow the instructios and don't forget to add the username into group "WHEEL" for Super User Root. Just hit "Enter" if you are finished.

of your freeb onfiguration	SD system is nearly complete. You can now modify
	choices, niter this screen, you will have an
unity to make	More complex changes using a shell.
it	Apply configuration and exit installer
i User	Add a user to the system
ot Password	Change root password
stname	Set system hostname
CWORK	Networking configuration
FVICES stow Hardonin	Set security ontions
me Zone	Set sustem timezone
ndhook	Install FreeBSD Handbook (requires network)
	t User ht Password stname twork vvices steм Hardenir не Zone

Just hit "Enter" to apply the configuration



#### Just hit "Enter" if there is no modification



#### **Reboot the server**

#### The Credits

#### ALLAH SWT & Nabi Muhammad SAW www.skyline.net.id

#### FSISystem

#### Quanta & Inspur Servers

Komunitas BelajarFreeBSD Indonesia