# Virtualbox Guest VM for FreeBSD box

# How To Build.Setup.Deploy by m1m1n

### The Introduction

- You Have A Virtualbox on your Laptop/PC
- A FreeBSD 11.1 ISO 64bit
- A Putty & WinSCP (Windows Users)
- A Terminal & SCP (Linux Users)
- Basic of Networking
- Basic of Unix/Linux Command Line
- A Lots of Snacks...

Oracle VM VirtualBox Manager	
File Machine Help	
New Settings Discard Start,	😳 Details 🖾 Snapshots
	<ul> <li>Welcome to VirtualBox!</li> <li>The left part of this window is a list of all virtual machines on your computer. The list is empty now because you haven't created any virtual machine, press the New button in the main tool bar located at the top of the window.</li> <li>You can press the F1 key to get instant help, or visit www.virtualbox.org for the latest information and news.</li> </ul>

#### Create New Guest VM using "NEW" Button

Name a	and operati	ng syster	n			
Please ch	oose a descripti perating system	ve name for you intend t	the new virt	ual machine	and select	the wi
be used t	hroughout Virtu	alBox to iden	tify this mac	hine.	,	
Name:	FreeBSD					
Type	BSD				•	64
Version:	FreeBSD (64-bit	:)			•	<u> </u>

Give your VM Name, Type of The OS & OS Version. I'm Giving "FreeBSD" name, Type "BSD" and Version "FreeBSD (64-bit). Hit Next to Continue



# Give the RAM not as much as the HOST have. I Give 4GB (4096) of 16GB RAM Host and just click "Next"

0 53

If you wish you create a new hi using the folder	i can add a virtual hard ard disk file or select on r icon.	disk to the new machine. In from the list or from an	You can either other location	
If you need a m the changes to	nore complex storage se the machine settings of	et-up you can skip this st nce the machine is create	ep and make ed.	Cre
The recommend	ded size of the hard dis	k is <b>16.00 GB</b> .		
Do not add a	a virtual hard disk			
Oreate a vir	tual hard disk now			
Use an exist	ting virtual hard disk file	h.		

#### Create Virtual Hard Drive for VM, just click "Next"



Choose Hardisk File Type, i choose VDI after that click "Next"



If you like to grow automaticly for the VM Drive, just choose "Dynamicly Allocated" after that click "Next"



The minimum Space for FreeBSD is 20GB and click "Next"



#### After The VM Created, We Have to Set Up "ISO" & "Network" on "Settings" button



Go to "Storage" Button, and Click The "Empty" icon. And choose your ISO file on the host by clicking "disc icon" on the right side.

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# It should be Like THIS. I'm using FreeBSD 11.1 amd64 ISO

General	Network
System	Adapter 1 Adapter 2 Adapter 3 Adapter 4
Display	C Enable Network Adapter
Storage	Attached to: Host-only Adapter 💌
📮 Audio	Name: VirtualBox Host-Only Ethernet Adapter
Network	
Serial Ports	
S USB	
Shared Folders	
Shared Folders	

On The "Network" button, choose "Host Only Adapter" and make sure there is "Virtual Host Only Ethernet Adapter" and hit OK



#### Start The Engine... and You're DONE

### Just In Case You Forgot...



Just to make sure you've "Virtualbox Host-Only Ethernet Adapter" on "Preferences > Network > Host-Only Adapter. If You don't, add it first

### The Credits

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

#### FSISystem

#### Quanta & Inspur Servers

Komunitas BelajarFreeBSD Indonesia