

## PERTEMUAN 2

### PENGENALAN VMware WORKSTATION DAN LINUX OS

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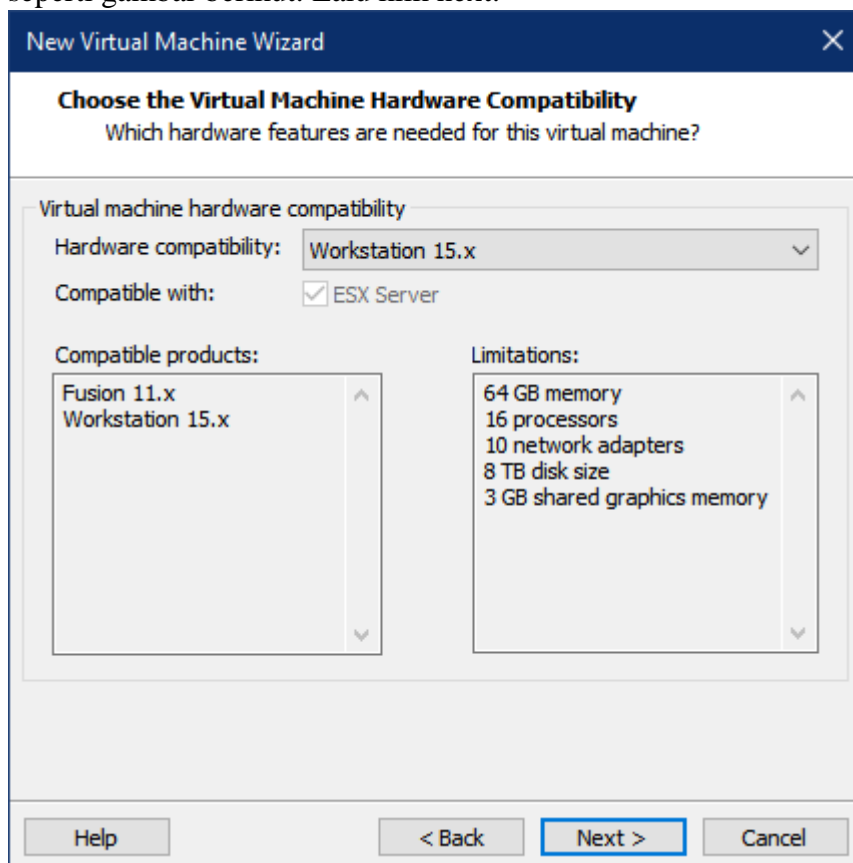
1. Tahapan yang dilakukan untuk melakukan Hosting dengan vendor 000webhost

Jawaban :

- 1) Membuat kodingan yang terhubung dengan database, dimana dalam database sudah terdapat table-table yang akan dimasukkan ke kodingan. Selain itu membuat sebuah kodingan php yang terhubung ke database untuk bisa di hosting nantinya.
  - 2) Membuka website 000webhost lalu mendaftar akun.
  - 3) Setelah akun terdaftar, buat nama website yang diinginkan (optional).
  - 4) Selanjutnya kodingan yang sudah dibuat di upload di dalam file manager dengan cara klik "upload files" pada bagian menu akun website yang sudah dibuat. Kemudian pada bagian setting, buka bagian kelola database, lalu klik bagian create new database.
  - 5) Selanjutnya akan ditunjukan ke halaman pengisian nama database, username database, dan password database. Lalu klik OK.
  - 6) Setelah database dibuat, kembali lagi ke halaman file manager yang sudah berisi kodingan kemudian setiap nama username, password(root) dan nama database diubah sesuai dengan database yang sudah dibuat di 000webhost.
  - 7) Setelah selesai diubah, buka kembali dengan memasukkan link [https://nama\\_website.000webhostapp.com/nama\\_file/login.php](https://nama_website.000webhostapp.com/nama_file/login.php).
  - 8) Ketika tampilan pada website diatas sama dengan tampilan pada hosting local atau dengan XAMPP maka hosting berhasil.
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2. Swapping adalah suatu sarana ketika komputer tidak memiliki RAM yang cukup untuk menjalankan virtualisasi VM, atau dengan kata lain swapping berarti RAM yang digunakan bersifat maya. Konsepnya yaitu dengan menggunakan hardisk, misal apabila RAM yang kita punya 4 GB maka ketika komputer masih membutuhkan RAM, akan dilakukan swapping.
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3. Tahapan untuk Create New Virtual Machine
    - 1) Pada VMware Workstation klik bagian Create New Virtual Machine



- 2) Akan ditunjukan pada tampilan seperti gambar di atas, lalu pilih yang bagian custom (advanced). Klik next
- 3) Selanjutnya pada bagian hardware Compatibility, pilih workstation 15.x seperti gambar berikut. Lalu klik next.



- 4) Pada bagian installer disc image browse file C:\ISO Library\ubuntu-18.10-live-server-amd64.iso. lalu klik next

New Virtual Machine Wizard

**Guest Operating System Installation**  
A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?

Install from:

☐ Installer disc:  
DVD RW Drive (E:)

☒ Installer disc image file (iso):  
C:\ISO Library\ubuntu-18.10-live-server-amd64.iso Browse...

i Ubuntu 64-bit Server 18.10 detected.  
This operating system will use Easy Install. [\(What's this?\)](#)

☐ I will install the operating system later.  
The virtual machine will be created with a blank hard disk.

Help < Back Next > Cancel

5) Isi bagian bagian fullname, username, dan password (optional). Next

New Virtual Machine Wizard

**Easy Install Information**  
This is used to install Ubuntu 64-bit.

Personalize Linux

Full name: veronika

User name: vero

Password: •••••• (optional)

Confirm: ••••••

Help < Back Next > Cancel

- 6) Pada virtual machine ubah menjadi Ubuntu LAMPP (NIM)

The screenshot shows the 'New Virtual Machine Wizard' dialog box with the title bar 'New Virtual Machine Wizard' and a close button. The main heading is 'Name the Virtual Machine' with the instruction 'What name would you like to use for this virtual machine?'. Below this, there is a text input field for 'Virtual machine name:' containing 'Ubuntu LAMPP 123170003'. Below that is a text input field for 'Location:' containing 'C:\Users\Lab Informatika\Documents\Virtual Machines\Ubuntu L', followed by a 'Browse...' button. A note states 'The default location can be changed at Edit > Preferences.' At the bottom, there are three buttons: '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

- 7) Bagian processor configuration isi 2, 1, 2 untuk processornya

The screenshot shows the 'New Virtual Machine Wizard' dialog box with the title bar 'New Virtual Machine Wizard' and a close button. The main heading is 'Processor Configuration' with the instruction 'Specify the number of processors for this virtual machine.' Below this, there is a section titled 'Processors' containing three rows of configuration options: 'Number of processors:' with a dropdown menu set to '2', 'Number of cores per processor:' with a dropdown menu set to '1', and 'Total processor cores:' with the value '2'. At the bottom, there are four buttons: 'Help', '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

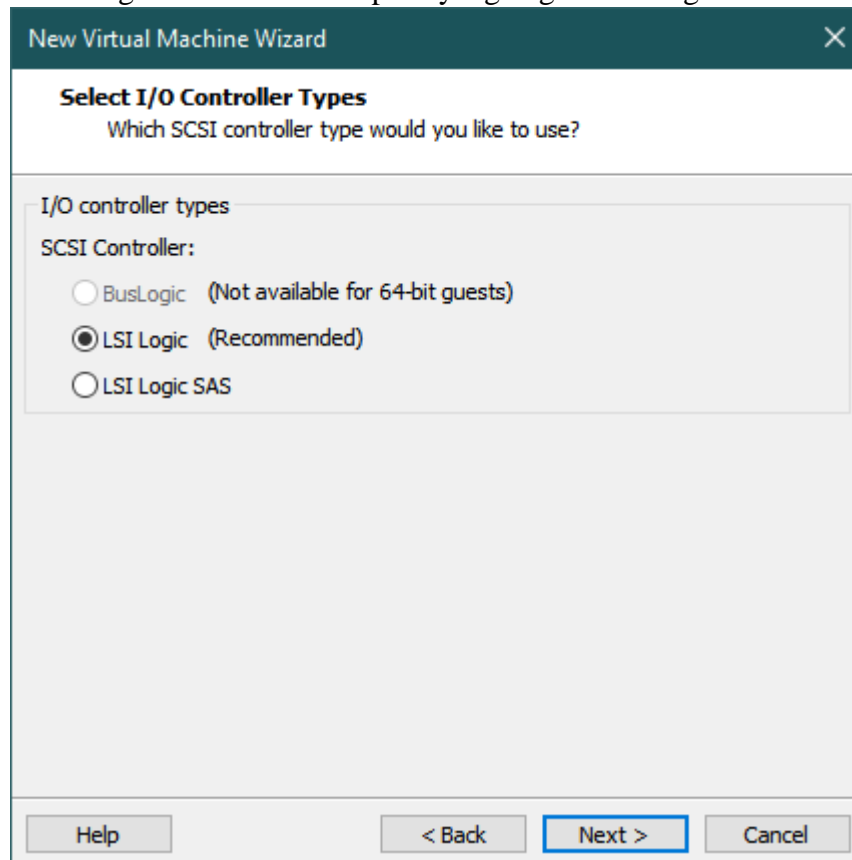
- 8) Memory menggunakan kapasitas 1 GB atau 1024 MB

The screenshot shows the 'New Virtual Machine Wizard' window, specifically the 'Memory for the Virtual Machine' step. The title bar says 'New Virtual Machine Wizard' with a close button. The main heading is 'Memory for the Virtual Machine' with the subtitle 'How much memory would you like to use for this virtual machine?'. Below this, it says 'Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.' On the left, there is a vertical slider with memory values ranging from 4 MB to 64 GB. A blue arrow points to the 1 GB mark. To the right of the slider, it says 'Memory for this virtual machine:' followed by a text box containing '1024' and a unit dropdown set to 'MB'. Further right, there are three recommendations: 'Maximum recommended memory: 2 GB' (blue square), 'Recommended memory: 2 GB' (green square), and 'Guest OS recommended minimum: 1 GB' (yellow square). At the bottom, there are four buttons: 'Help', '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

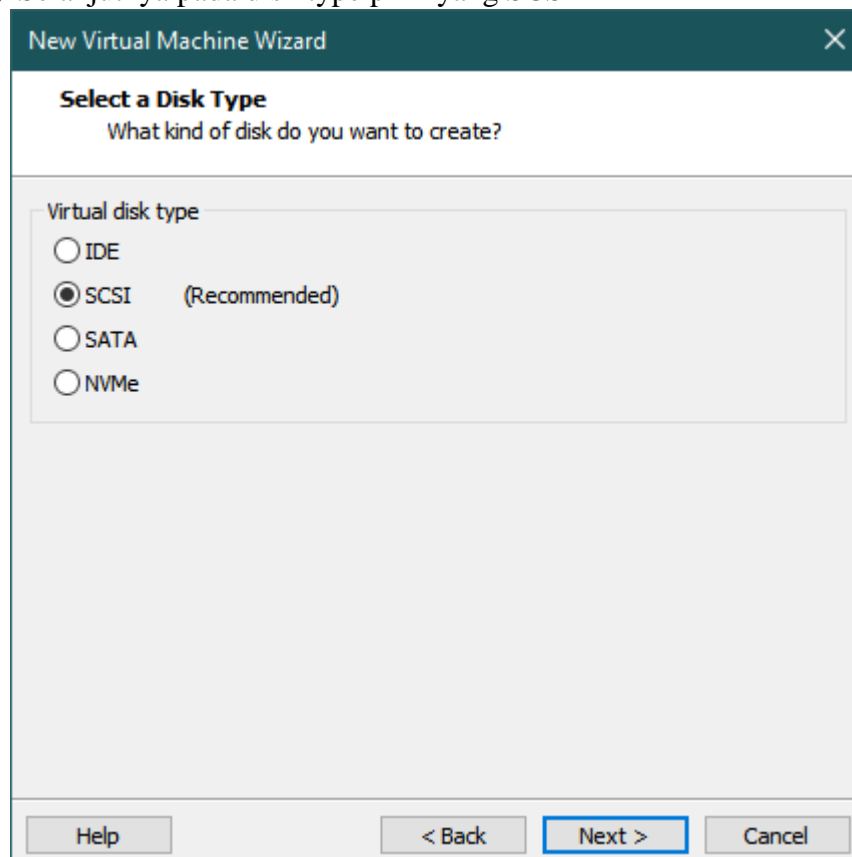
- 9) Untuk network Type pilih yang bagian NAT

The screenshot shows the 'New Virtual Machine Wizard' window, specifically the 'Network Type' step. The title bar says 'New Virtual Machine Wizard' with a close button. The main heading is 'Network Type' with the subtitle 'What type of network do you want to add?'. Below this, there is a section titled 'Network connection' with four radio button options: 'Use bridged networking' (with a description: 'Give the guest operating system direct access to an external Ethernet network. The guest must have its own IP address on the external network.'), 'Use network address translation (NAT)' (selected with a black dot, with a description: 'Give the guest operating system access to the host computer's dial-up or external Ethernet network connection using the host's IP address.'), 'Use host-only networking' (with a description: 'Connect the guest operating system to a private virtual network on the host computer.'), and 'Do not use a network connection'. At the bottom, there are four buttons: 'Help', '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

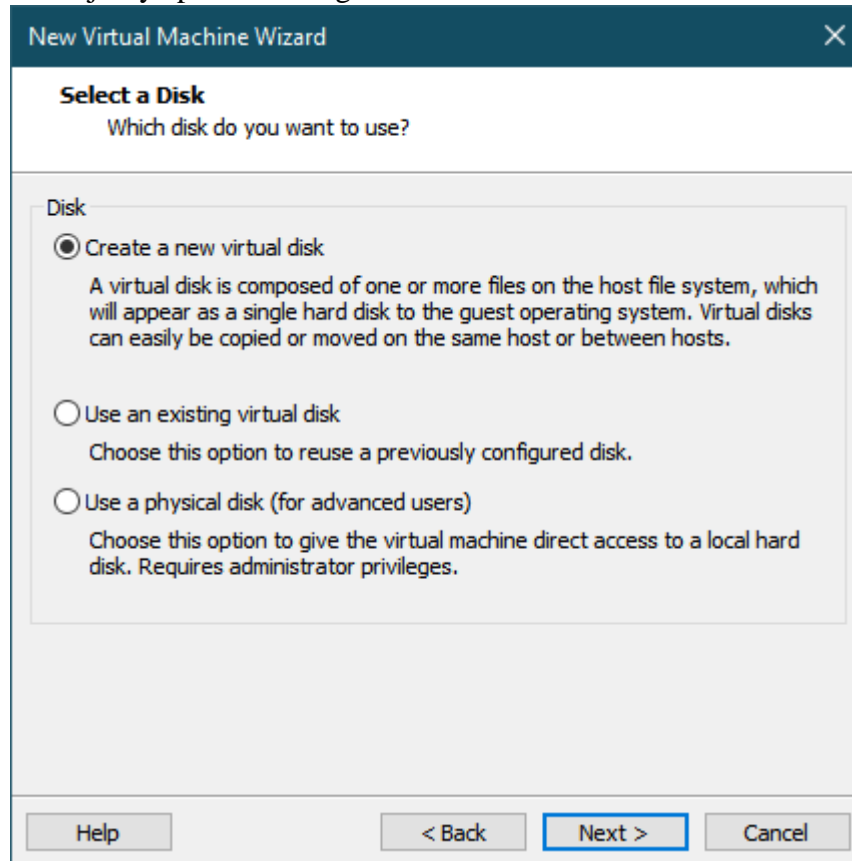
10) Pada bagian I/O Controller pilih yang bagian LSI logic



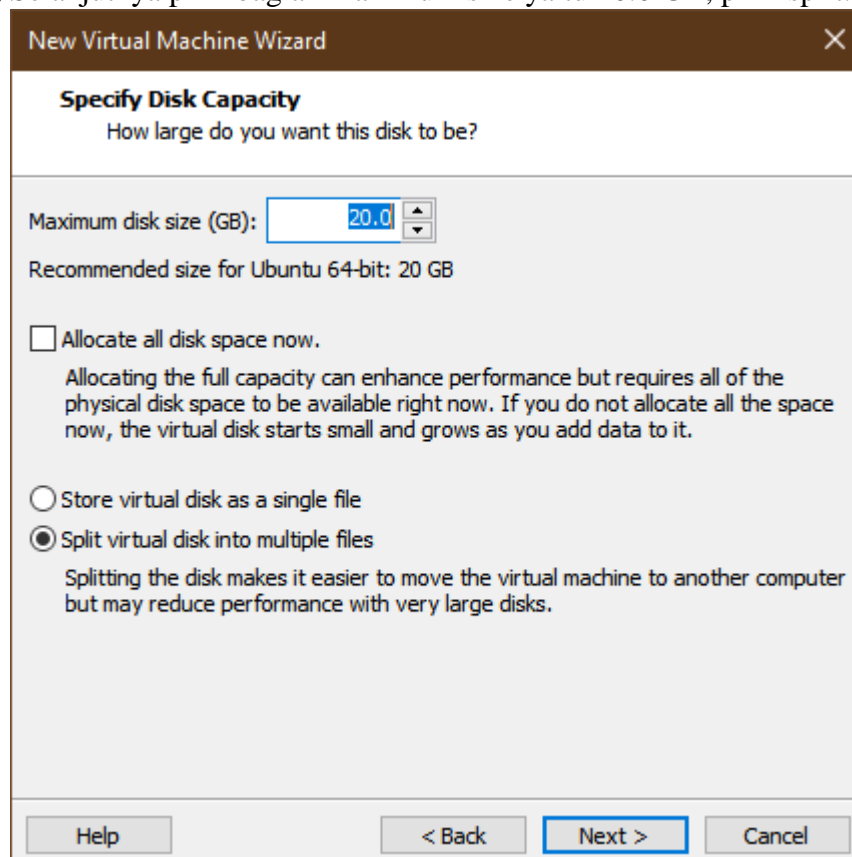
11) Selanjutnya pada disk type pilih yang SCSI



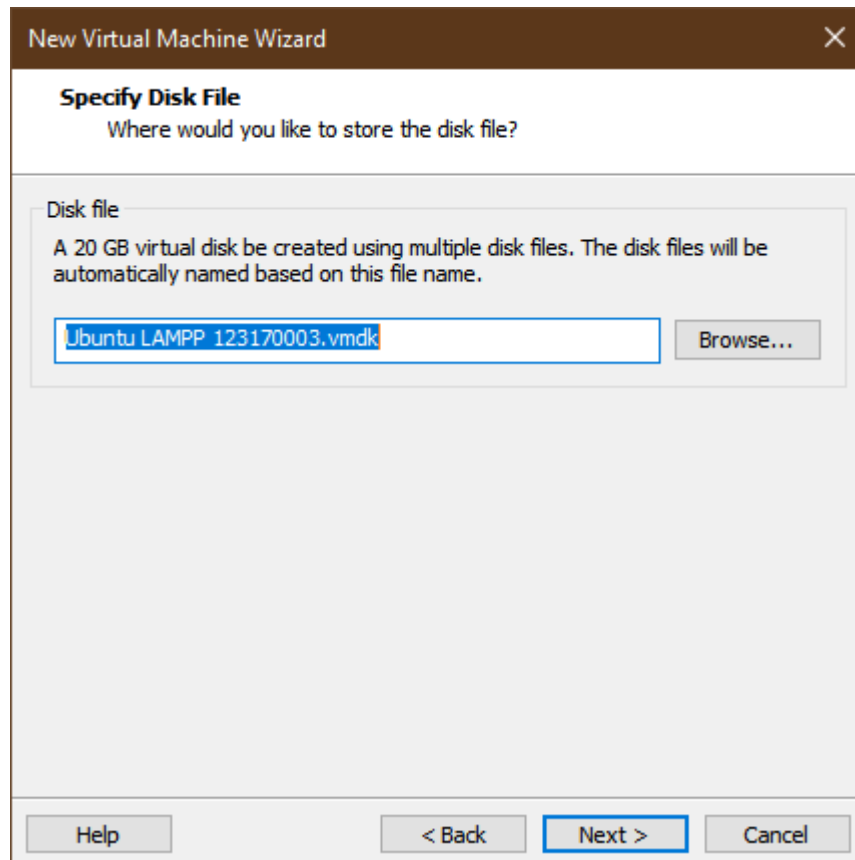
12) Selanjutnya pilih disk bagian create a new virtual disk



13) Selanjutnya pilih bagian maximum size yaitu 20.0 GB, pilih split.



14) Klik next



The image shows a screenshot of the 'New Virtual Machine Wizard' window, specifically the 'Specify Disk File' step. The window has a dark brown title bar with the text 'New Virtual Machine Wizard' and a close button (X) on the right. Below the title bar, the section is titled 'Specify Disk File' in bold, followed by the question 'Where would you like to store the disk file?'. A light gray box contains the text 'Disk file' and a description: 'A 20 GB virtual disk be created using multiple disk files. The disk files will be automatically named based on this file name.' Below this text is a text input field containing 'Ubuntu LAMP 123170003.vmdk' and a 'Browse...' button to its right. At the bottom of the window, there are four buttons: 'Help', '< Back', 'Next >' (which is highlighted with a blue border), and 'Cancel'.

New Virtual Machine Wizard

**Specify Disk File**  
Where would you like to store the disk file?

Disk file  
A 20 GB virtual disk be created using multiple disk files. The disk files will be automatically named based on this file name.

Ubuntu LAMP 123170003.vmdk Browse...

Help < Back Next > Cancel