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Pertemuan 2

Pengenalan VMware Workstation Dan Linux OS

Overview Materi :

1. Review materi pertemuan Sebelumnya
Tahapan yang dilakukan adalah yang pertama bikin kodingan menggunakan aplikasi sublime text dan buka Xampp.habis itu masuk /pergi ke link 000webhost setelah masuk kita kan mendaftar dulu habis daftar kita masuk ke beranda 000webshot dan setelah itu akan masuk ke user mebuat website distu kita akan menulis nama website sama kata sandi setelah masuk akan memasukan file yang sudah di zip setelah file nya dipilih kita upload file, setelah selesai mengupload file nya kita buka file yang sudah ada di 000webshot, setelah selesai nanti kita akan membuat nama db sama kata sandi nanti dimasukan nanti langsung ke database. Habis kita langsung buka link website yang kita buat.
2. Membuat layanan hosting (Saas) Berbasis private cloud
 - Apache
 - Mysql
 - Php
 - Phpmyadmin

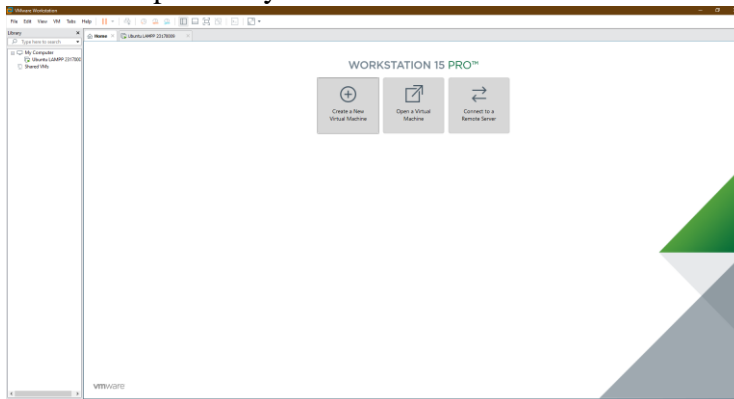
Pengenalan

Aplikasi yang kan kita gunakan Vmware server

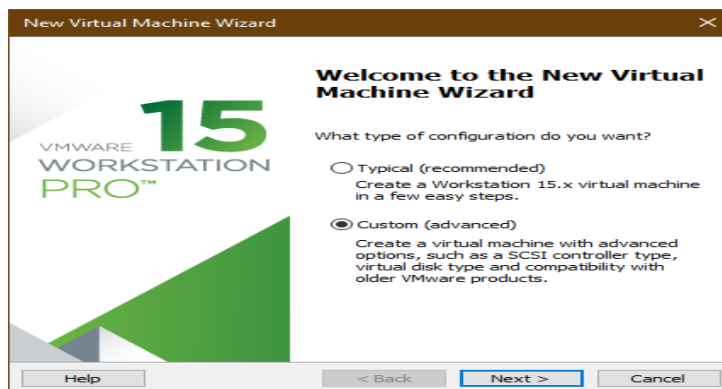
- VMware workstation digubakan untuk virtualisasi sistem operasi, Contoh : CPU,RAM,network adapter,hard disk.
- Tampilan VMware workstation
- Memanfaatkan Fasilitas swapping digunakan untuk jika ram nya tidak cukup untuk menjalankan virtualisasi vm , maka dapat digunakan opsi swap. Sehingga pada virtualisasi vm tetapa akan jalan
- Memperbaiki konflik port pada xampp
- Menentukan bridge interface
Menggunakan 3 mode jaringan
 1. Mode bridge
 2. Mode host-only
 3. Mode Nat

Tahapan Untuk parameter pembuatan VM:

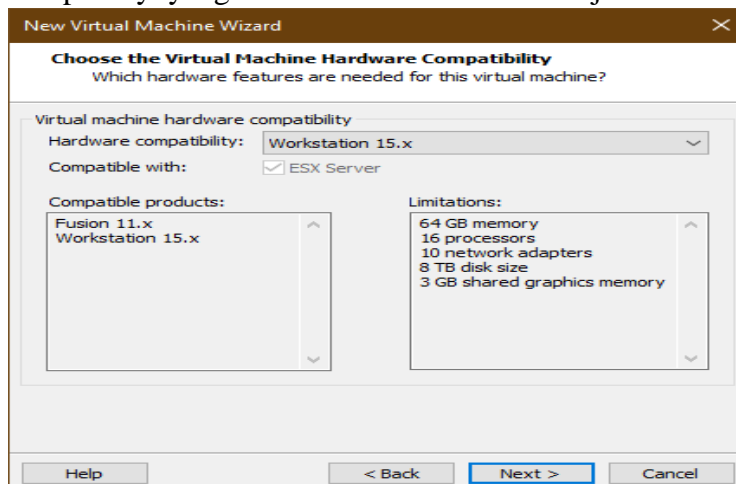
1. Kita buka aplikasi nya terlebih dahulu habis itu klik create a new



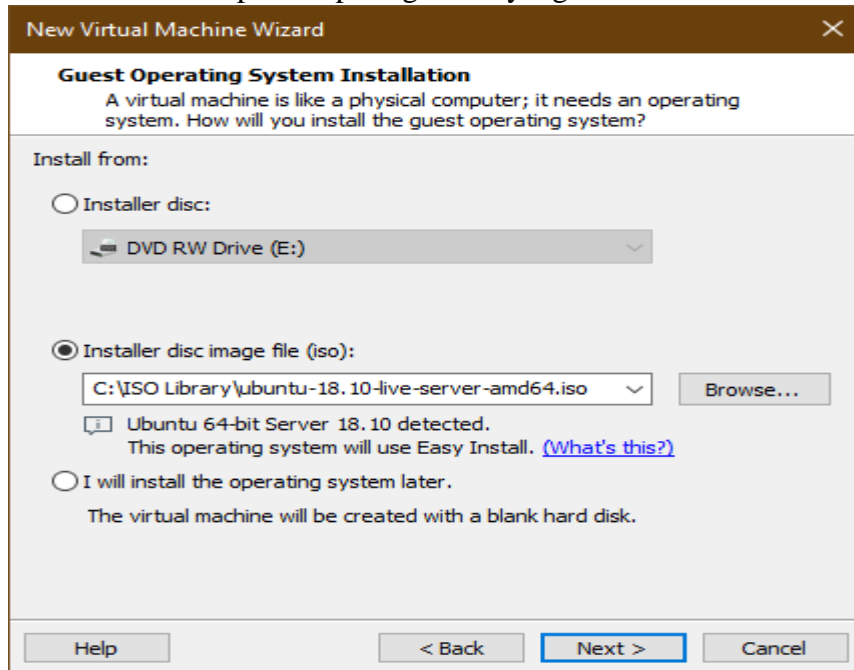
2. Maka akan tampilan gambar seperti dibawah ini kemudian pilih custom agar kita bisa mengatur sesuai yang kita inginkan, kemudian lalu klik next



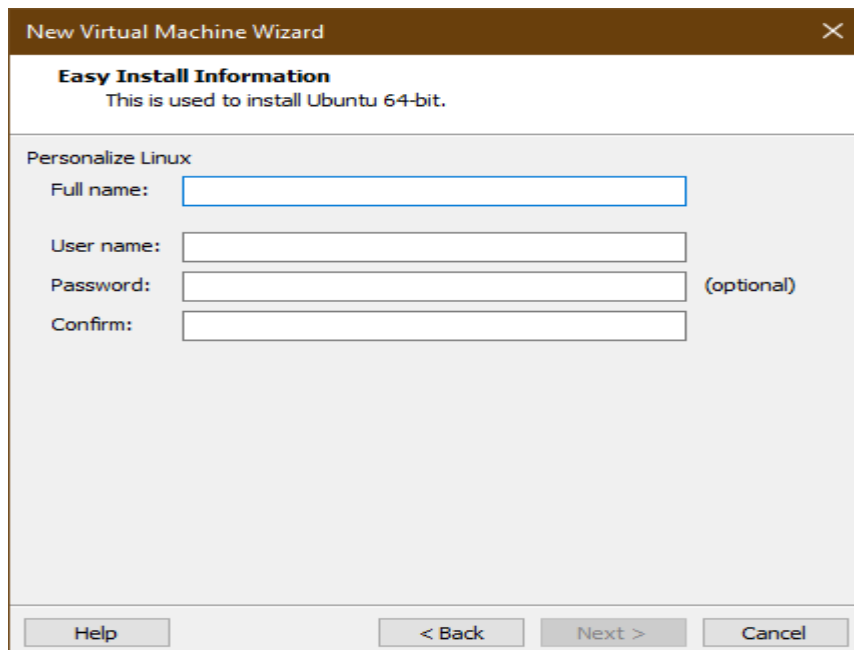
3. Setelah itu akan muncul tampilan new virtual machine dan untuk hardware compabilty yang workstation 15.x . habis lanjut ke next



4. Akan muncul tampilan seperti gambar yang dibawah ini



5. Djsini kita terserah mau kasih nama apa saja dan tidak akan terpakai dan langsung next



6. Kjfjkjfkj

New Virtual Machine Wizard

Name the Virtual Machine
What name would you like to use for this virtual machine?

Virtual machine name:

Location:

The default location can be changed at Edit > Preferences.

< Back Next > Cancel

7. Disini kita kan memilih number of processor 2, number of cores per processor 1 dan total processor nya 1.

New Virtual Machine Wizard

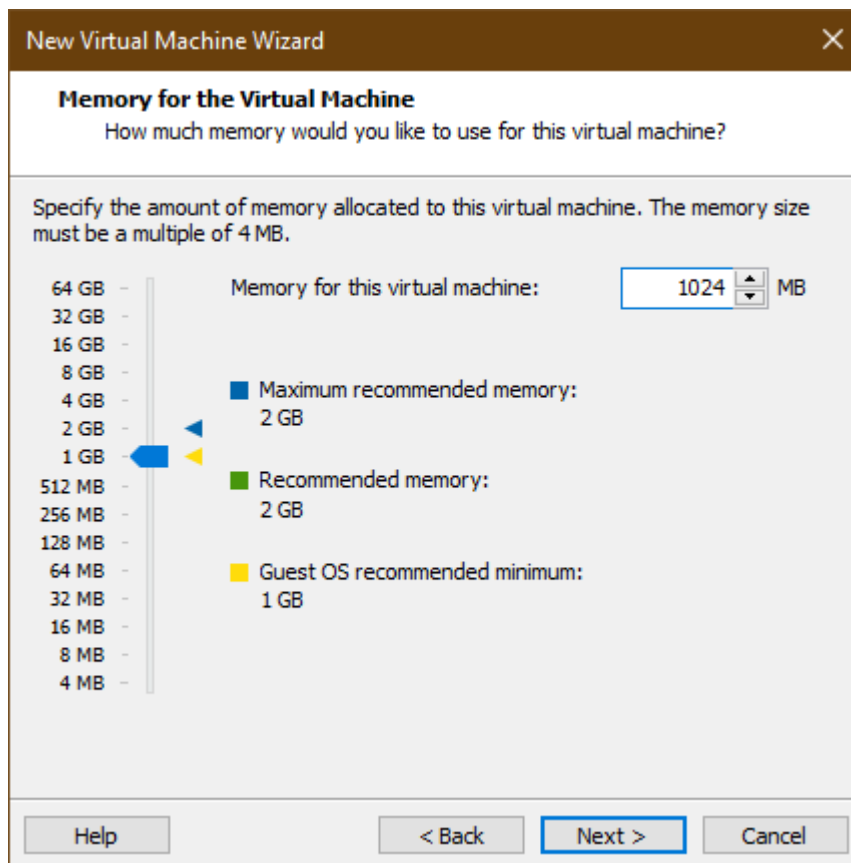
Processor Configuration
Specify the number of processors for this virtual machine.

Processors

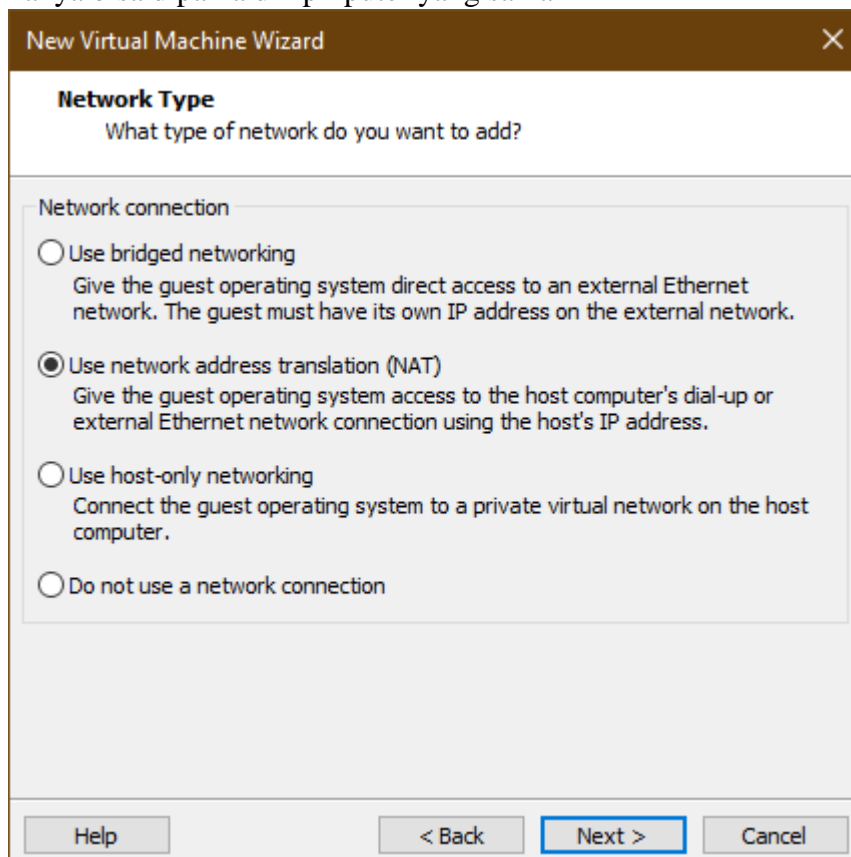
Number of processors:	<input type="text" value="2"/>
Number of cores per processor:	<input type="text" value="1"/>
Total processor cores:	2

Help < Back Next > Cancel

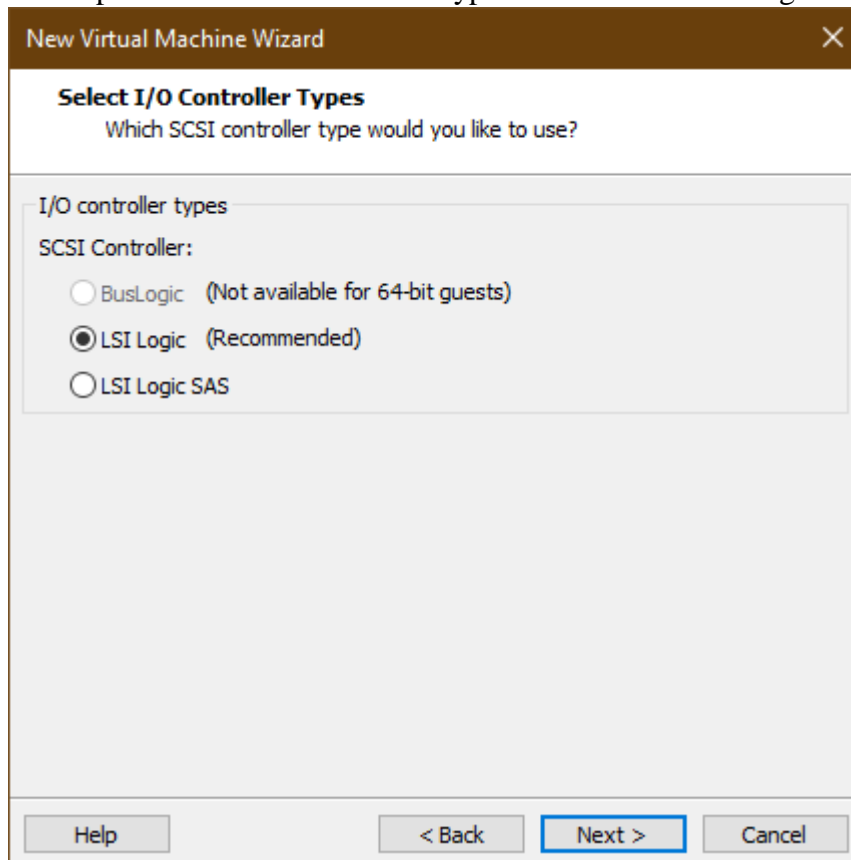
8. Atur vm sesuai yang kita inginkan disini kita memilih 1 gb



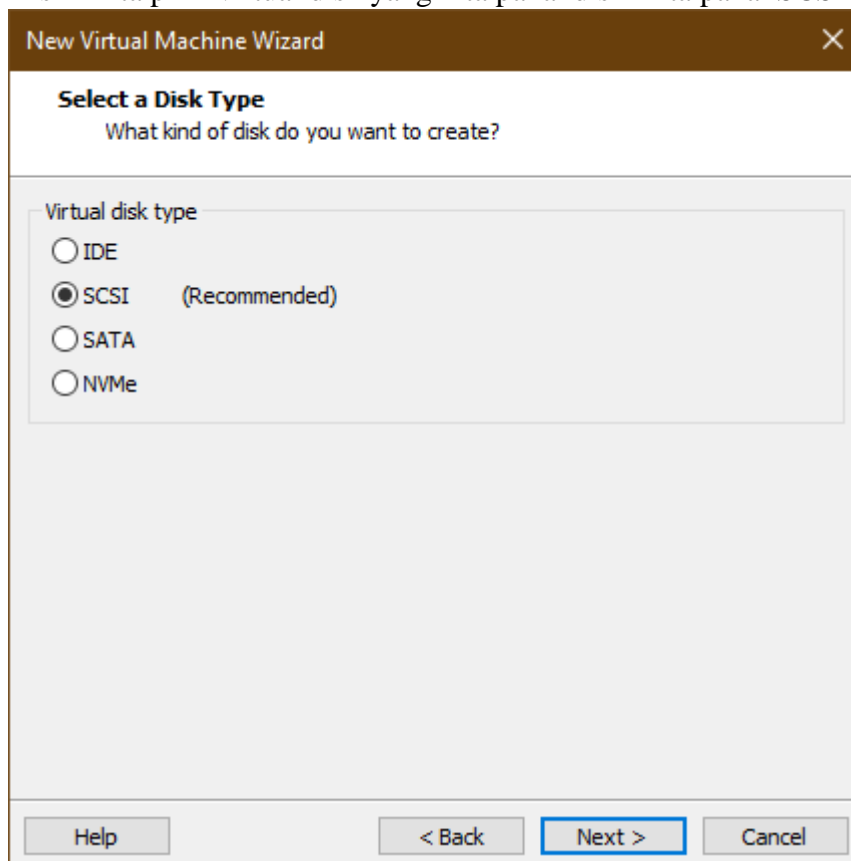
9. Disini terdapat 3 network connection kita memilih NAT karena ip nya berbeda dan hanya bisa dipakia di kpmputer yang sama



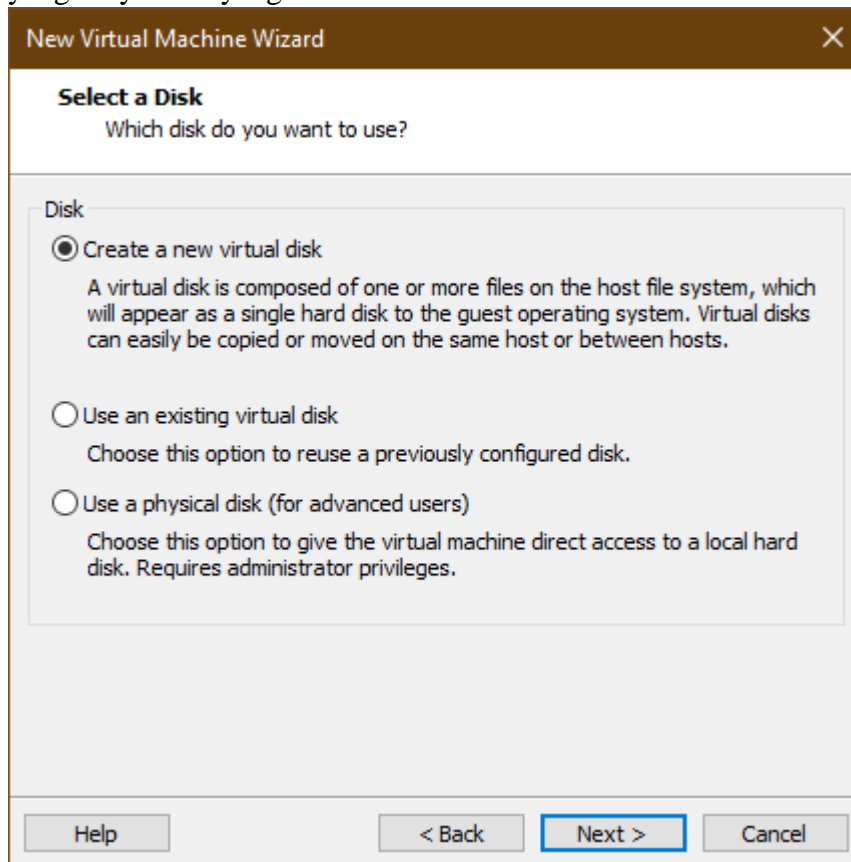
10. Di tampilan new virtual machine types kita memilih LSI logic



11. Disini kita pilih virtual disk yang kita pakai disini kita pakai SCSI lalu next



12. Disini klik create new virtual hardisk yang akan kita pakai , apakah kita memakai yang baryu atau yang lama lalu next



The screenshot shows the 'New Virtual Machine Wizard' window with the title bar 'New Virtual Machine Wizard' and a close button. The main heading is 'Select a Disk' with the subtitle 'Which disk do you want to use?'. Under the 'Disk' section, there are three radio button options: 'Create a new virtual disk' (selected), 'Use an existing virtual disk', and 'Use a physical disk (for advanced users)'. Each option has a descriptive paragraph below it. At the bottom, there are four buttons: 'Help', '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

New Virtual Machine Wizard

Select a Disk
Which disk do you want to use?

Disk

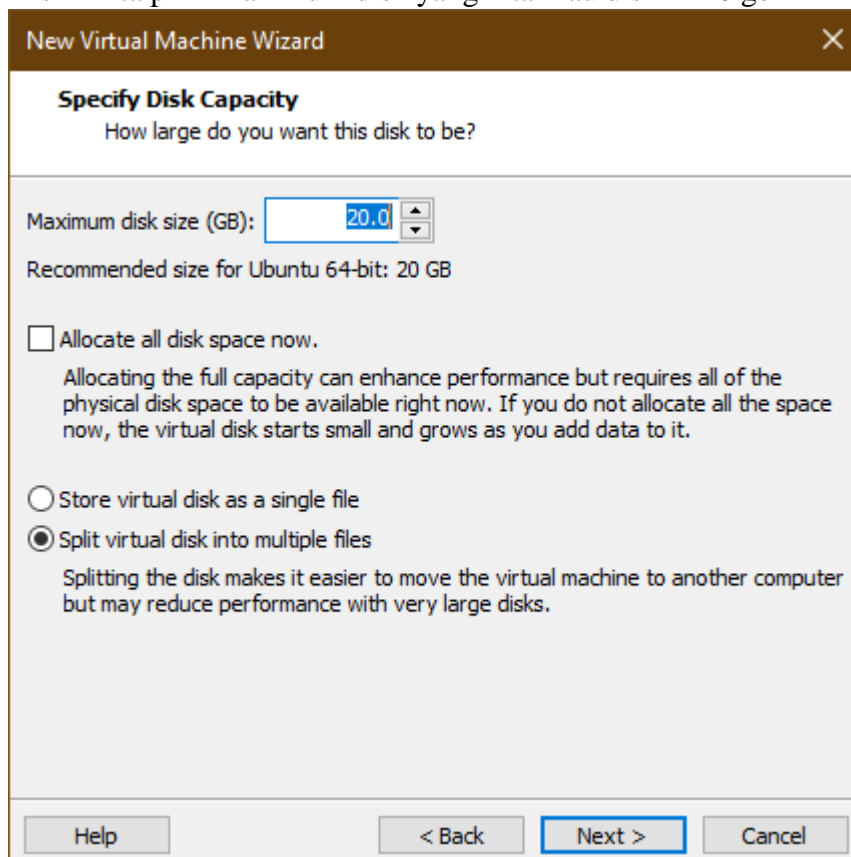
☒ Create a new virtual disk
A virtual disk is composed of one or more files on the host file system, which will appear as a single hard disk to the guest operating system. Virtual disks can easily be copied or moved on the same host or between hosts.

☐ Use an existing virtual disk
Choose this option to reuse a previously configured disk.

☐ Use a physical disk (for advanced users)
Choose this option to give the virtual machine direct access to a local hard disk. Requires administrator privileges.

Help < Back **Next >** Cancel


13. Disini kita pilih maximum disk yang kita mau disnini 20 gb



The screenshot shows the 'New Virtual Machine Wizard' window with the title bar 'New Virtual Machine Wizard' and a close button. The main heading is 'Specify Disk Capacity' with the subtitle 'How large do you want this disk to be?'. It features a text input field for 'Maximum disk size (GB):' with the value '20.0' and a spinner control. Below this, it says 'Recommended size for Ubuntu 64-bit: 20 GB'. There are three radio button options: 'Allocate all disk space now.', 'Store virtual disk as a single file', and 'Split virtual disk into multiple files' (selected). Each option has a descriptive paragraph below it. At the bottom, there are four buttons: 'Help', '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

New Virtual Machine Wizard

Specify Disk Capacity
How large do you want this disk to be?

Maximum disk size (GB): 

Recommended size for Ubuntu 64-bit: 20 GB

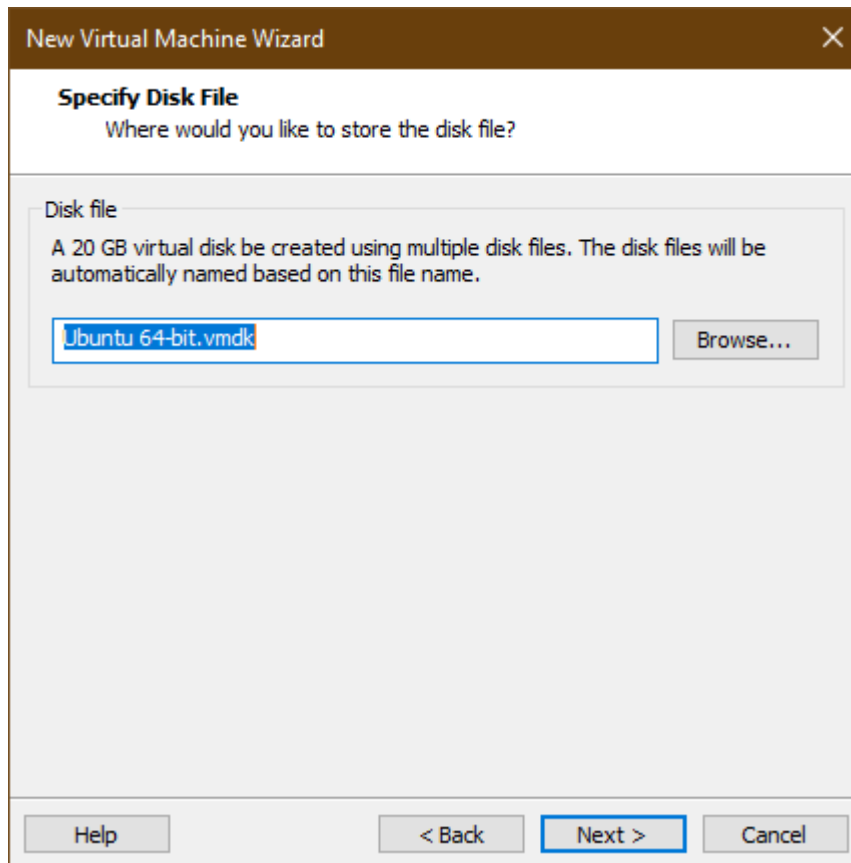
☐ Allocate all disk space now.
Allocating the full capacity can enhance performance but requires all of the physical disk space to be available right now. If you do not allocate all the space now, the virtual disk starts small and grows as you add data to it.

☐ Store virtual disk as a single file

☒ Split virtual disk into multiple files
Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

Help < Back **Next >** Cancel

14. Disi



The image shows a 'New Virtual Machine Wizard' dialog box with a brown title bar. The main title is 'Specify Disk File' in bold, followed by the question 'Where would you like to store the disk file?'. Below this, there is a section titled 'Disk file' with 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.' A text input field contains the text 'Ubuntu 64-bit.vmdk'. To the right of the input field is a 'Browse...' button. At the bottom of the dialog, there are four buttons: 'Help', '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a blue border.

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 64-bit.vmdk Browse...

Help < Back Next > Cancel