MODUL 1 INSTALASI DEBIAN

A. Debian

Debian adalah sistem operasi komputer yang tersusun dari paket-paket perangkat lunak yang dirilis sebagai perangkat lunak bebas dan terbuka dengan lisensi mayoritas GNU General Public License dan lisensi perangkat lunak bebas lainnya. Debian GNU/Linux memuat perkakas sistem operasi GNU dan kernel Linux merupakan distribusi Linux yang populer dan berpengaruh. Debian didistribusikan dengan akses ke repositori dengan ribuan paket perangkat lunak yang siap untuk instalasi dan digunakan.

Debian terkenal dengan sikap tegas pada filosofi dari Unix dan perangkat lunak bebas. Debian dapat digunakan pada beragam perangkat keras, mulai dari komputer jinjing dan desktop hingga telepon dan server. Debian fokus pada kestabilan dan keamanan. Debian banyak digunakan sebagai basis dari banyak distribusi GNU/Linux lainnya. Sistem operasi Debian merupakan gabungan dari perangkat lunak yang dikembangkan dengan lisensi GNU, dan utamanya menggunakan kernel Linux, sehingga populer dengan nama Debian GNU/Linux.

Sistem operasi Debian yang menggunakan kernel Linux merupakan salah satu distro Linux yang populer dengan kestabilannya. Dengan memperhitungkan distro berbasis Debian, seperti Ubuntu, Xubuntu, Knoppix, Mint, dan sebagainya, maka Debian merupakan distro Linux yang paling banyak digunakan di dunia.Sebuah repositori software adalah lokasi penyimpanan dari paket perangkat lunak dapat diambil dan diinstal pada komputer.

B. Instalasi Debian di VirtualBox

- a. Siapkan PC yang akan digunakan
- b. Buka aplikasi virtualbox



c. Buatkan virtual computer baru dengan cara klik menu Machine \rightarrow New

V	Dracl	e VM VirtualBox Manager		- 🗆 ×
<u>F</u> ile	Ma	chine <u>H</u> elp		
1	਼	<u>N</u> ew	Ctrl+N	🖡 🕁 📥 .
	÷	<u>A</u> dd	Ctrl+A	1gs Discard Start
64	\$	<u>S</u> ettings	Ctrl+S	Preview
		Cl <u>o</u> ne	Ctrl+O	Ubuntu m: Ubuntu (64-bit)
		Move		
		Export to OCI		4096 MB
	ð	Group		Floppy, Optical, Hard Disk VT:x/AMD-V, Nested Paging, KVM
	\	S <u>t</u> art	•	- Paraviruaikauun
		<u>P</u> ause		
	C	<u>R</u> eset		16 MB
	6	<u>C</u> lose	►.	iller: VMSVGA Server: Disabled
	≣	Tools	•	Disabled
	➾	D <u>i</u> scard Saved State		1
	Ū	Show <u>L</u> og	Ctrl+L	
	Ð	Re <u>f</u> resh		
	II.	S <u>h</u> ow in Explorer		
	5	Create Shortcut on Desktop		
	B	Sort		
	\mathbf{Q}	S <u>e</u> arch	Ctrl+F	

d. Berilah nama untuk computer virtual yang telah dibuat

		?	×				
← Create Vi	rtual Machine						
Name and c	Name and operating system						
Please choose a machine and sele name you choos	Please choose a descriptive name and destination folder for the new virtual machine and select the type of operating system you intend to install on it. The name you choose will be used throughout VirtualBox to identify this machine.						
Name:	Server Debian						
Machine Folder:	C:\Users\Q\VirtualBox VMs		~				
<u>T</u> ype:	Linux		- 64				
<u>V</u> ersion:	Debian (64-bit)		-				
	Expert Mode <u>N</u> ext		Cancel				

e. Tentukan besar memory yang akan digunakan. Untuk memory diusahakan jangan sampai melewati batas gari hijau yang ada. Karena memory setiap computer berbeda.

						?	X
\leftarrow	Create Virtua	al Machin	ne				
	Memory size						
	Select the amount of machine.	memory (RA	.M) in	megabytes to l	be alloca	ated to the	virtual
	The recommended m	emory size is	102	4 MB.			
						1024	🖨 MB
	4 MB				8192	мв	
				<u>N</u> ext		Cano	cel
Lan	gkah selajutnya	membua	t har	d disk virt	ual		
					?	\times	
←	Create Virtual	Machine					
I	Hard disk						
	If you wish you can ad create a new hard disk using the folder icon.	d a virtual han file or select or	d disk ne fror	to the new mac n the list or from	hine. You another	u can either location	
	If you need a more con changes to the machine	plex storage s settings once	set-up the ma	you can skip thi achine is created	is step ar	id make the	
	The recommended size	of the hard dis	sk is 8 ,	,00 GB.			
	Do not add a virtua	l hard disk					
	Create a virtual han	d disk now					
	Use an existing virtu	ual hard disk fi	ile				
	Ubuntu.vhd (Norr	nal, 10,00 GB)				•	
				Create		Cancel	
			_				-)

f.

Pilih create a virtual hard disk now kemudia pilih create

	?	×
← Create Virtual Hard Disk		
Hard disk file type		
Please choose the type of file that you would like to use for i disk. If you do not need to use it with other virtualization so this setting unchanged.	the new vi ftware you	rtual hard I can leave
VDI (VirtualBox Disk Image)		
VHD (Virtual Hard Disk)		
VMDK (Virtual Machine Disk)		
Expert Mode <u>N</u> ext	C	ancel

Pilih tipe hard disk menggunakan VHD (Virtual Hard Disk)

	?	\times
← Create Virtual Hard Disk		
Storage on physical hard disk		
Please choose whether the new virtual hard disk file should grow as it (dynamically allocated) or if it should be created at its maximum size (is used fixed size).	
A dynamically allocated hard disk file will only use space on your ph as it fills up (up to a maximum fixed size), although it will not shrink a automatically when space on it is freed.	iysical hard again	disk
A fixed size hard disk file may take longer to create on some systems faster to use.	but is ofte	n
O Dynamically allocated		
○ <u>F</u> ixed size		
Next	Can	cel

Pilih Dynamic Aloocated kemudian klik next

	? >
Create Virtual Hard Disk	
File location and size	
Please type the name of the new virtual the folder icon to select a different folde	hard disk file into the box below or click on er to create the file in.
C:\Users\Q\VirtualBox VMs\Server Debia	an\Server Debian.vhd
amount of file data that a virtual machin	ne will be able to store on the hard disk.
	8,00 G
4,00 MB	2,00 TB
4,00 MB	2,00 TB
4,00 MB	2,00 TB



Virtual computer telah selesai dibuat dan siap untuk digunakan.

Sebelum memulai instalasi, agar instalasi berjalan dengan cepat, matikan terlebih dahulu jaringan pada virtual computer.

Masuk menu Machine \rightarrow Setting atau klik pada icon Setting.

😳 Server Debian - Sett	lings	?	×
General	Network		
System	Adapter <u>1</u> Adapter <u>2</u> Adapter <u>3</u> Adapter <u>4</u>		
Display	Enable Network Adapter		
Storage	Attached to: NAT		
🕩 Audio	<u>N</u> ame:		•
Network	Advanced		
Serial Ports			
<i> S</i> USB			
Shared Folders			
User Interface			
	ОК	Can	ncel

Kemdian pilih menu Network dan hilangkan cetang pada **Enable Network Adapter** pada **Adapter 1**

0	Server Debian - Settings						?	×		
	General	Network	Network							
	System	Adapter <u>1</u>	Adap	ter <u>2</u>	Adapter 3	Adapter <u>4</u>				
	Display	<u>E</u> nable Net	work	Adapte	r					
	Storage	<u>A</u> ttached	to:	NAT			Ŧ			
	Audio	<u>N</u> ar	ne:							•
	Network	▷ A <u>d</u> vano	ed							
	Serial Ports									
Ø	USB									
	Shared Folders									
	User Interface									
							(
							l	ОК	Car	icel

Setelah itu klik OK.

Untuk memulai sebuah virtual computer, pilih virtual computer yang akan digunakan kemudian klik tombol **start** atau masuk pada menu **Machine** \rightarrow **Start** \rightarrow **Normal Start**.

Pada awal virtual computer dijalankan, maka computer akan meminta untuk memilih sebuah DVD virtual (File ISO).

		?	×
\leftarrow	Select start-up disk		
	Please select a virtual optical disk file or a physical opt containing a disk to start your new virtual machine from	ical driv m.	e
	The disk should be suitable for starting a computer from should contain the operating system you wish to instal virtual machine if you want to do that now. The disk we ejected from the virtual drive automatically next time y the virtual machine off, but you can also do this yourse using the Devices menu.	om and I on the vill be vou swit elf if nee	ch eded
	ubuntu-21.04-desktop-amd64.iso (2,63 GB)	•	
	Start	Canc	el

Klik icon folder untuk memilih DVD virtual yang akan digunakan.

Optical Disk Selector			? ×
Medium			
Add Create Refresh			
Name Virtual Size			
✓ Not Attached			
ubuntu-21.04-desktop-amd64.iso 2,63 GB			
Search By Name			
Search by Name 👻			
	Choose	Leave Empty	Cancel

Klik tombol add untuk menambahkan Virtual DVD yang akan digunakan

please choose a virtu	al optical disk file			×
$\leftrightarrow \rightarrow \checkmark \uparrow$	e → This PC → Data (D:) → File ISO			C Search File ISO
Organize 🔻 New	folder			≣ - ■ 🔋
✓ ■ This PC	^ Name ^	Date modified	Туре	Size
Deskton	_Getintopc.com_W10X64.10in1.ENU.MAR	01/04/2021 11:32	Disc Image File	5.191.072 KB
	Getintopc.com_WIN7DUAL.en-US.JUNE	02/08/2021 13:37	Disc Image File	7.920.224 KB
	🧿 debian-8.4.0-i386-CD-1	14/09/2021 15:02	Disc Image File	662.528 KB
Music	🧃 debian-8.11.1-amd64-netinst	14/09/2021 14:31	Disc Image File	257.024 KB
> 🕡 Music	📑 debian-8.11.1-i386-netinst	14/09/2021 14:28	Disc Image File	328.704 KB
> N Pictures	📄 kali-linux-2020.4-installer-amd64	28/12/2020 09:48	Disc Image File	4.199.580 KB
> 🚺 Videos	Microsoft Office Professional Plus 2013 V	12/11/2012 00:59	Disc Image File	725.466 KB
> 🛅 OS (C:)	📄 ubuntu-21.04-desktop-amd64	23/08/2021 12:12	Disc Image File	2.752.674 KB
> 🗂 Data (D:)	Windows_11_Dev_Build_21996.1_With_Of	06/07/2021 16:23	Disc Image File	7.936.128 KB
> 👝 Data2 (E:)				
F	ile <u>n</u> ame: debian-8.4.0-i386-CD-1			→ All virtual optical disk files (*.dr →
				Open Cancel

Pilih salah satu file (Debian-8.4.0-i386-CD-1). Setelah itu klik Open.

Optical Disk Selector		?	X
Medium			
Add Create Refresh			
Name	Virtual Size		
 Not Attached 			
debian-8.4.0-i386-CD-1.iso	647,00 MB		
ubuntu-21.04-desktop-amd64.iso	2,63 GB		
Search By Name 🔻		💫	\mathbf{s}
	Choose Leave Empty	Cance	1

File yang akan digunakan telah masuk, kemudian klik **Choose**.

		?	×				
~	Select start-up disk						
	Please select a virtual optical disk file or a physical o containing a disk to start your new virtual machine fi	ptical di rom.	rive				
	The disk should be suitable for starting a computer from and should contain the operating system you wish to install on the virtual machine if you want to do that now. The disk will be ejected from the virtual drive automatically next time you switch the virtual machine off, but you can also do this yourself if needed using the Devices menu.						
	debian-8.4.0-i386-CD-1.iso (647,00 MB)	•	• 🔼				
	Start	Car	ncel				

Setelah file yang dipilih sudah benar, kemudian klik Start.



Computer berhasil berjalan dan masuk pada Bootable Debian-8.4.0, kemudian pilih Graphical Install untuk mempermudah instalasi. Tekan enter untuk mulai instalasi.

R	Server Debian [Ru	inning] - Or	acle VN	l Vir	alBox	-		×
Fil	e Machine Vie	w Ir	nput	Devic	25	lelp			
							O	debia	n ⁸
	Select a langua	age							
	Choose the lar default langua Language:	ngua age f	age t for th	o be ne ins	use tal	for the installation process. The selected land d system.	guage will also b	e the	
	Chinese (Simp	olifie	d)		中文	前体)			^
	Chinese (Trad	itior	ial)	- 6	中文	を1世)			
	Croatian			- I	Irv	ski			
	Czech			- (Češ	na			
	Danish			- 1)ar	k			
	Dutch			- 1	leo	rlands			
	Dzongkha			- 1	É (PI				
	English			- 6	ing	sh			
	Esperanto			- E	sp	ranto			
	Estonian			- I	es				
	Finnish			- 9	Suc	i			
	French			- I	ra	ais			
	Galician			- (Gal	Jo			
	Georgian			- :	არ	ელი			
	German			- [)et	sch			
	Greek			- 1		λικά 			
	Screenshot						Go Back	Continu	e
						🖸 🔾 🛄	7 🖉 🗆 🖻 🖶 M 🖉	🔊 💽 Riaht	Ctrl .:

Pilih Bahasa yang digunakan untuk instalasi, untuk pilihan di atas menggunakan Bahasa inggris (English). Kemudian klik **Continue**.

🔞 Server Debian [Running] - Oracle VM VirtualBox	-	- (
File Machine View Input Devices Help			
	0	de	ebian [®]
Select your location			
The selected location will be used to set your time zone and also for example to help s locale. Normally this should be the country where you live.	elect th	ne sys	tem
This is a shortlist of locations based on the language you selected. Choose "other" if y listed. Country, territory or area:	our loc	ationi	is not
Canada Hong Kong India Ireland New Zealand Nigeria Philippines Singapore South Africa United Kingdom United States Zambia			
Zimbabwe other			\checkmark
Screenshot Go B	ack	Cor	ntinue
🖸 🖸 🛄 🗗 🖉 🛄 🖡	9 🗗 🛛	🔇 🕑	Right Ctrl

Pilihlah lokasi saat ini, untuk memilih Indonesia, bisa menggunakan Other \rightarrow klik continue \rightarrow Asia \rightarrow klik Continue \rightarrow Indonesia. Klik continue untuk melanjutkan ke proses selanjutnya.

🔞 Server Debian [Running] - Or	acle VM VirtualBox	– 🗆 ×
File Machine View Input	Devices Help	
		debian ⁸
Configure locales		
There is no locale defin select your preference is listed in the second Country to base default l	ed for the combination of language and country you have selected from the locales available for the selected language. The locale th column. ocale settings on:	. You can now at will be used
Antigua ana barbada		
Australia	- en_AU.UTF-8	
Botswana	- en_BW.UTF-8	
Canada	- en_CA.UTF-8	
Hong Kong	- en_HK.UTF-8	
India	- en_IN	
Ireland	- en_IE.UTF-8	
New Zealand	- en_NZ.UTF-8	
Nigeria	- en_NG	
Philippines	- en_PH.UTF-8	
Singapore	- en_SG.UTF-8	
South Africa	- en_ZA.UTF-8	
United Kingdom	- en_GB.UTF-8	
United States	- en_US.UTF-8	
Zambia	- en_ZM	
Zimbabwe	- en_ZW.UTF-8	
Screenshot Help	Go Back	Continue
		Right Ctrl 🐰

Pilih United States dan klik continue

Server Debian [Running] - Oracle VM VirtualBox File Marking View leave Devices Links	-	
File Machine View input Devices Help	O	debian ⁸
Configure the keyboard		
Keymap to use:		
American English		
Albanian		
Arabic		
Asturian		
Bangladesh		
Belarusian		
Bengali		
Belgian		
Bosnian		
Brazilian		
British English		
Bulgarian		
Canadian French		
Canadian Multilingual		
Catalan		
Chinese		~
Screenshot	Go Back	Continue
▶		Right Ctrl

Untuk konfigurasu keyboard, pilih American English dan klik Continue.



Proses instalasi berlangsung

🔞 Server Debian [Running] - Oracle VM VirtualBox	_		×
File Machine View Input Devices Help			
	Ø	debia	n ⁸
Detect network hardware			
No Ethernet card was detected. If you know the name of the driver needed by your Et can select it from the list. Driver needed by your Ethernet card:	thernet ca	rd, you	
26500: 2Com Ethodink III			
2c515: 2Com 2c515 "Corkscrew" Ethernet			
3c574 cs: 3Com 3c574 series PCMCIA Ethernet			
3c589 cs: 3Com 3c589 series PCMCIA Ethernet			
3c59x: 3Com 3c59x/3c9xx PCI Ethernet			
8139cp: RealTek RTI -8139C+ series 10/100 PCI Ethernet			
8139too: RealTek RTL-8139 Fast Ethernet			
8390: National Semiconductor 8390 Ethernet			
8390p			
acenic			
adm8211			
airo: Cisco/Aironet ISA/PCI 802.11			
airo_cs: Cisco/Aironet PCMCIA 802.11			
alx			
amd8111e: AMD8111 based 10/100 Ethernet			~
Screenshot Go	Back	Continu	ie
🖸 🖸 💭 🛄 🖉 🗌) 🖸 💾 🕅 🤇	🔊 💽 Right	Ctrl

Pilih no ethernet card (karena kita telah mematikan jaringan pada computer ini, yang nantinya akan kita atur manual setelah proses instalasi berhasil)

📷 Server Debian [Running] - Oracle VM VirtualBox	-	o ×
File Machine View Input Devices Help		
	O	debian®
Configure the network		
No network interfaces detected No network interfaces were found. The installation system was unable t	to find a netwo	k device.
You may need to load a specific module for your network card, if you hav to the network hardware detection step.	ve one. For this,	go back
Screenshot	Go Back	Continue
	0 🗆 😐 🖓 🔇	🔊 💽 Right Ctrl 🔡

Pilih continue untuk melanjutkan instalasi.

🔞 Server Debian [Running] - Oracle VM VirtualBox	_		×
File Machine View Input Devices Help			
	d	lebia	n ⁸
Configure the network			
Please enter the hostname for this system.			
The hostname is a single word that identifies your system to the network. If you don't know hostname should be, consult your network administrator. If you are setting up your own hon you can make something up here. Hostname:	what ne net	your work,	
debian			
Screenshot Go Back	Co	ontinu	e
	1 🚫 💽	Right	Ctrl 🔐

Beri nama untuk systemnya. Untuk bawaan atau default hostname : Debian. Klik continue untuk melanjutkan.

Server Debian [Running] - Oracle VM VirtualBox		- 0 X
File Machine View Input Devices Help		
	O	debian®
Set up users and passwords		
You need to set a password for 'root', the system administrative account with root access can have disastrous results, so you should take care to not easy to guess. It should not be a word found in dictionaries, or a wor associated with you. A good password will contain a mixture of letters, numbers and punctuat regular intervals. The root user should not have an empty password. If you leave this empt disabled and the system's initial user account will be given the power to command. Note that you will not be able to see the password as you type it. <i>Root password:</i>	:. A malicious or und choose a root pass rd that could be eas ion and should be o ty, the root account become root using	jualified user sword that is sily changed at will be the "sudo"
Please enter the same root password again to verify that you have typed Re-enter password to verify:	d it correctly.	
Screenshot	Go Back	Continue
	2 💿 🛄 🤌 💷 🕒 🕻	🛛 🚫 💽 Right Ctrl

Pada Langkah ini, buat password untuk Super Admin atau Super User. Password ini akan digunakan setiap kali akan melakukan modifikasi pada computer. Setelah menuliskan password, klik continue untuk melanjutkan.

📷 Server Debian [Running] - Oracle VM VirtualBox	-	
File Machine View Input Devices Help		
		debian ⁸
Set up users and passwords		
A user account will be created for you to use instead of the root account for non-administra	ative	activities.
Please enter the real name of this user. This information will be used for instance as defau emails sent by this user as well as any program which displays or uses the user's real nam name is a reasonable choice.	lt ori e. Yo	gin for ur full
Full name for the new user:		
rizki wijaya		
Screenshot Go Back		Continue
D 🖸 🕐 🛄 🖉 🗐 🕮		🔁 Right Ctrl 🔡

Tuliskan nama untuk pengguna computer. Klik continue untuk melajutkan

Modul Administrasi Sistem Jaringan Kelas XI

🗃 Server Debian [Running] - Oracle VM VirtualBox	_		×
File Machine View Input Devices Help			
)	debia	n ⁸
Set up users and passwords			
Select a username for the new account. Your first name is a reasonable choice. The usern start with a lower-case letter, which can be followed by any combination of numbers and case letters. Username for your account:	ame sl nore lo	hould ower-	
Screenshot Go Back		Continu	le
	7 🛛 🚫	🛃 Right	Ctrl

Tuliskan nama akun yang akan digunkana untuk login ke Debian nantinya. Klik continue untuk melanjutkan.

📷 Server Debian [Running] - Oracle VM VirtualBox	_		×
File Machine View Input Devices Help			
	0	debia	n ⁸
Set up users and passwords			
A good password will contain a mixture of letters, numbers and punctuation and should regular intervals.	d be chan	iged at	
Choose a password for the new user:			
Please enter the same user password again to verify you have typed it correctly.			
Re-enter password to verify:			_
Screenshot Go Ba	ack	Continu	le
	a 🖳 🕅 🕫	Diaht	Ctrl

Buat password untuk akun yang telah dibuat tadi. Bisa disamakan dengan password Super Admin atau Super User.



Konfigurasi jam untuk computer, pilih western karena kita berada di pulau jawa. Klik continue untuk melanjutkan.

🐻 Server Debian [Running] - Oracle VM VirtualBox	_	· 🗆	×
File Machine View Input Devices Help			
	9	debia	an®
Partition disks			
The installer can guide you through partitioning a disk (using different standard scheme prefer, you can do it manually. With guided partitioning you will still have a chance later customise the results.	s) or, to rev	if you iew and	
If you choose guided partitioning for an entire disk, you will next be asked which disk sh Partitioning method:	ouldt	oe used.	
Guided - use entire disk			
Guided - use entire disk and set up LVM			
Guided - use entire disk and set up encrypted LVM			
Manual			
Screenshot Go Bac	k	Contin	Je
· · · · · · · · · · · · · · · · · · ·			

Pilih Guide – Use Entri Disk untuk melakukan partisi hardisk. Klik continue untuk melanjutkan.

Modul Administrasi Sistem Jaringan Kelas XI

🐻 Server Debian [Running] - Oracle VM VirtualBox	_		×
File Machine View Input Devices Help			
)	debia	n ⁸
Partition disks			1
Note that all data on the disk you select will be erased, but not before you have confirmed really want to make the changes. Select disk to partition:	l that	you	
SCSI1 (0,0,0) (sda) - 8.6 GB ATA VBOX HARDDISK			
			3
Screenshot Go Back		Continu	е
	800	👌 🕑 Right	Ctrl

Pilih hardisk yang akan digunakan dan klik continue untuk melanjutkan.

Carlo Server Debian [Running] - Oracle VM VirtualBox	- 0 X
File Machine View Input Devices Help	
	debian ⁸
Partition disks	,
Selected for partitioning:	
SCSI1 (0,0,0) (sda) - ATA VBOX HARDDISK: 8.6 GB	
The disk can be partitioned using one of several different schemes. If yo one.	ou are unsure, choose the first
Partitioning scheme:	
All files in one partition (recommended for new users)	
Separate /nome partition Separate /home, /var, and /tmp partitions	
Screenshot	Go Back Continue
	🖸 💿 🛄 🤌 🗐 🗐 🖶 🕅 🚫 💽 Right Ctrl

Pilih All Files in One Partition dan klik continue.

0	Server Debia	an (Runn	ing] - Or	acle VM Vi	rtualBox									_		×
File	Machine	View	Input	Devices	Help											
													C		debi	an®
Р	artition d	lisks														
	This is an d (file systen	overviev n, mour	v of you nt point,	ir curren . etc.), a	tly configu free space	red pa e to cr	artitions a eate part	nd moi itions,	unt point or a devi	ts. Selei ice to ir	ct a pa nitialize	its pa	to mod rtition t	dify its s table.	settings	
	Guided Configu Configu Configu Configu	l partil ure so ure the ure en ure iS(ioning ftware e Logic crypte CSI volu	RAID al Volun d volum imes	ne Manag es	er										
	≠ scsii (0, 0, 0)	(sda) -	8.6 GB /	ATA VBOX	HARD	DISK									
	>	#1	prima	ry	8.2 GB	f	ext4	/								
	>	#5	logica	al 40	1.6 MB	f	swap	sv	vap							
	Undo c	hange	stopa	artitions	1											
	Finish	partiti	oning a	and writ	e change	sto	disk									
5	Screensh	ot	Help	•								G	o Back		Contin	ue
											0	0		9010	🕑 🔁 Righ	t Ctrl

Pilih finish partition dan write change to disk dan klik continue untuk melanjutkan.

0	Server Debia	n [Runn	ing] - Oi	racle VM Vi	rtualBox		-				-	- C	C	<
File	Machine	View	Input	Devices	Help						2			
											0	de	bian	8
Р	artition d	isks												
l f	f you cont urther ch	inue, anges	the ch manu	anges li ally.	sted belo	w will be	e written to	o the disk	ks. Otherv	vise, you	will be a	able to	make	
1	he partiti SCSI1 (0,	ion tal 0,0) (s	bles of sda)	the foll	owing de	vices are	e changed:							
1	he follow partition partition Write the c	ing pa #1 of #5 of hange	stition SCSI1 SCSI1 s to dis	ns are go (0,0,0)((0,0,0)(ks?	oing to bo sda) as e sda) as s	e formatt xt4 wap	ed:							
0	No													
0	Yes													
														R
_														
9	creensho	t										Con	tinue	
									2 0		0 🖶 🛛	(S) 💽 F	Right Ctr	1

Pilih yes dan klik continue untuk melanjutkan instalasi.



Proses instalasi berlangsung, tunggu hingga selesai.

Server Debian [Running] - Oracle VM VirtualBox	– 🗆 X
File Machine View Input Devices Help	6
	debian ⁸
Configure the package manager	
Your installation CD or DVD has been scanned; its label is:	
Debian GNU/Linux 8.4.0 Jessie Official i386 CD Binary-1 20160402-13:26	
You now have the option to scan additional CDs or DVDs for use by the package man these should be from the same set as the installation CD/DVD. If you do not have any DVDs available, this step can just be skipped.	ager (apt). Normally y additional CDs or
If you wish to scan another CD or DVD, please insert it now. Scan another CD or DVD?	
○ Yes	
Screenshot Go	Back Continue
🖸 💿 🛄 🖉 🗍	🗌 🖳 🚰 🛐 🚫 💽 Right Ctrl

Pilih No, dan klik continue untuk melanjutkan

0	Server Debia	n (Runni	ing] - Or	acle VM Vi	rtualBox								_		×
File	Machine	View	Input	Devices	Help										
					Ş							O		debia	an®
С	onfigure t	he pa	ckage	manage	er										
/ 1	A network nake new	mirroi er vers	r can b sions o	e used of softw	to suppl are avail	ement t able.	the soft	ware t	hat is inc	luded on	the CI	D-ROM. T	his I	may als	0
	'ou are ins jood Inter lesktop ei	stallin net co nviron	g from nnect ment.	a CD, w ion, use	hich con of a mir	tains a ror is re	limited ecomme	selecti ended, (on of pacespecially	ckages. l y if you p	Jnless Ian to	you don install a	't ha gra	ave a phical	
t	lote that he install Use a netw	using ation. ork mir	a mirro	or can re	esult in a	large	amount	of data	a being d	ownload	ed dur	ing the i	next	step of	F
0	No														
0) Yes														
	creensho	t									G	o Back		Contin	ue
										20	0 🛄 🧷 🛛		3	🕑 Righ	t Ctrl

Pilih No, dan klik continue

📷 Server Debian [Running] - Oracle VM VirtualBox	_		×
File Machine View Input Devices Help			
)	debia	n ⁸
Configuring popularity-contest			
The system may anonymously supply the distribution developers with statistics about the packages on this system. This information influences decisions such as which packages s first distribution CD.	e most u hould g	used oonth	e
If you choose to participate, the automatic submission script will run once every week, se to the distribution developers. The collected statistics can be viewed on http://popcon.de	nding s bian.or	tatistic g/.	s
This choice can be later modified by running "dpkg-reconfigure popularity-contest". Participate in the package usage survey?			
⊖ Yes			
Screenshot		Continu	e
	- 21 🔗	🛃 Right	Ctrl 🔡

pilih No dan klik continue

0	Server Debia	n [Runn	ing] - Oı	acle VM Vi	rtualBox								_		×
File	Machine	View	Input	Devices	Help							-			
												C)	debia	an ⁸
s	oftware s	electi	on												
	t the mon hoose to Choose soft	nent, instal tware t	only th I one o to insta	ne core o or more (//:	of the sy of the fo	stem is i llowing p	installe predefi	ed. To tu ined col	ine the sy lections o	ystem of softv	to your ware.	needs,	you c	an	
ľ	Debian	deskt	top en	vironme	nt										
E	🗸 standa	rd sys	tem u	tilities											
_		_											_		
S	creensho	t												Contin	le
				-						2	0 🛄 🧷		00	🛃 Right	t Ctrl

Centang pada Standard system utilities dan klik continue

🔞 Server Debian [Running] - Oracle VM VirtualBox	_		×
File Machine View Input Devices Help	<i>V</i>		
	\bigcirc	debian	8
Install the GRUB boot loader on a hard disk			
It seems that this new installation is the only operating system on this computer. If to install the GRUB boot loader to the master boot record of your first hard drive.	so, it should	d be safe	
Warning: If the installer failed to detect another operating system that is present o modifying the master boot record will make that operating system temporarily unbo can be manually configured later to boot it.	n your comp otable, tho	outer, ugh GRUB	
Install the GRUB boot loader to the master boot record?			
O No			
• Yes			
Screenshot	o Back	Continue	
		🛛 💽 Right Ct	rl .

Untuk instalasi Grub Boot Loader pilih Yes dan klik continue

Server Debian [Running] - Oracle VM VirtualBox	_		×
File Machine View Input Devices Help	V		
	0	debia	n ⁸
Install the GRUB boot loader on a hard disk			
You need to make the newly installed system bootable, by installing the GRUB boot lo device. The usual way to do this is to install GRUB on the master boot record of your f you prefer, you can install GRUB elsewhere on the drive, or to another drive, or even t Device for boot loader installation:	ader on a irst hard o a flopp	a bootable drive. If y.	9
Enter device manually			
/dev/sda (ata-vBOX_HARDDISK_VBd2d492ec-a//4fe4a)			
Screenshot Go B	Back	Continue	e
	🔲 🚇 🕅 🖉	🔉 💶 Pight (Otel

Pilih hard disk yang kita gunakan, dan klik continue.

Server Debian [Running] - Oracle VM VirtualBox	_		×
File Machine View Input Devices Help			
	9	debia	n ⁸
Finish the installation			
Installation complete Installation is complete, so it is time to boot into your new system. Make sure to installation media (CD-ROM, floppies), so that you boot into the new system rath restarting the installation.	remove ler thar	e the	
Screenshot Go Bac	:k	Continu	Je
		💽 💽 Right	Ctrl

Instalasi telah selesai, dan system operasi Debian siap digunakan. Klik continue untuk melanjutkan.

🔯 Server Debian [Running] - Oracle VM VirtualBox	_		\times
File Machine View Input Devices Help			
GNU GRUB version 2.02~beta2-22+deb8u1			
*Debian GNU/Linux Advanced options for Debian GNU/Linux			
Use the ↑ and ↓ keys to select which entry is highlight Press enter to boot the selected OS, `e' to edit the co before booting or `c' for a command-line.	ted. ommands		
	<u> </u>	💌 Right	Ctrl

Setelah proses restart selesai, akan muncul tampilan seperti ini, pilih Debian GNU/Linux dan tekan enter.



System operasi Debian siap digunakan, masukan user dan password yang telah dibuat pada saat instalasi.



Berikut tampilan Ketika user sudah berhasil login ke system.

Untuk mematikan computer virtual, ketik Shutdown 0.