

دپارتمان آموزش

آموزش لينوكس

Linux Installation

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What We Will Learn

- Vmware Software Installation





- System Boot Setting
- ☐ Install Linux OS (NBIE and Ubuntu)









- Install VMware workstation
- Create new Virtual Machine



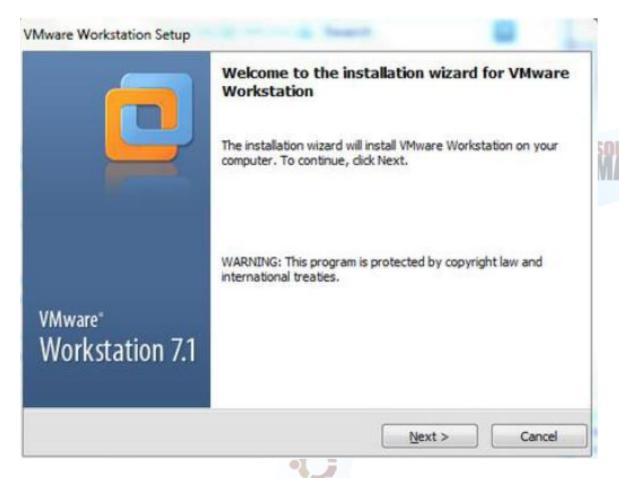










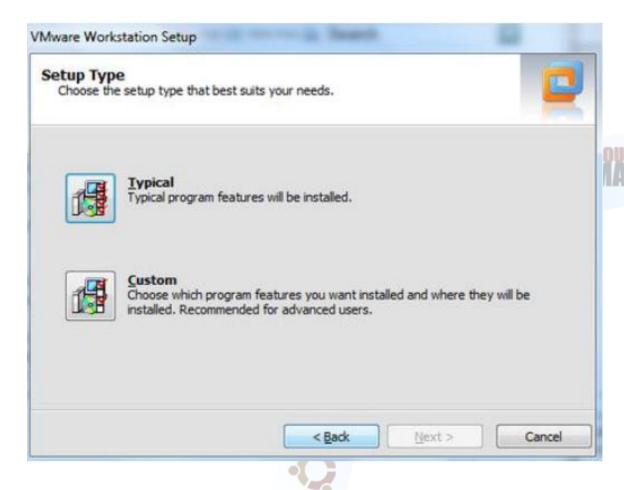










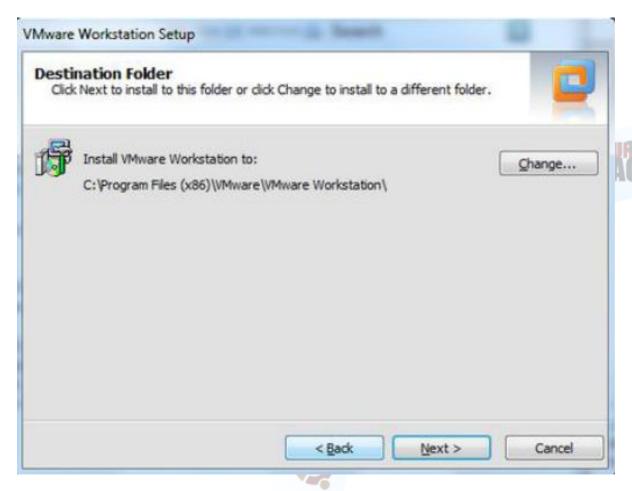










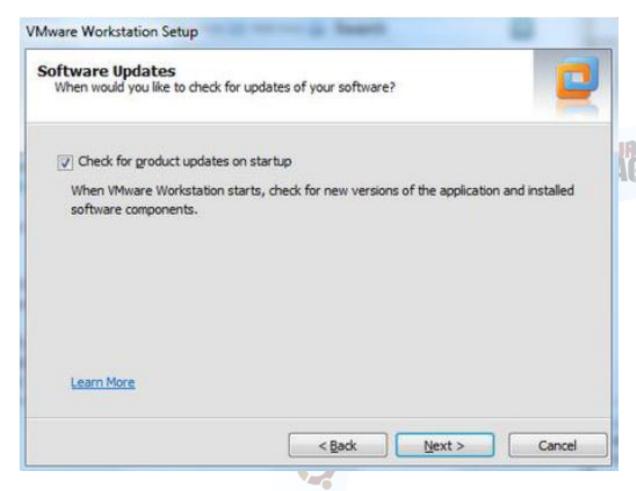










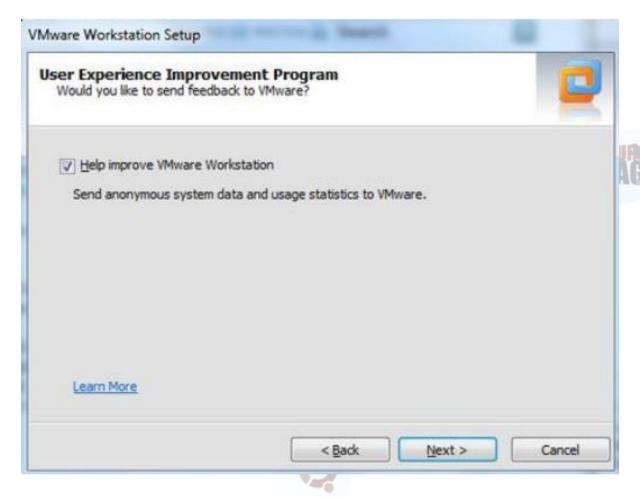










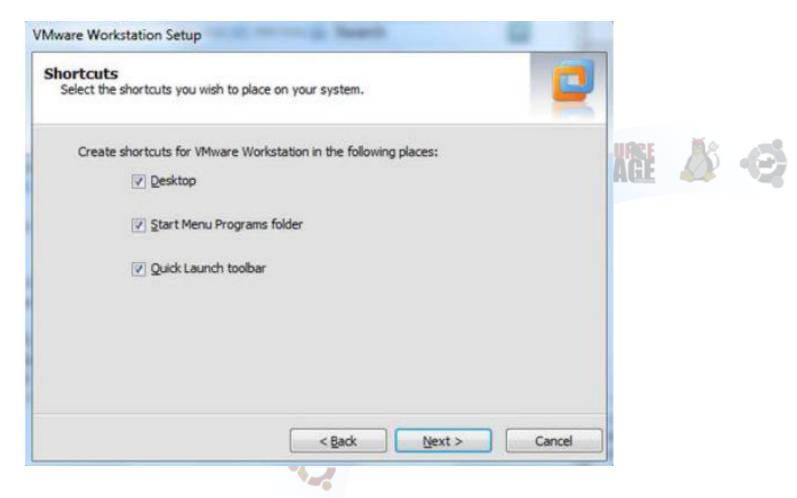










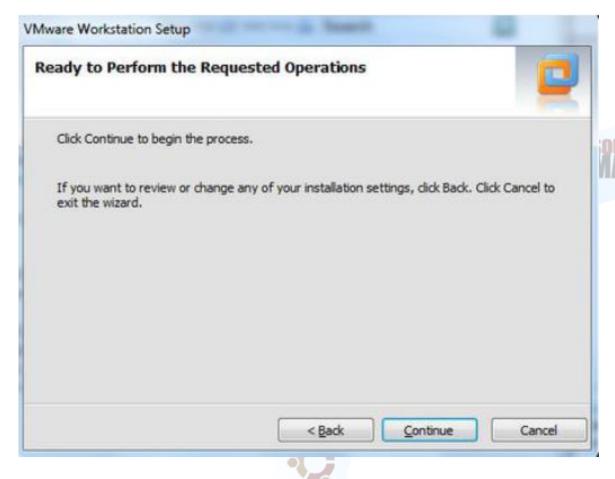




















Performing the Reque	sted Operations
Please wait while the wiza minutes.	rd performs the requested operation. This may take several
Status: Installing package	s on the system









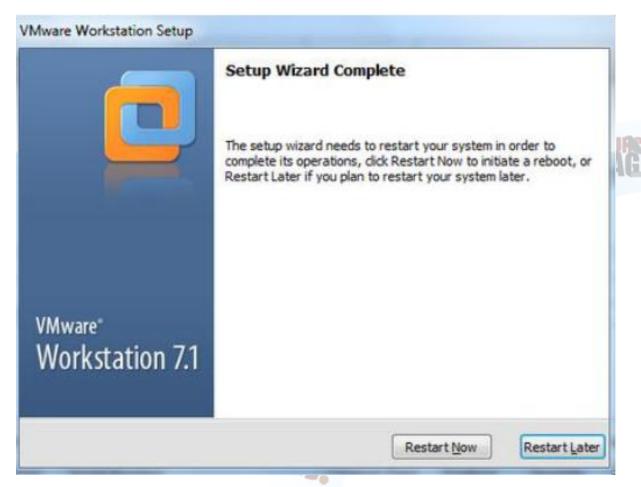
VMware Workstation Setup Enter License Key (optional) You can enter this information later.	
	DURSE TAR
License Key: (XXXXX-XXXXX-XXXXX-XXXXXX)	AGE & C
	Enter > Skip >









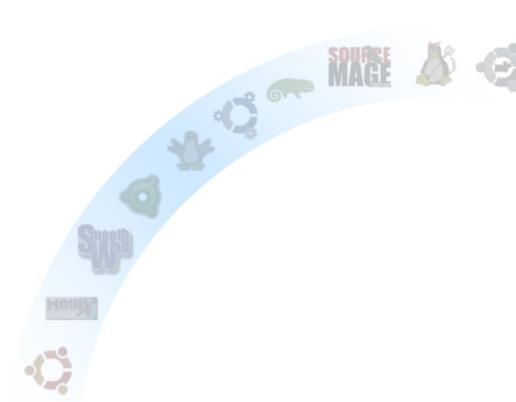


















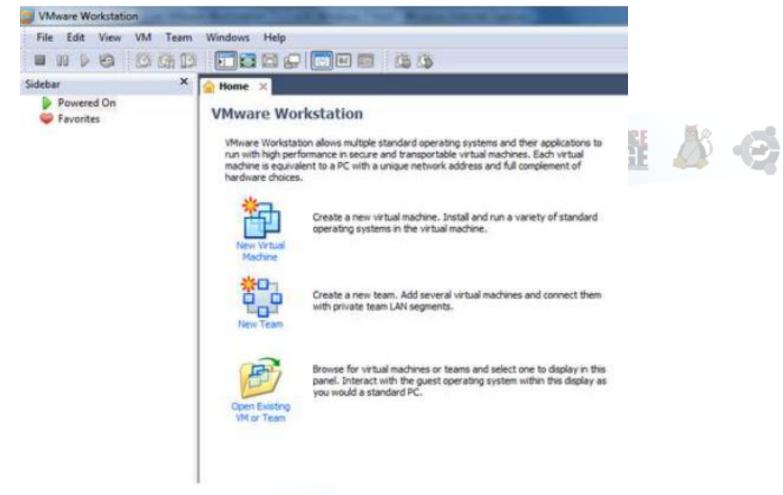






























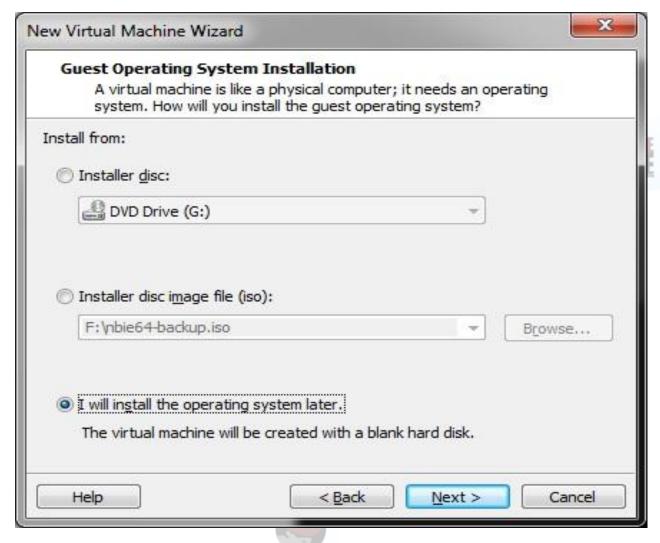
Choose the Virtual M Which hardware fe		ware Compatibility eded for this virtual machine?	
rtual machine hardware	compatibility		
Hardware compatibility:	Workstation	8.0	
Compatible with:	✓ ESX Serve	er	
Compatible products: ESX 5.0 Fusion 4.0 Workstation 8.0	•	Limitations: 64 GB memory limit 8 processor limit 10 network adapter limit 2 TB disk size limit	

















Select a Guest Opera	tina System		
		on this virtual machin	e?
Guest operating system			
Microsoft Windows			
Linux			
Nov <u>e</u> ll NetWare			
Sun <u>S</u> olaris			
○ VMware ES <u>X</u>			
Other			
<u>V</u> ersion			
Ubuntu 64-bit			•
Help	< Back	Next >	Cancel









ew Virtual Machine Wizard	×
Name the Virtual Machine What name would you like to use for this virtual machine?	3
<u>V</u> irtual machine name:	
nbie64	
Location:	
C:\Users\Psplendid\Documents\Virtual Machines\nbie64	Browse
The default location can be changed at Edit > Preferences.	
< <u>B</u> ack <u>N</u> ext >	Cancel







w Virtual Machine Wizard	
Processor Configuration Specify the number of proce	essors for this virtual machine.
Processors	
Number of processors:	1
Number of <u>c</u> ores per processor:	1 -
Total processor cores:	1 2 3 4
Help	< Back Next > Cancel





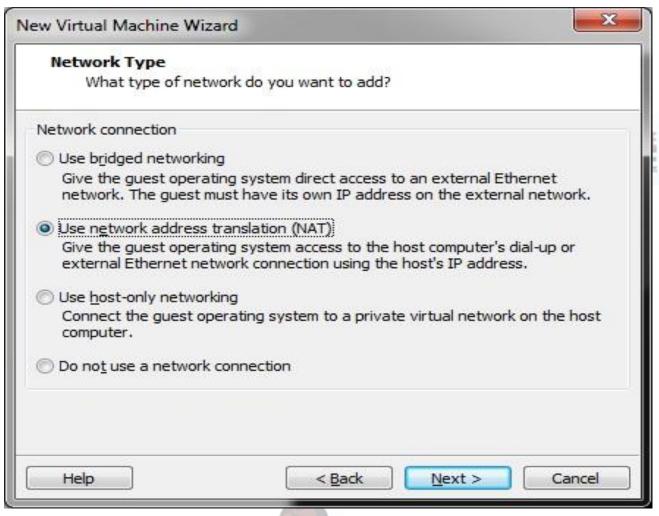


nine Wizard
the Virtual Machine h memory would you like to use for this virtual machine?
unt of memory allocated to this virtual machine. The memory size e of 4 MB.
Memory for this virtual machine:
Maximum recommended memory: 2396 MB
Recommended memory: 1024 MB
☐ Guest OS recommended minimum: 512 MB















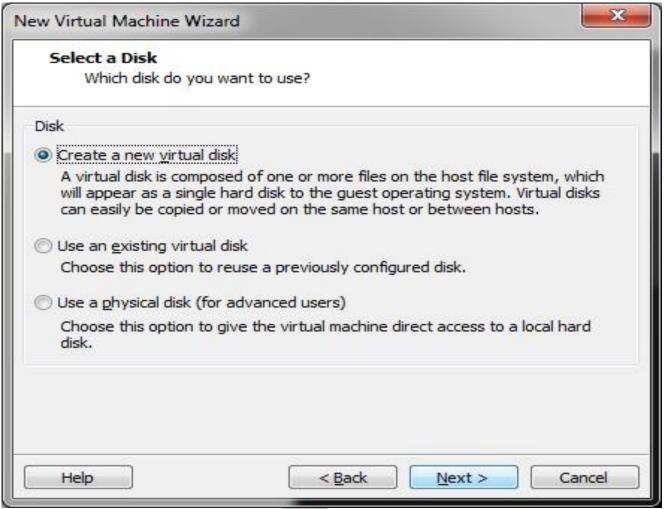


ew Virtual Mach	ine Wizard		×
Select I/O Co Which SCS	52/4 5-3	es pe would you like to use?	
I/O controller typ	es		
IDE Controller:	ATAPI		
SCSI Controller:	B <u>u</u> sLogic	(Not available for 64-bit guests)	
	LSI Logic	(Recommended)	
	C LSI Logic	<u>S</u> AS	
	C LSI Logic	AS	
II-l-		ned: Next	Carrant
Help		< Back Next >	Cancel

















New Virtual Machine Wiz	ard			×
Select a Disk Type What kind of disk	do you want	to create?		
Virtual disk type				
SCSI (Recommended))			
Help		< <u>B</u> ack	<u>N</u> ext >	Cancel









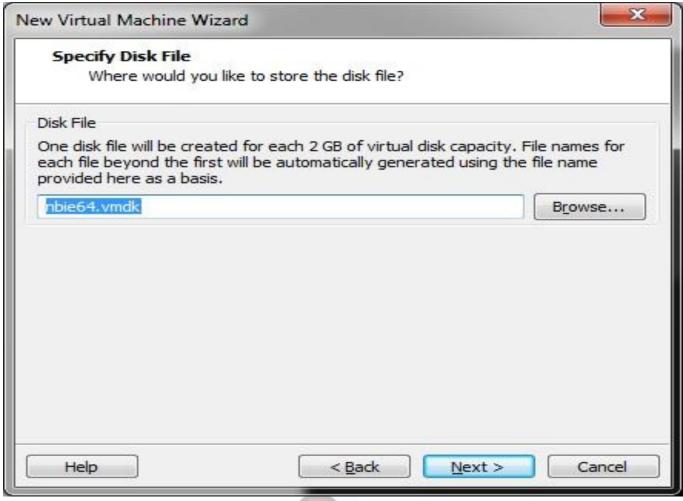
ew Virtual Machine Wiz	zard
Specify Disk Capaci How large do you	ity want this disk to be?
Maximum disk size (GB)	: 30
Recommended size for	Ubuntu 64-bit: 20 GB
Allocate all disk space	ce now.
physical disk space	apacity can enhance performance but requires all of the to be available right now. If you do not allocate all the ual disk starts small and grows as you add data to it.
Store virtual disk as	a single file
Split virtual disk into	multiple files
	akes it easier to move the virtual machine to another reduce performance with very large disks.
Help	< Back Next > Cancel



















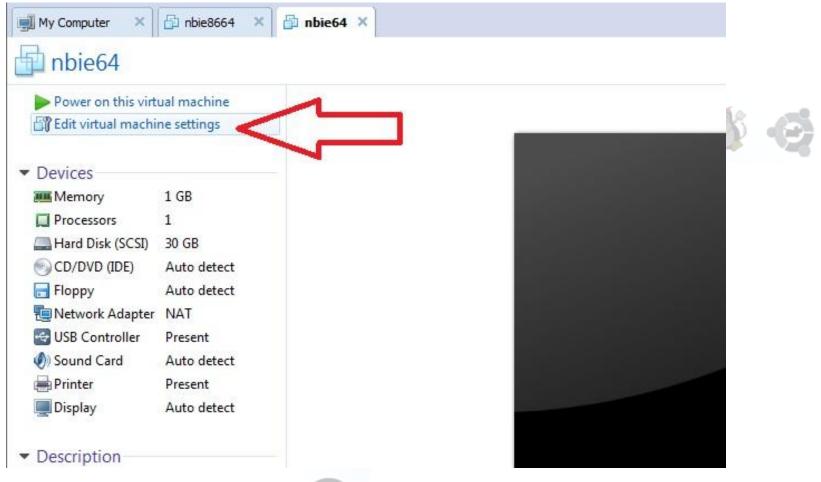
Click Finish to a 64-bit.	Virtual Machine create the virtual machine. Then you can install Ubuntu
ne virtua <mark>l</mark> machine v	will be created with the following settings:
Name:	nbie64
Location:	C:\Users\Psplendid\Documents\Virtual Machines\n
Version:	Workstation 8.0
Operating Syst	Ubuntu 64-bit
Hard Disk:	30 GB, Split
Memory:	1024 MB
4	III









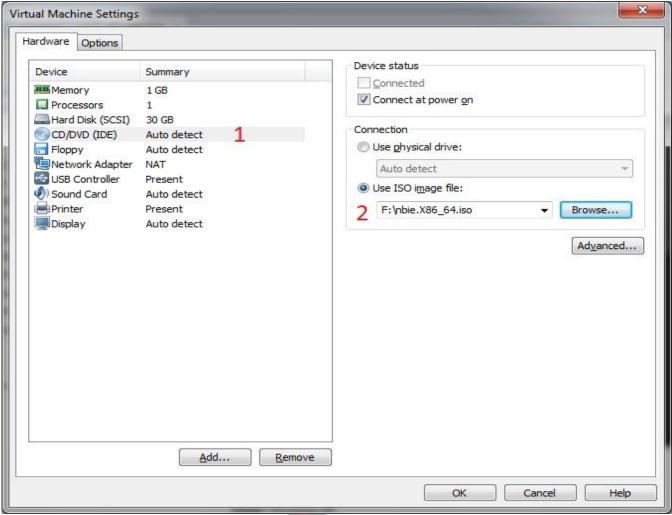




















OS Installation

- ☐ Install NBIE OS or Ubuntu
- Live OS without installation
- Install OS on harddisk













OS Installation

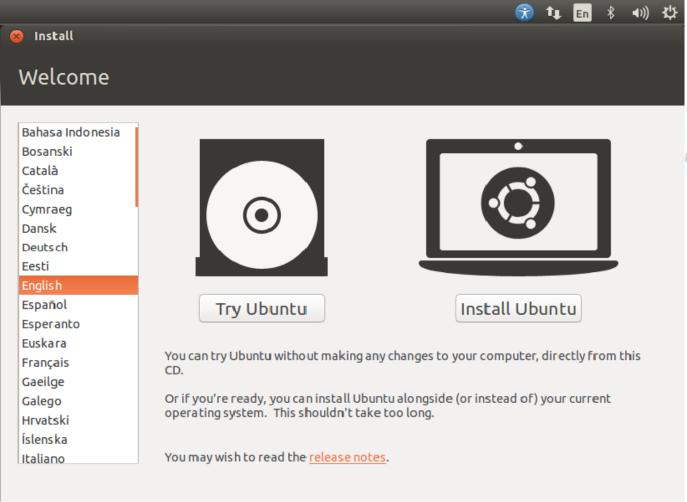








OS Installation

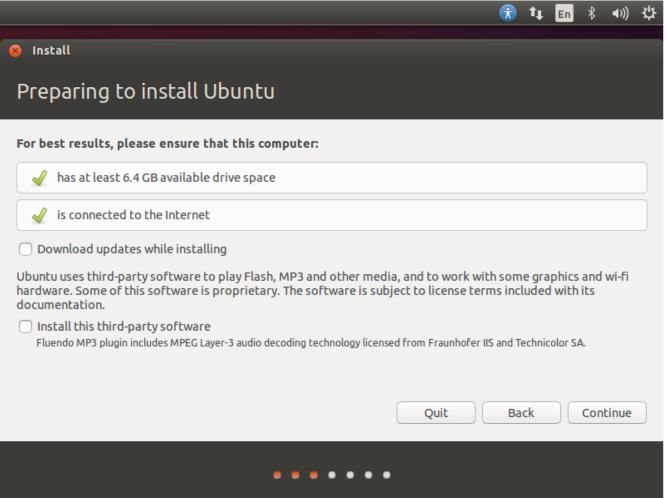










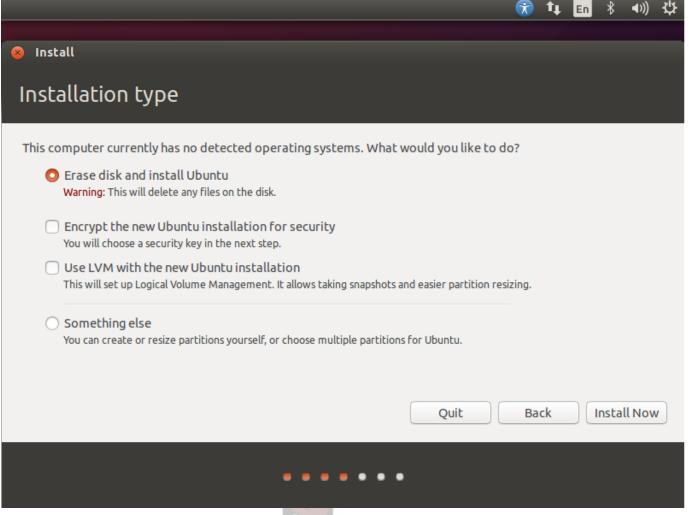








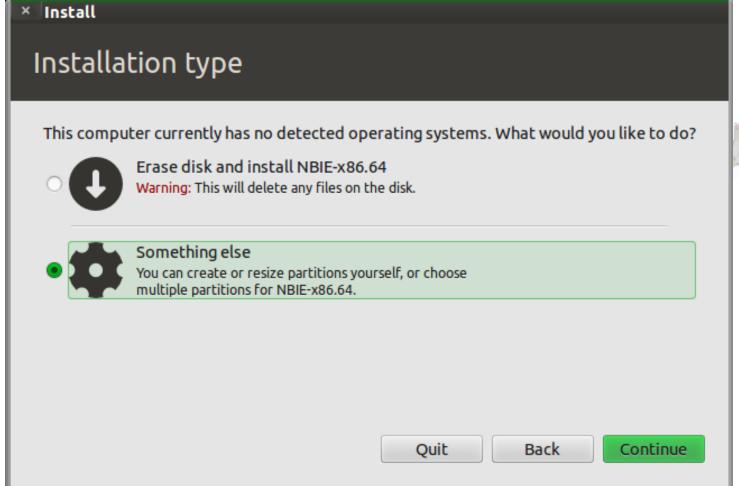




















ſ	× Create partition			
	Create a new partition			
× Install	Type for the new partition:	Primary		
Installation type	New partition size in	12000		
	megabytes (1000000 bytes):			
☐ free space 32.2 GB	Location for the new partition:	■ Beginning		
Device Type Mount p	·			
/dev/sda	Use as:	Ext4 journaling file system ▼		
free space	Mount point:	/		
New Partition Table Ad		Cancel OK		
Device for boot loader installation:				
/dev/sda VMware, VMware Virtual S (32.2 GB) ▼				
Quit Back Install Now				









1	× Create partition		
× Install	Create a new partition		
Installation type	Type for the new partition:	O Primary	
sda1 (ext4)	New partition size in megabytes (1000000 bytes):	500	
Device Type Mount po	Location for the new partition:	Beginning	
/dev/sda1 ext4 / free space	Use as:	Ext4 journaling file system ▼	
New Partition Table Add	Mount point:	/boot ▼	
Device for boot loader instal		Cancel	
/dev/sda VMware, VMware Virtual S (32.2 GB) ▼			
	Quit	Back Install Now	









× Install	× Create partition			
Installation type	Create a new partition			
Installation type	Type for the new partition:	O Primary		
sda1 (ext4) sda5 (ext4) 12.0 GB 499.1 MB	New partition size in megabytes (1000000 bytes):	9712 - 4		
Device Type Mount point				
/dev/sda1 ext4 /		• Pariation O Fold		
/dev/sda5 ext4 /boot	Location for the new partition:	Beginning		
free space	Use as:	Ext4 journaling file system		
New Partition Table Add				
Device for boot loader installat	Mount point:	/home ▼		
/dev/sda VMware, VMware \		Cancel OK		
Quit Back Install Now				









× Install	× Create partition				
mstatt	Create a new partition				
Installation type	Type for the new partition:	O Primary			
■ sda1 (ext4) ■ sda5 (ext4 12.0 GB 499.1 MB	New partition size in megabytes (1000000 bytes):	2000			
Device Type Mount poir					
/dev/sda5 ext4 /boot	Location for the new partition:	Beginning End			
/dev/sda6 ext4 /home					
free space	Use as:	swap area ▼			
New Partition Table Add	Mount point:	•			
Device for boot loader installa		Cancel OK			
/dev/sda VMware, VMware					
Quit Back Install Now					









× Install	× Create partition			
	Create a new partition			
Installation type	Type for the new partition:	O Primary		
sda1 (ext4) sda5 (exta	New partition size in megabytes (1000000 bytes):	8000		
Device Type Mount po				
/dev/sda6 ext4 /home /dev/sda7 swap	Location for the new partition:	Beginning		
free space	Use as:	Ext4 journaling file system ▼		
New Partition Table Add.	Mount point:	/usr 🔻		
Device for boot loader install		Cancel OK		
/dev/sda VMware, VMware				
Quit Back Install Now				









× Install			
Erase disk and install NBIE-x86.64			
Select drive:	SCSI3 (0,0,0) (sda) - 32.2 GB VMware, VMware Virtual S ▼		
The entire dis	k will be used:		
	NBIE-x86.64 /dev/sda (ext4)		
	32.2 GB		
	Quit Back Install Now		









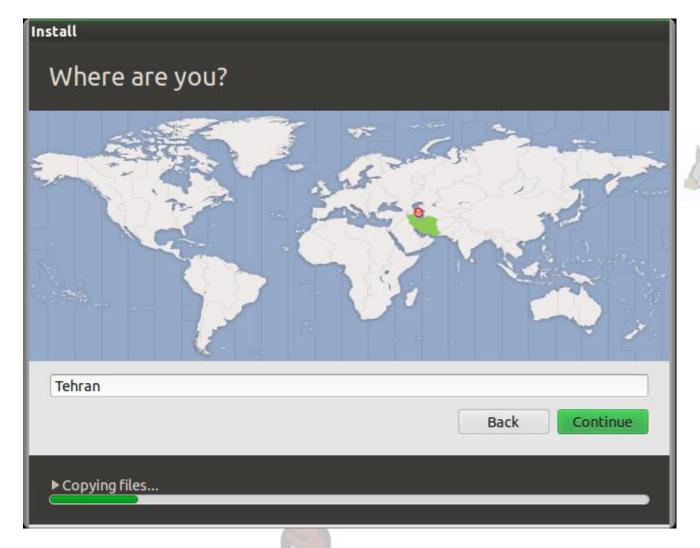
Install			
Erase disk and install NBIE-x86.64			
Select drive: SCSI3 (0,0,0) (sda) - 32.2 GB VMware, VMware Virtual S ▼			
The entire disk will be used:			
NBIE-x86.64 /dev/sda (ext4)			
32.2 GB			
Back Install Now			
DOCK INSCRINT			
▶ Creating ext4 file system for / in partition #1 of SCSI3 (0,0,0) (sda)			

















Install	
Keyboard layout	
Choose your keyboard layout:	
Montenegrin Nepali Norwegian Persian Polish Portuguese Portuguese (Brazil)	Persian Persian - Kurdish (Iran, Arabic-Latin) Persian - Kurdish (Iran, F) Persian - Kurdish (Iran, Latin Alt-Q) Persian - Kurdish (Iran, Latin Q) Persian - Persian (with Persian Keypad)
Type here to test your keyboard Detect Keyboard Layout	
	Back
► Copying files	









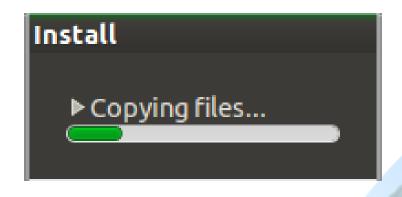
		ℛ	t ₊	En	*	√)))	华
			7				
⊗ Install							
Who are you?							
Your name:	Mohammad Reza Gerami		<u> </u>	7			
Your computer's name:							
	The name it uses when it talks to other computers.						
Pick a username:	splendid 🗸						
Choose a password:	Strong password						
Confirm your password:	10000000000 ✓						
	○ Log in automatically						
	 Require my password to log in 						
	 Encrypt my home folder 						
		Back	<		Conti	nue	
	•••••						







SOURCE MAGE

























Installation Complete



Installation is complete. You need to restart the computer in order to use the new installation.

Restart Now









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