

Ubuntu Server 14 VM SOP

- 1) Visit: <https://releases.ubuntu.com/14.04/>
- 2) Download the Ubuntu Server 14 ISO file, this will take a minute.

Desktop image

The desktop image allows you to try Ubuntu without changing your computer at all, and at your option to install it permanently later. This type of image is what most people will want to use. You will need at least 384MiB of RAM to install from this image.

64-bit PC (AMD64) desktop image

Choose this if you have a computer based on the AMD64 or EM64T architecture (e.g., Athlon64, Opteron, EM64T Xeon, Core 2). If you have a non-64-bit processor made by AMD, or if you need full support for 32-bit code, use the i386 images instead. Choose this if you are at all unsure.

32-bit PC (i386) desktop image

For almost all PCs. This includes most machines with Intel/AMD/etc type processors and almost all computers that run Microsoft Windows, as well as newer Apple Macintosh systems based on Intel processors.

Server install image

The server install image allows you to install Ubuntu permanently on a computer for use as a server. It will not install a graphical user interface.

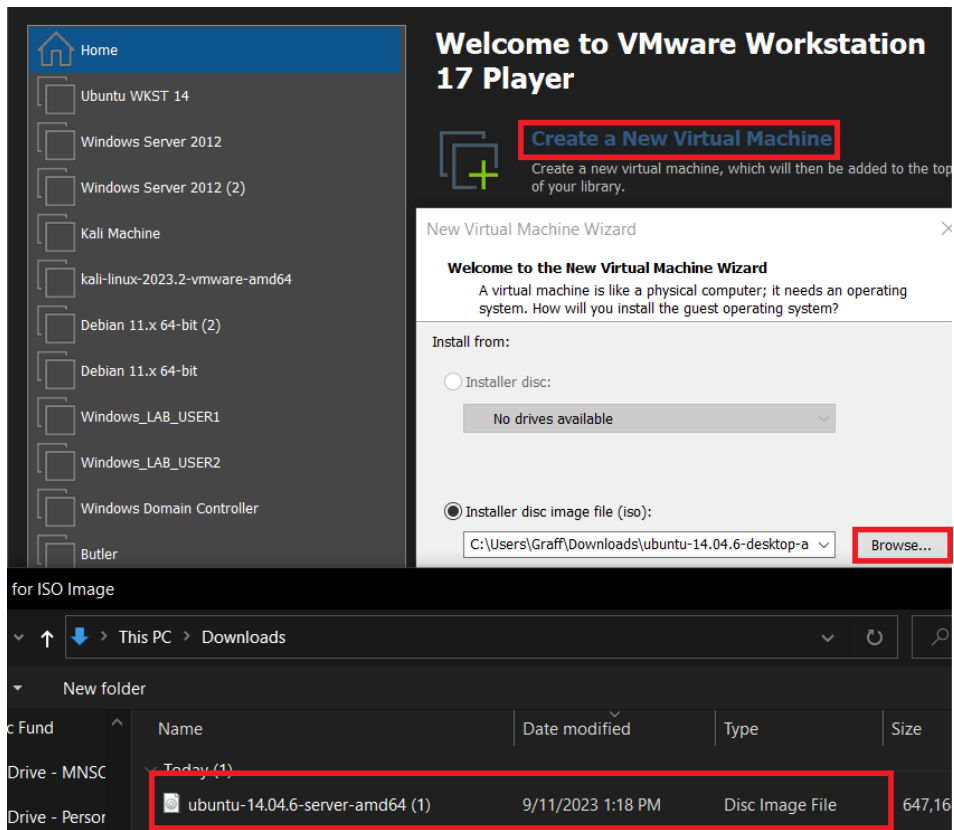
64-bit PC (AMD64) server install image

Choose this if you have a computer based on the AMD64 or EM64T architecture (e.g., Athlon64, Opteron, EM64T Xeon, Core 2). If you have a non-64-bit processor made by AMD, or if you need full support for 32-bit code, use the i386 images instead. Choose this if you are at all unsure.

32-bit PC (i386) server install image

For almost all PCs. This includes most machines with Intel/AMD/etc type processors and almost all computers that run

- 3) Open VMWare and click “create a new virtual machine”, then browse for the ISO file recently downloaded and open the file.



- 4) Hit next, and then name the Virtual Machine appropriately.
- 5) For allocating space to the virtual machine the defaults are fine:

New Virtual Machine Wizard X

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

The virtual machine's hard disk is stored as one or more files on the host computer's physical disk. These file(s) start small and become larger as you add applications, files, and data to your virtual machine.

Maximum disk size (GB):

Recommended size for Ubuntu 64-bit: 20 GB

☐ 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

- 6) After that you can choose to edit the number of resources you give the VM, A recommended amount of RAM is 4 GB, and 2 processors are fine.

Device	Summary
Memory	4 GB
Processors	2
New CD/DVD (SATA)	Using file C:\Users\Graff\Do...
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Processors

Number of processor cores:

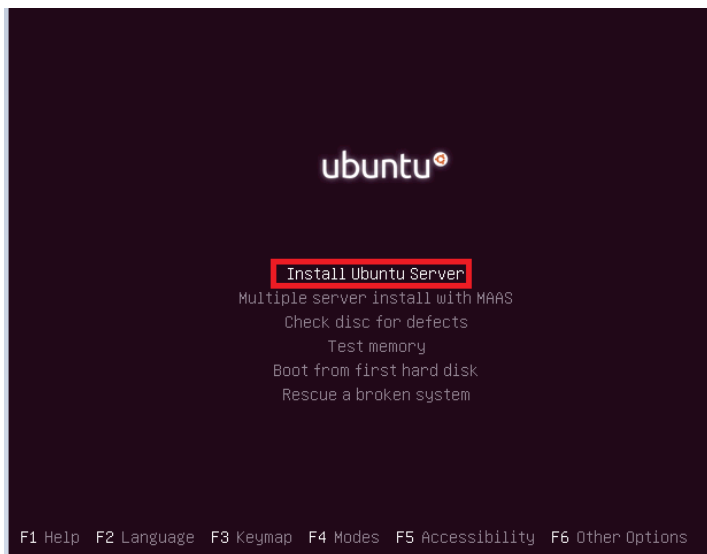
Virtualization engine

☐ Virtualize Intel VT-x/EPT or AMD-V/RVI

☐ Virtualize CPU performance counters

- 7) From here you will be able to start your VM, The first couple of settings are straightforward click on your preferred language.

8) On the main install screen select Install Ubuntu Server

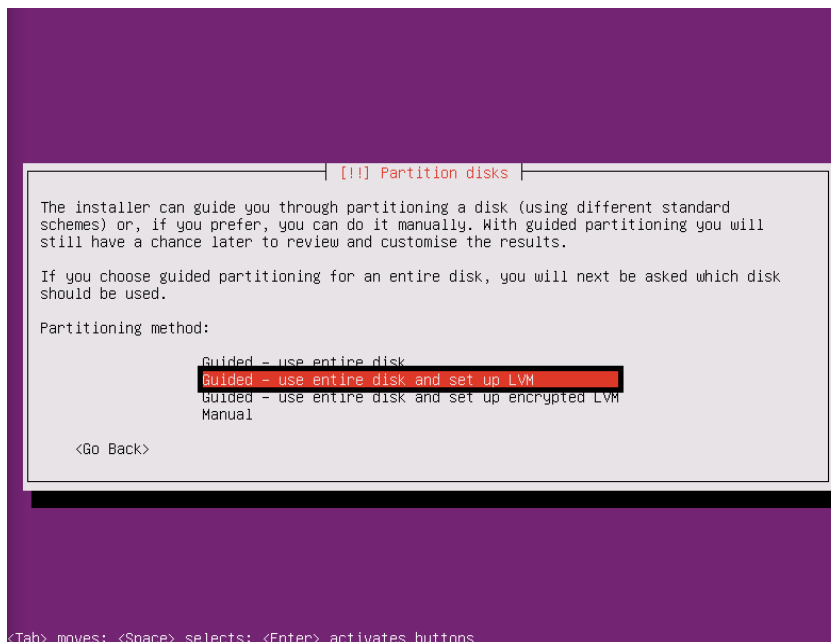


9) From here set your location and keyboard preferences

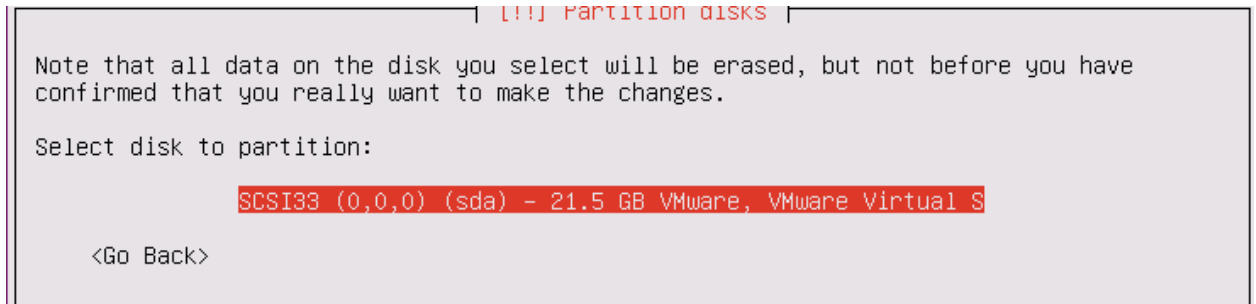
10) after inputting your account user names.

11) After setting up passwords it will ask you if you would like to encrypt your home directory you can choose either or, after you may select the time zone.

12) It now will ask you to select how you want to partition your disks, just choose the stock option:

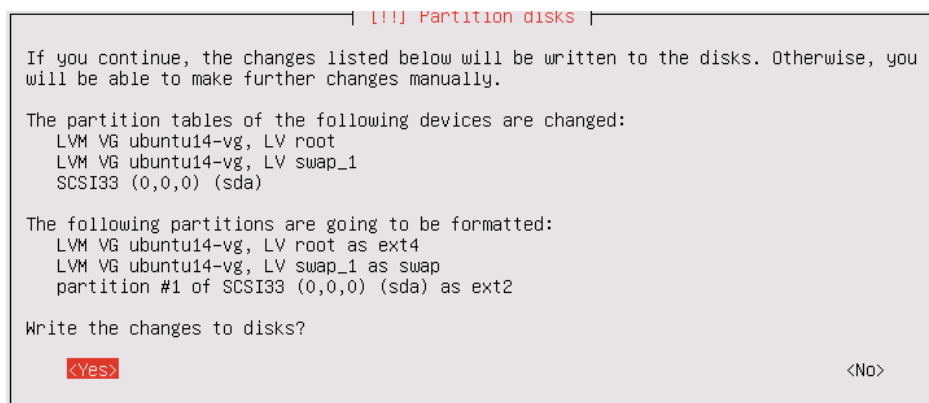


13) Then select the stock option:



14) Click yes on Write the changes to disks and configure LVM and click continue after it asks the amount you are partitioning.

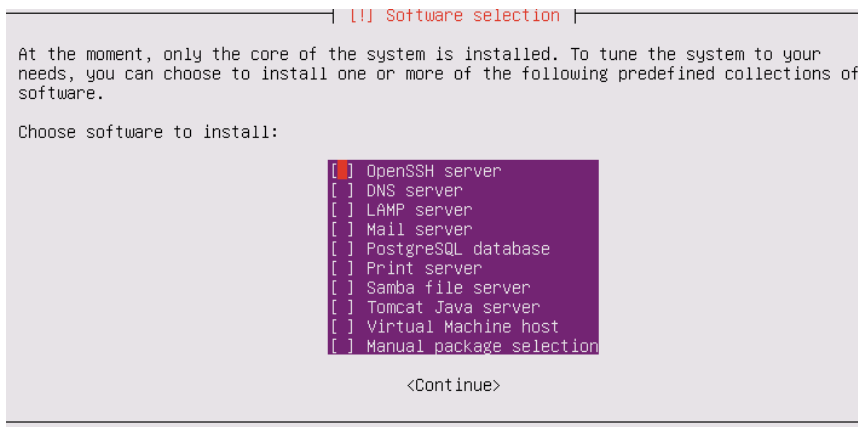
15) After that go ahead and say yes to Write the changes to disks:



16) When it asks for proxy information leave it blank and press continue.

17) Then select “no to automatic updates”, we want these VMs to mimic what's on our competition.

18) Select the server you want to run:



19) Select yes to Install the GRUB boot loader. Then at the installation is complete screen hit continue.

20) Wait for your VM to Boot, and congratulations on your Ubuntu 14 server VM.