
1
Make sure Install selected and Press Enter.
Debian GNU/Linux installer boot menu
Install
Graphical install
Advanced options
Help
Install with speech synthesis
debian
GNU/Linux
Press ENTER to boot or TAB to edit a menu entry
CCNA HUB

2

[!!] Select a language

Choose the language to be used for the installation process. The selected language will also be the default language for the installed system.

Language:

| | | |
|---|---|---|
| C | - | No localization |
| Albanian | - | Shqip |
| Arabic | - | عربي |
| Asturian | - | Asturianu |
| Basque | - | Euskara |
| Belarusian | - | Беларуская |
| Bosnian | - | Bosanski |
| Bulgarian | - | Български |
| Catalan | - | Català |
| Chinese (Simplified) | - | 中文(简体) |
| Chinese (Traditional) | - | 中文(繁體) |
| Croatian | - | Hrvatski |
| Czech | - | Čeština |
| Danish | - | Dansk |
| Dutch | - | Nederlands |
| English | - | English |
| Esperanto | - | Esperanto |
| Estonian | - | Eesti |
| Finnish | - | Suomi |
| French | - | Français |
| Galician | - | Galego |
| German | - | Deutsch |
| Greek | - | Ελληνικά |

<Go Back>

Select your Language and continue by pressing Enter.



<Tab> moves; <Space> selects; <Enter> activates buttons

3

[!!] Select your location

The selected location will be used to set your time zone and also for example to help select the system locale. Normally this should be the country where you live.

This is a shortlist of locations based on the language you selected. Choose "other" if your location is not listed.

Country, territory or area:

Antigua and Barbuda
Australia
Botswana
Canada
Hong Kong
India
Ireland
New Zealand
Nigeria
Philippines
Singapore
South Africa
United Kingdom
United States
Zambia
Zimbabwe
other

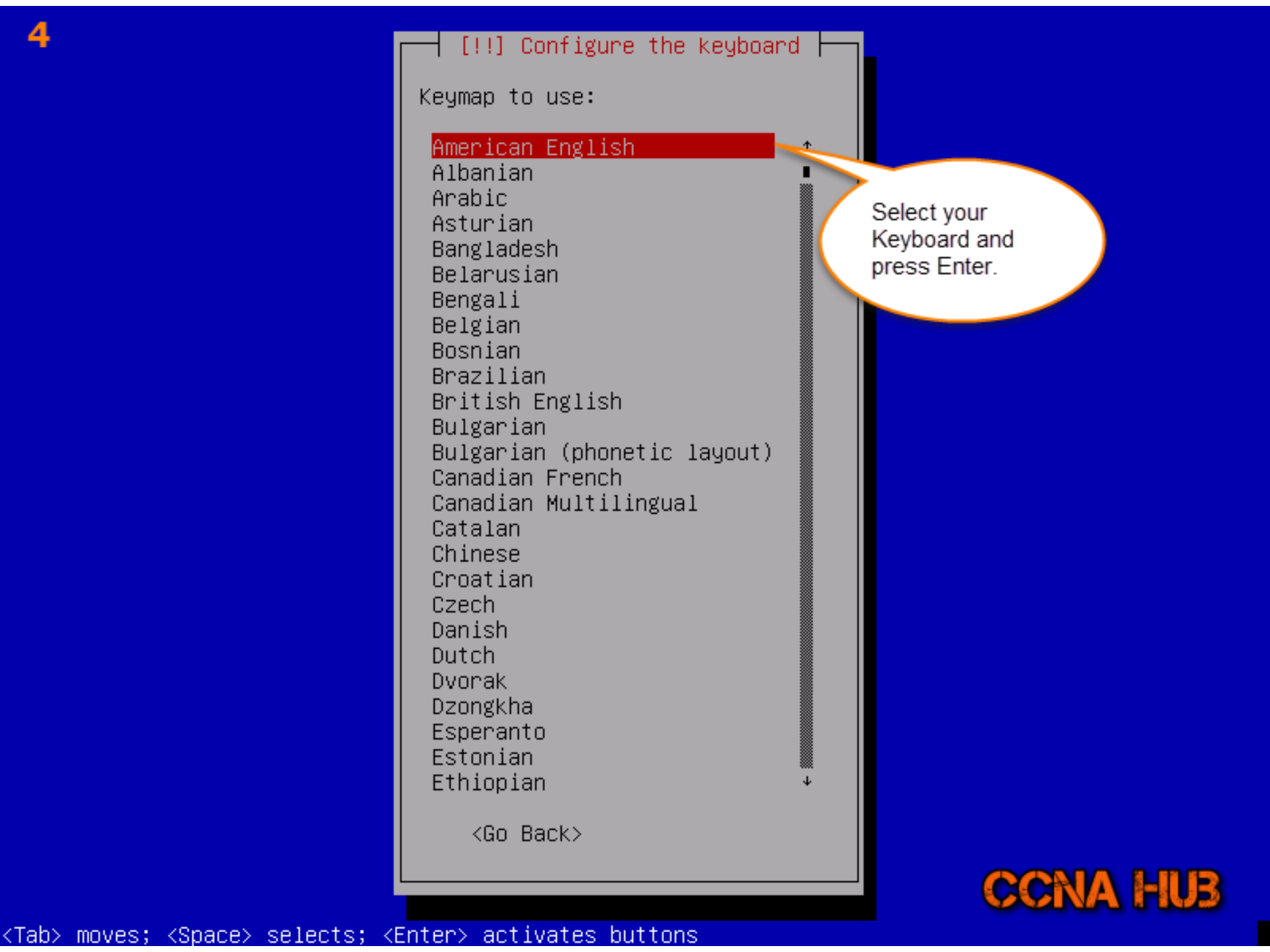
<Go Back>

Select based on your location. Enter to continue...

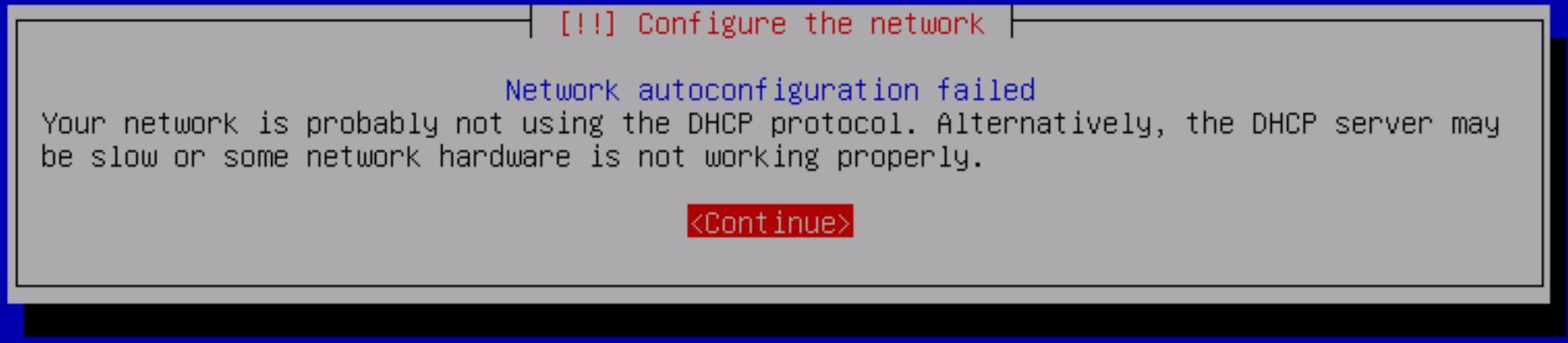
CCNA HUB

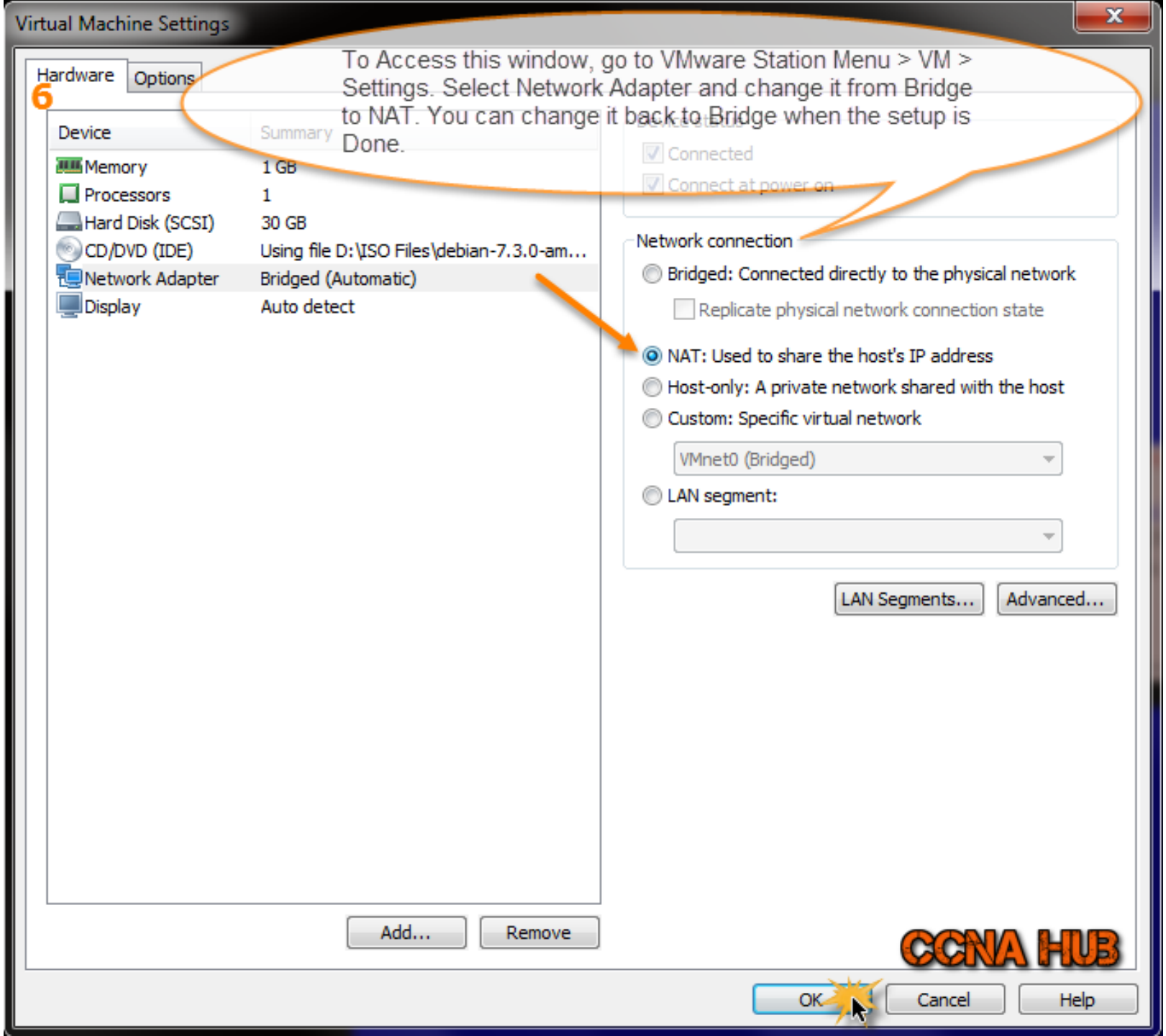
<Tab> moves; <Space> selects; <Enter> activates buttons

4

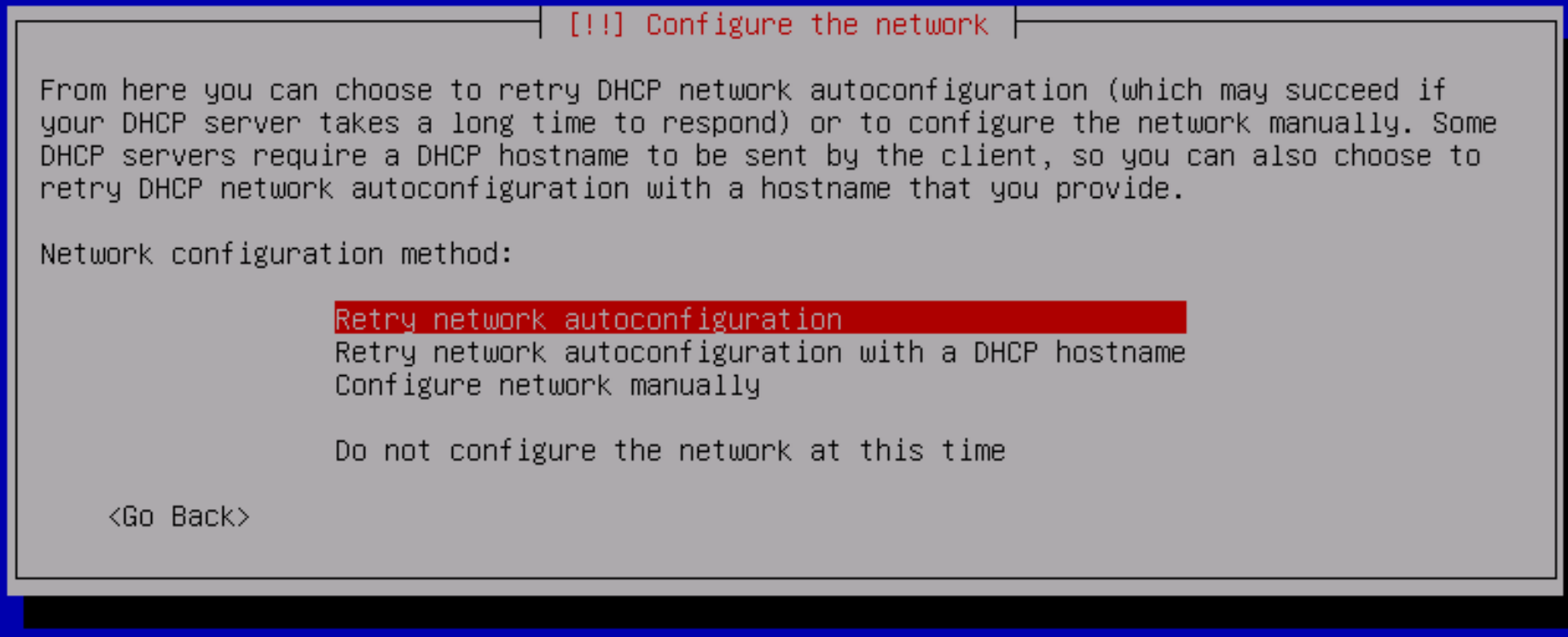

[!!] Configure the keyboard
Keymap to use:
American English
Albanian
Arabic
Asturian
Bangladesh
Belarusian
Bengali
Belgian
Bosnian
Brazilian
British English
Bulgarian
Bulgarian (phonetic layout)
Canadian French
Canadian Multilingual
Catalan
Chinese
Croatian
Czech
Danish
Dutch
Dvorak
Dzongkha
Esperanto
Estonian
Ethiopian
<Go Back>
Select your Keyboard and press Enter.
<Tab> moves; <Space> selects; <Enter> activates buttons

I haven't faced that problem using VirtualBox, but it happens using VMware Station. Originally when I created the VM hardware specs, I chose to set the Network connection as Bridge. For some reason, Debian doesn't obtain an IP address during OS setup if you chose Network Bridge. In case you faced a problem obtaining an IP Address as below, go to the VM settings and change the Network from Bridge to NAT, you can change it back to Bridge after the OS has been setup. Press continue and retry again after you have changed the Network connection from Bridge to NAT.

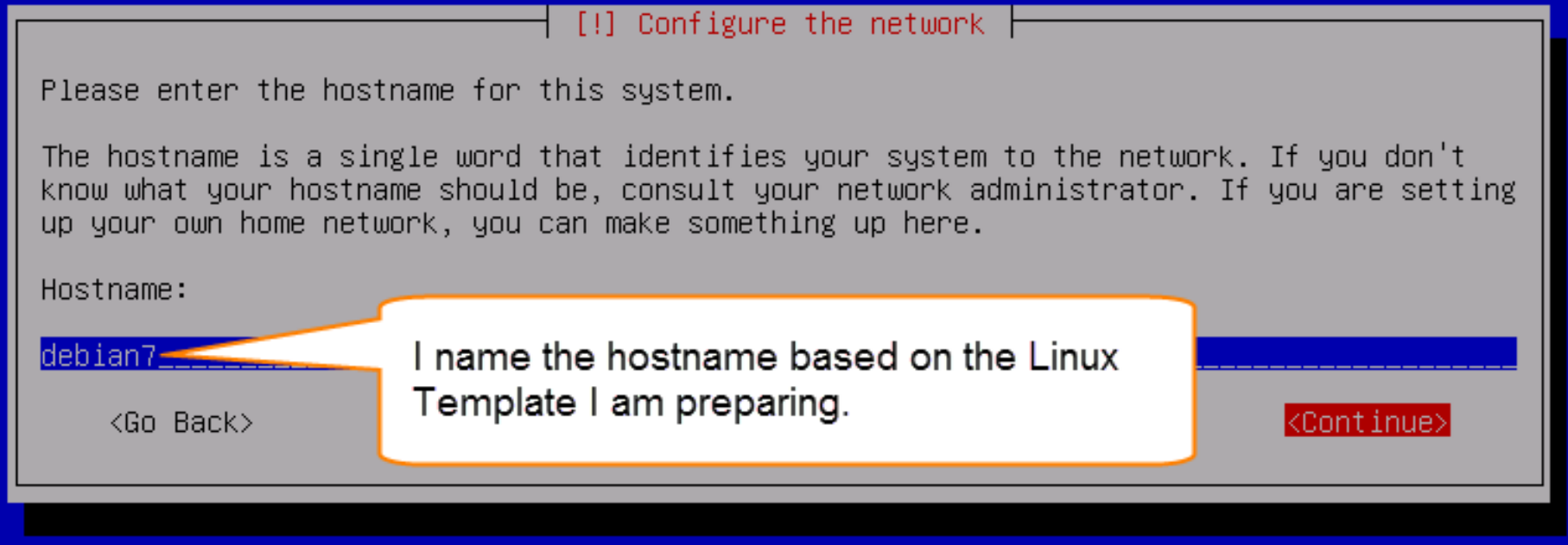



Virtual Machine Settings
Hardware
Options
6
To Access this window, go to VMware Station Menu > VM > Settings. Select Network Adapter and change it from Bridge to NAT. You can change it back to Bridge when the setup is Done.
Device
Summary
Memory
1 GB
Processors
1
Hard Disk (SCSI)
30 GB
CD/DVD (IDE)
Using file D:\ISO Files\debian-7.3.0-am...
Network Adapter
Bridged (Automatic)
Display
Auto detect
Connected
Connect at power on
Network connection
Bridged: Connected directly to the physical network
Replicate physical network connection state
NAT: Used to share the host's IP address
Host-only: A private network shared with the host
Custom: Specific virtual network
VMnet0 (Bridged)
LAN segment:
LAN Segments...
Advanced...
Add...
Remove
CCNA HUB
OK
Cancel
Help

Retry after you changed Network from Bridge to NAT.

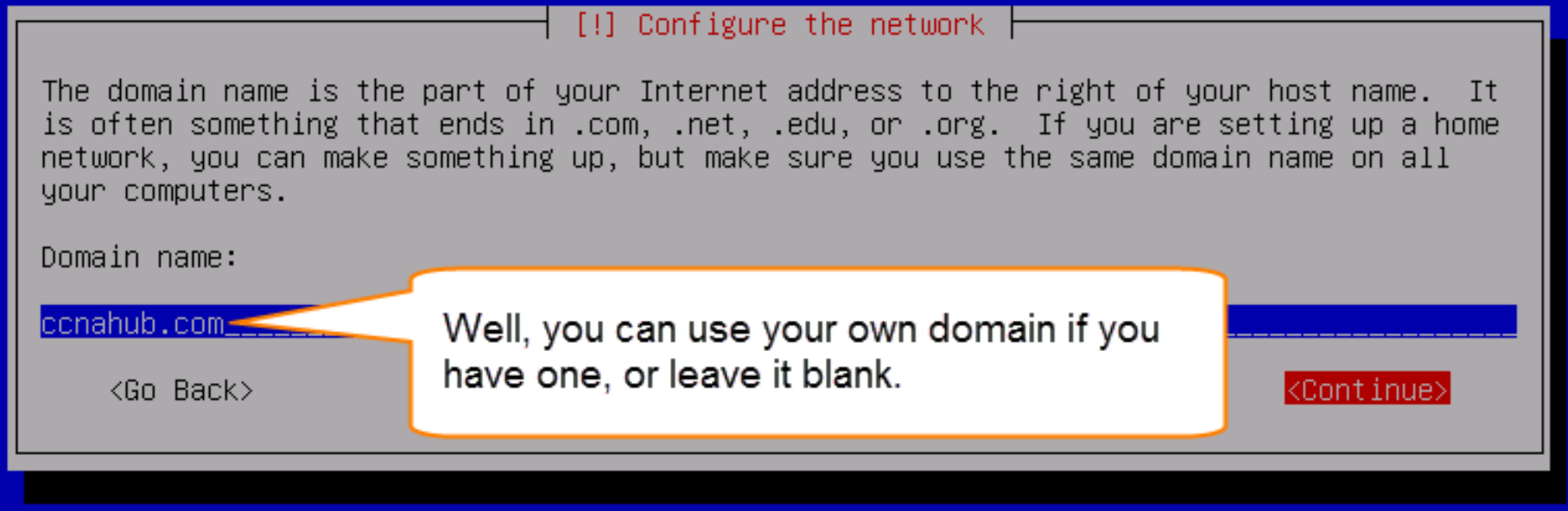


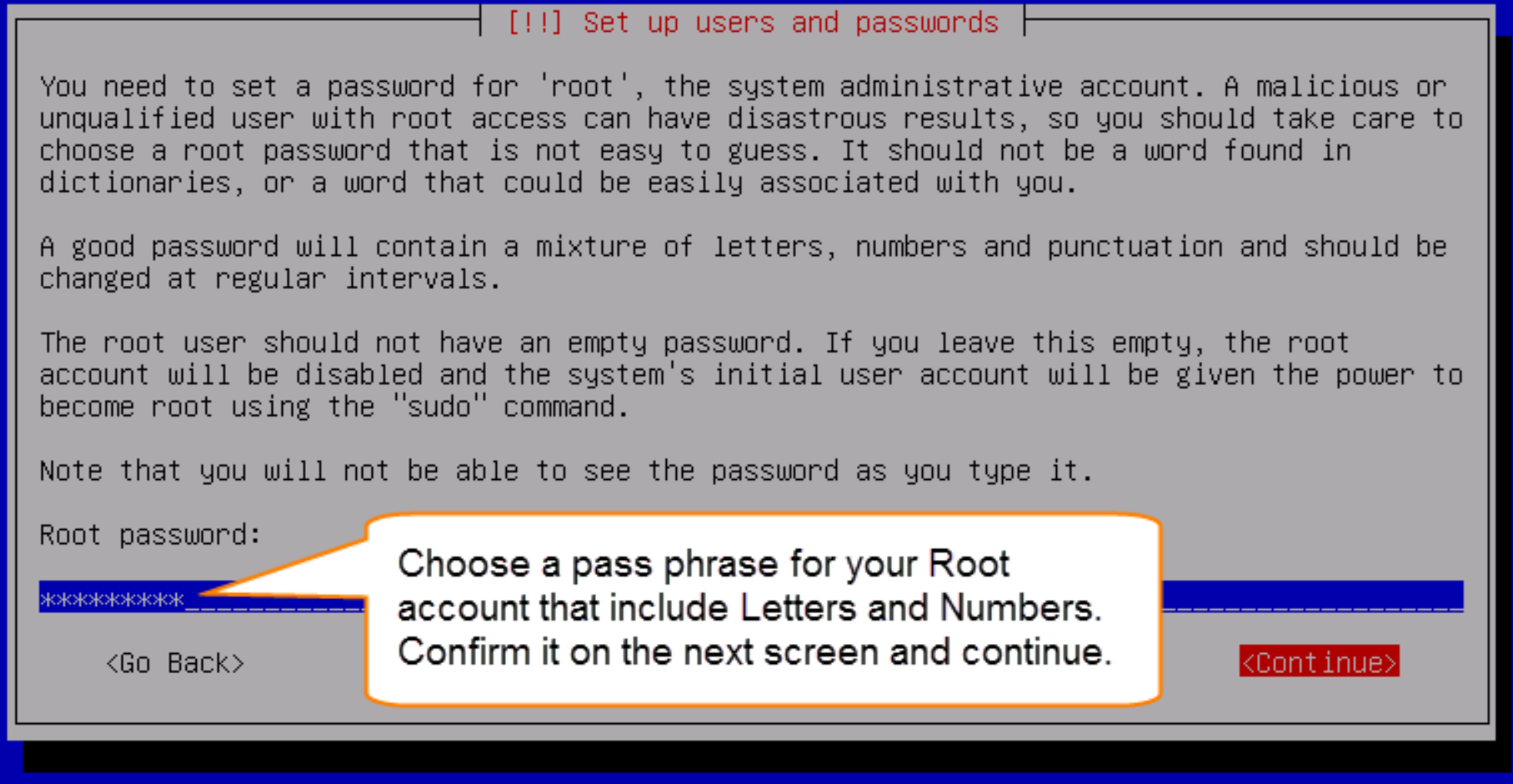
8

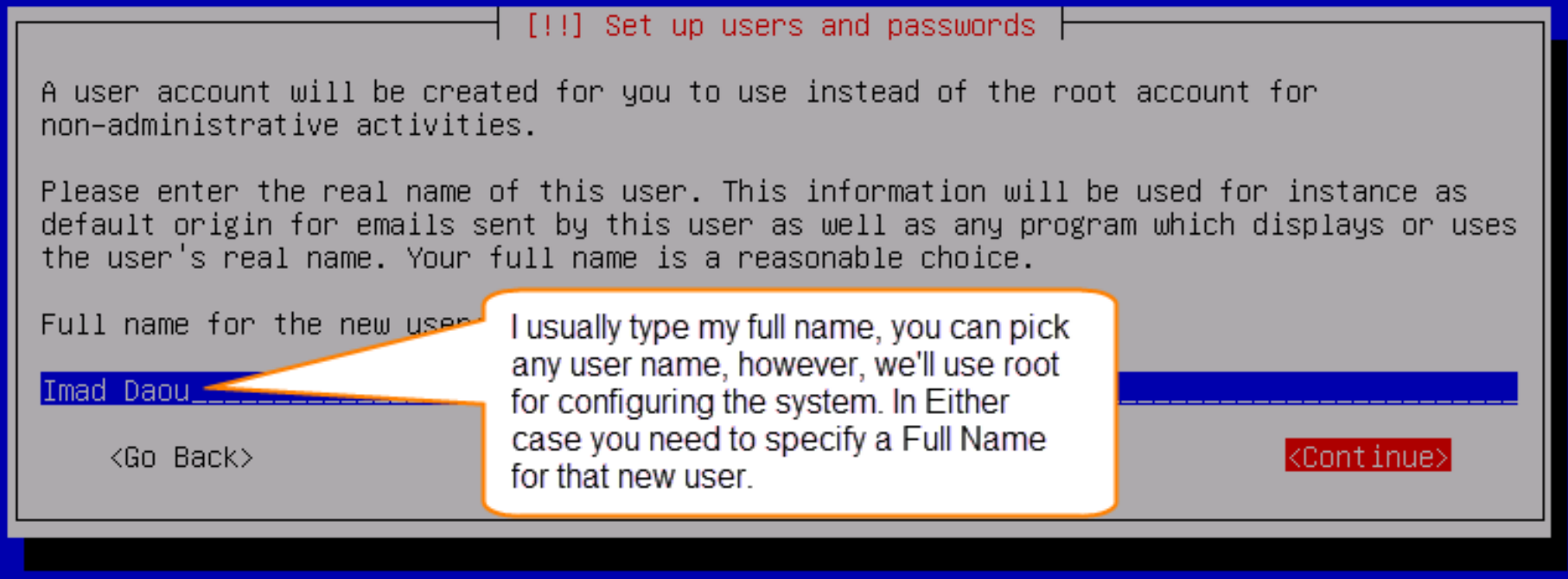


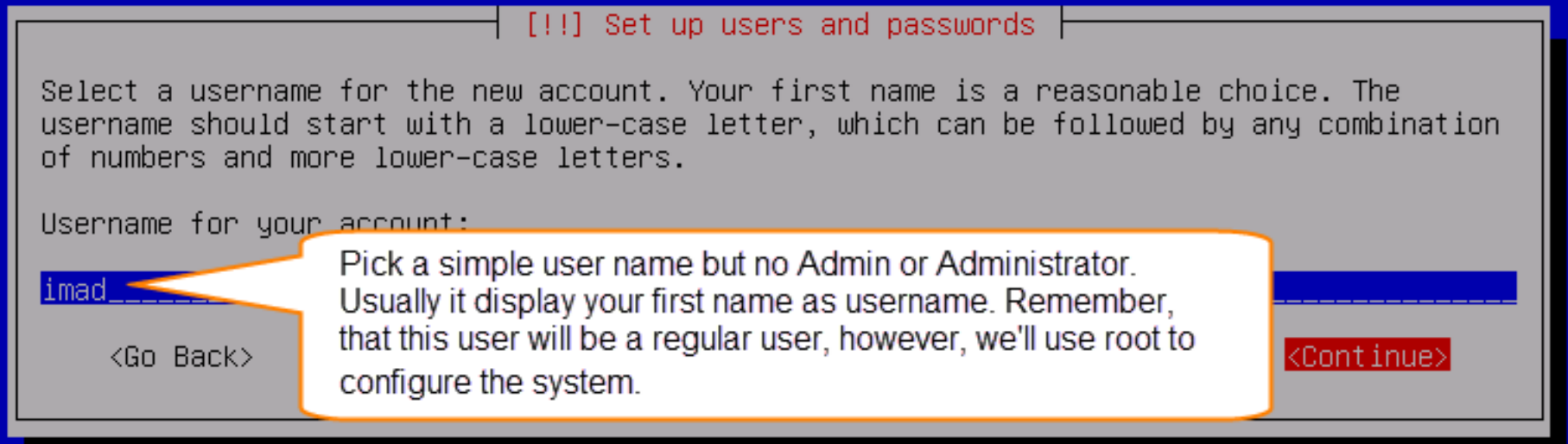

CCNA HUB

<Tab> moves; <Space> selects; <Enter> activates buttons


[!] Configure the network
The domain name is the part of your Internet address to the right of your host name. It is often something that ends in .com, .net, .edu, or .org. If you are setting up a home network, you can make something up, but make sure you use the same domain name on all your computers.
Domain name:
ccnahub.com
<Go Back>
<Continue>
Well, you can use your own domain if you have one, or leave it blank.

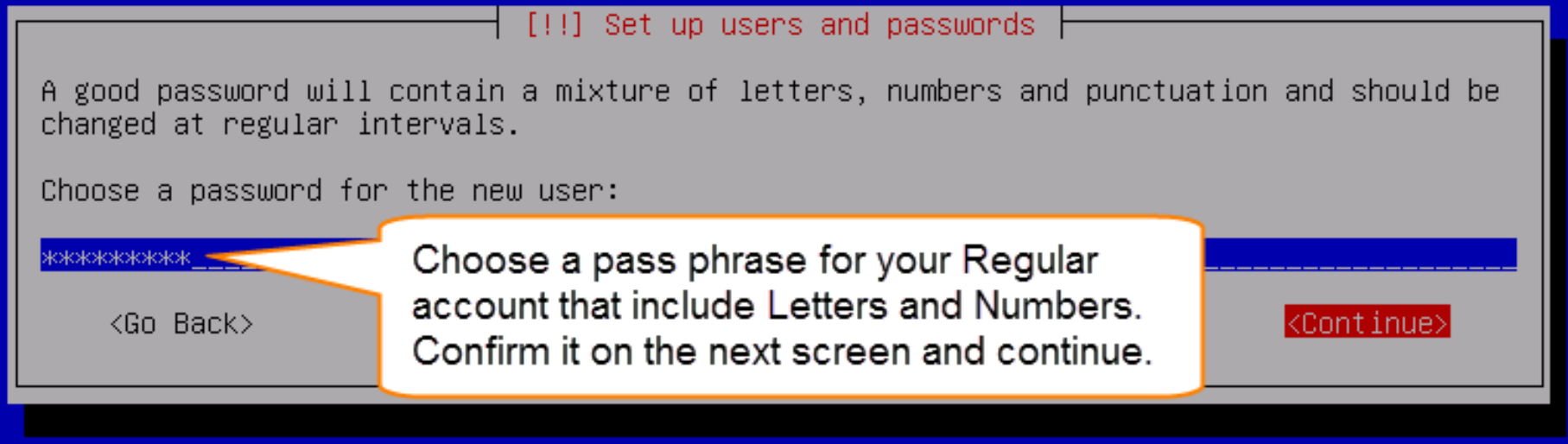

[!!] Set up users and passwords
You need to set a password for 'root', the system administrative account. A malicious or unqualified user with root access can have disastrous results, so you should take care to choose a root password that is not easy to guess. It should not be a word found in dictionaries, or a word that could be easily associated with you.
A good password will contain a mixture of letters, numbers and punctuation and should be changed at regular intervals.
The root user should not have an empty password. If you leave this empty, the root account will be disabled and the system's initial user account will be given the power to become root using the "sudo" command.
Note that you will not be able to see the password as you type it.
Root password:
**********
<Go Back>
<Continue>
Choose a pass phrase for your Root account that include Letters and Numbers. Confirm it on the next screen and continue.


[!!] Set up users and passwords
A user account will be created for you to use instead of the root account for non-administrative activities.
Please enter the real name of this user. This information will be used for instance as default origin for emails sent by this user as well as any program which displays or uses the user's real name. Your full name is a reasonable choice.
Full name for the new user
Imad Daou
<Go Back>
<Continue>
I usually type my full name, you can pick any user name, however, we'll use root for configuring the system. In Either case you need to specify a Full Name for that new user.






<Tab> moves; <Space> selects; <Enter> activates buttons

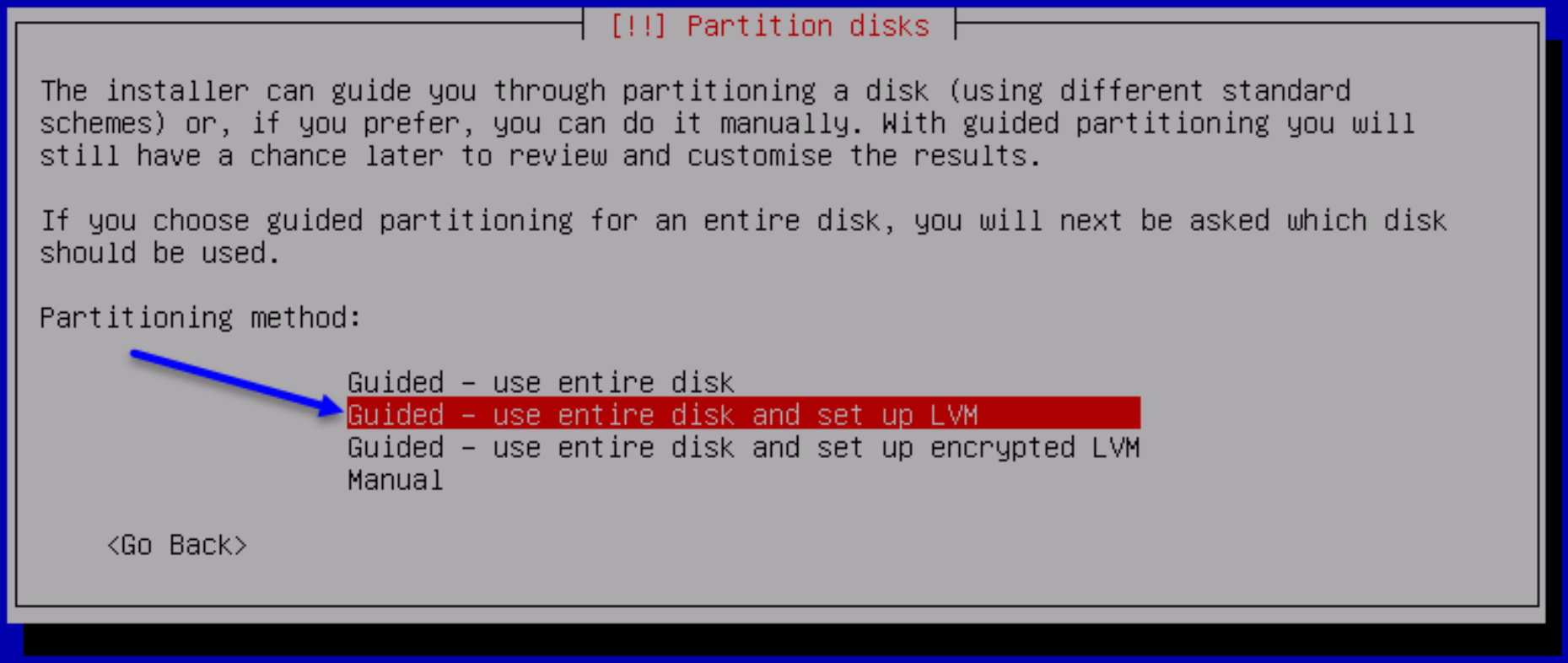

[!!] Set up users and passwords
A good password will contain a mixture of letters, numbers and punctuation and should be changed at regular intervals.
Choose a password for the new user:
**********
<Go Back>
<Continue>
Choose a pass phrase for your Regular account that include Letters and Numbers. Confirm it on the next screen and continue.

Select your time zone. Enter to continue...

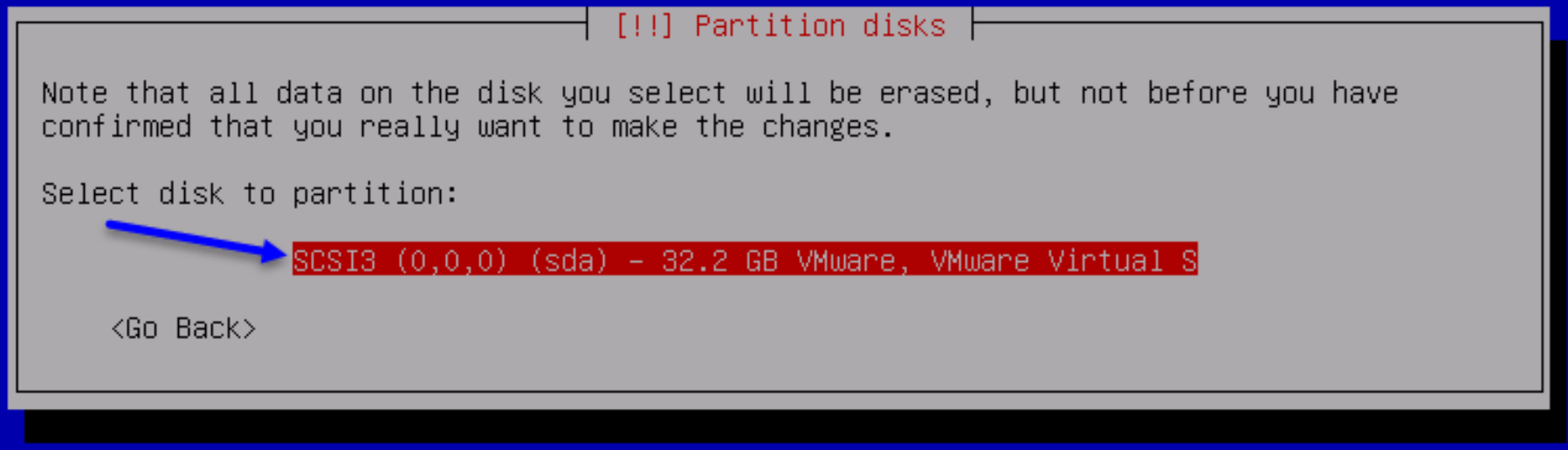



<Tab> moves; <Space> selects; <Enter> activates buttons

Use Guided with LVM. Enter to continue...

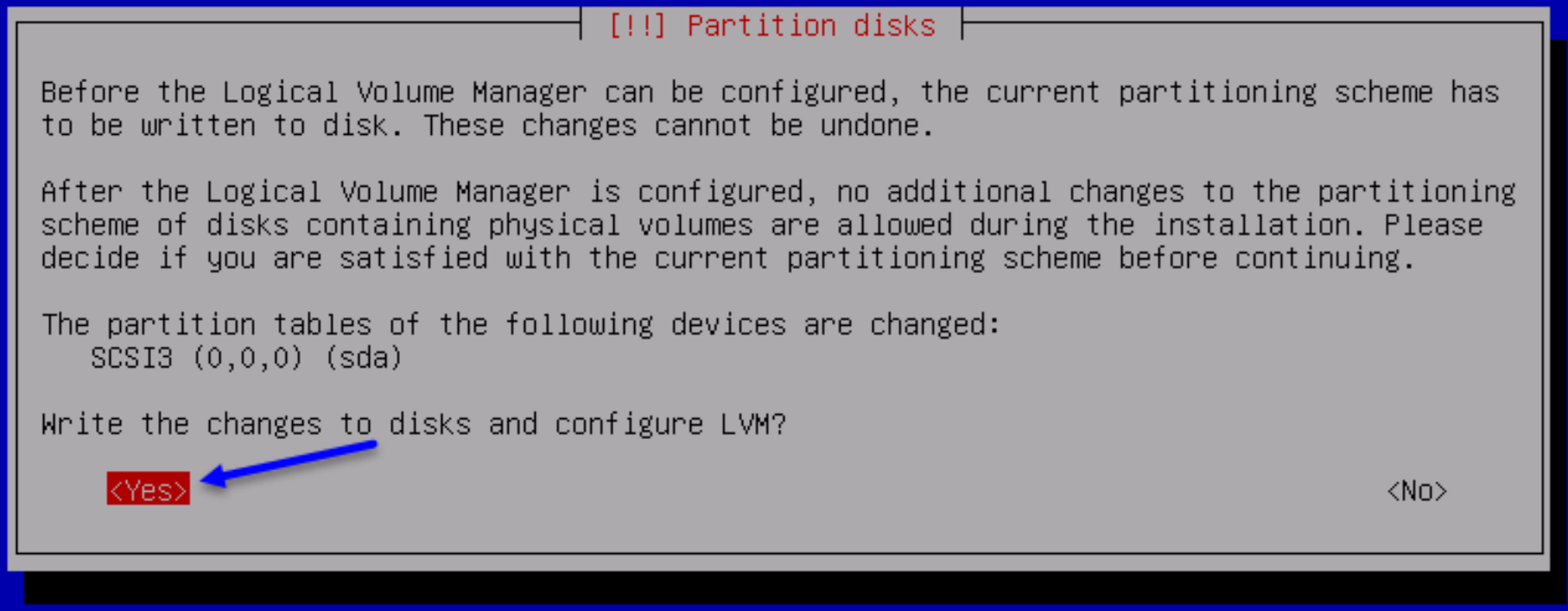


The disk will be selected. Enter to continue...



All Files in one Partition. Enter to continue...

Select Yes and Enter to continue...



Confirm the changes. Enter to continue...

[!!] Partition disks

This is an overview of your currently configured partitions and mount points. Select a partition to modify its settings (file system, mount point, etc.), a free space to create partitions, or a device to initialize its partition table.

Guided partitioning
Configure software RAID
Configure the Logical Volume Manager
Configure encrypted volumes

LVM VG debian7, LV root - 30.6 GB Linux device-mapper (linear)
#1 30.6 GB f ext4 /
LVM VG debian7, LV swap_1 - 1.4 GB Linux device-mapper (linear)
#1 1.4 GB f swap swap
SCSI3 (0,0,0) (sda) - 32.2 GB VMware, VMware Virtual S
#1 primary 254.8 MB f ext2 /boot
#5 logical 32.0 GB K lvm

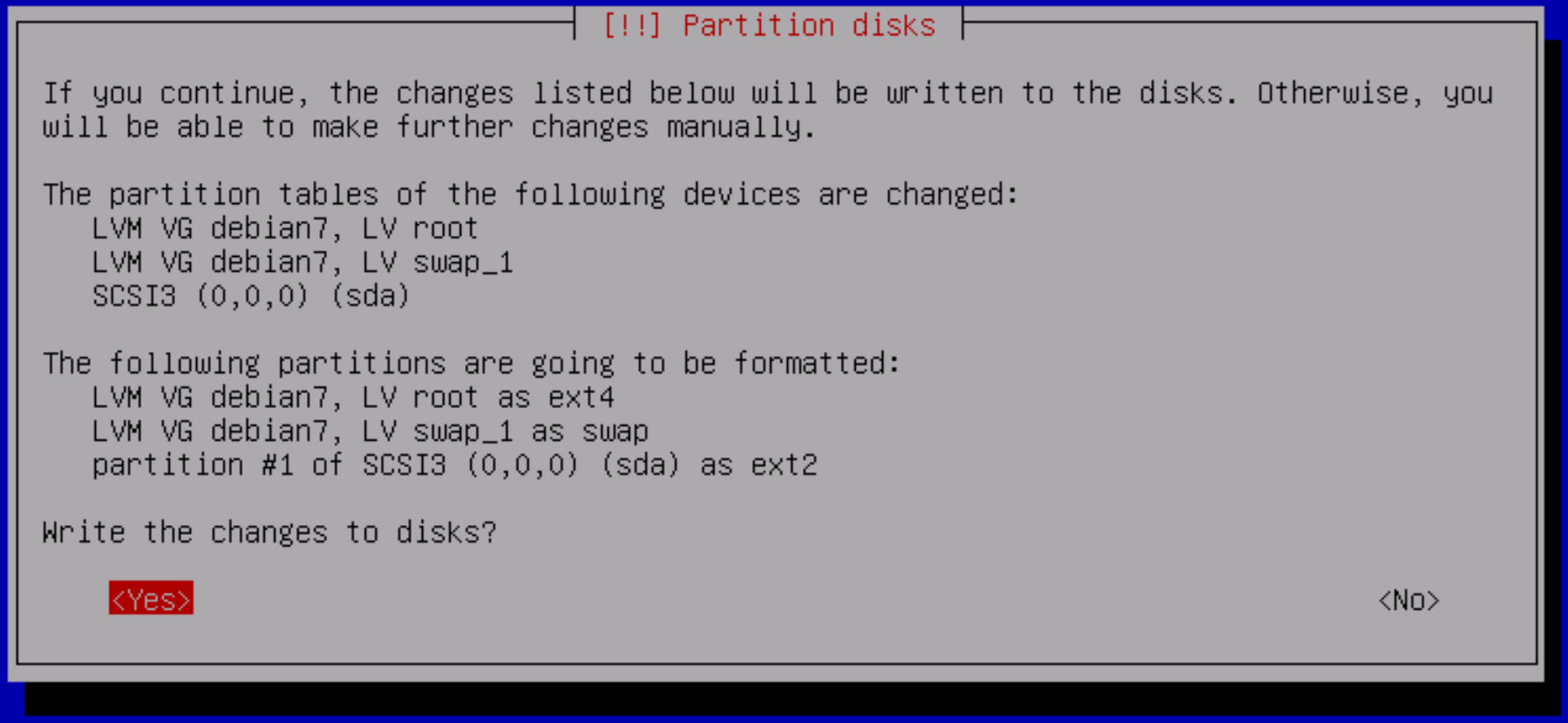
Undo changes to partitions
Finish partitioning and write changes to disk

<Go Back>

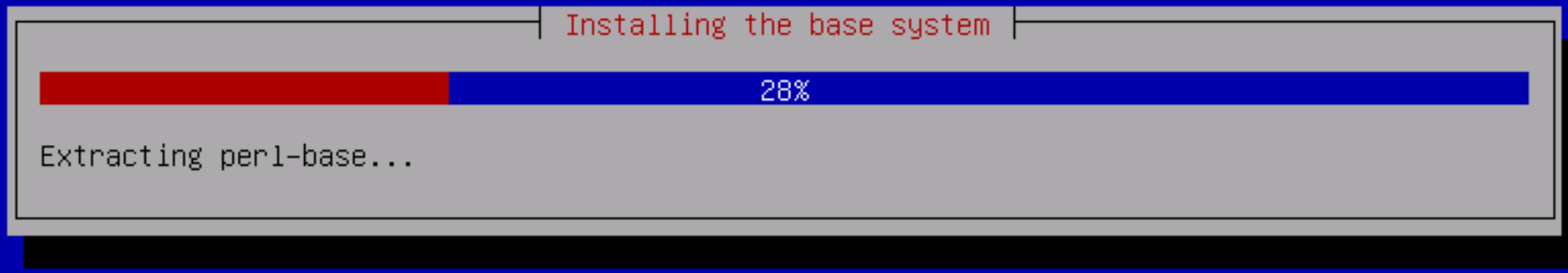


<F1> for help; <Tab> moves; <Space> selects; <Enter> activates buttons

Select Yes and Enter to continue...



Please wait while the base system getting installed.

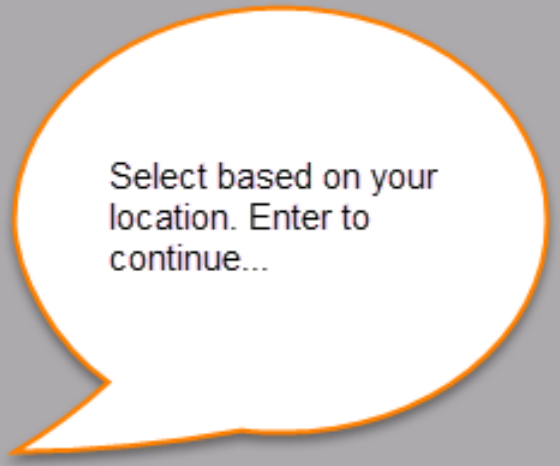


[!] Configure the package manager

The goal is to find a mirror of the Debian archive that is close to you on the network -- be aware that nearby countries, or even your own, may not be the best choice.

Debian archive mirror country:

New Zealand
Nicaragua
Norway
Philippines
Poland
Portugal
Romania
Russian Federation
Serbia
Singapore
Slovakia
Slovenia
South Africa
Spain
Sweden
Switzerland
Taiwan
Tajikistan
Thailand
Turkey
Ukraine
United Kingdom
United States




<Go Back>

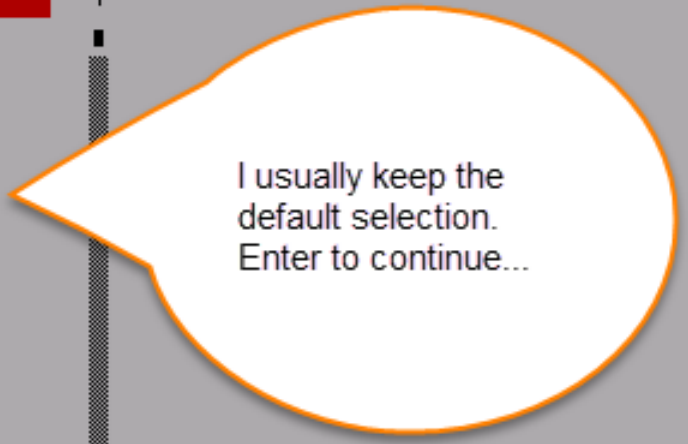
[!] Configure the package manager

Please select a Debian archive mirror. You should use a mirror in your country or region if you do not know which mirror has the best Internet connection to you.

Usually, ftp.<your country code>.debian.org is a good choice.

Debian archive mirror:

ftp.us.debian.org
ftp.egr.msu.edu
mirrors.kernel.org
debian.lcs.mit.edu
debian.osuosl.org
ftp-nyc.osuosl.org
ftp-chi.osuosl.org
mirror.cc.columbia.edu
mirror.hmc.edu
mirror.ancl.hawaii.edu
debian.cc.lehigh.edu
debian.gtisc.gatech.edu
cdn.debian.net
ftp.gtlib.gatech.edu
ftp-mirror.internap.com
ftp.uwsg.indiana.edu
debian.uchicago.edu
carroll.aset.psu.edu
mirrors.xmission.com
ftp.keystealth.org
mirror.lug.udel.edu

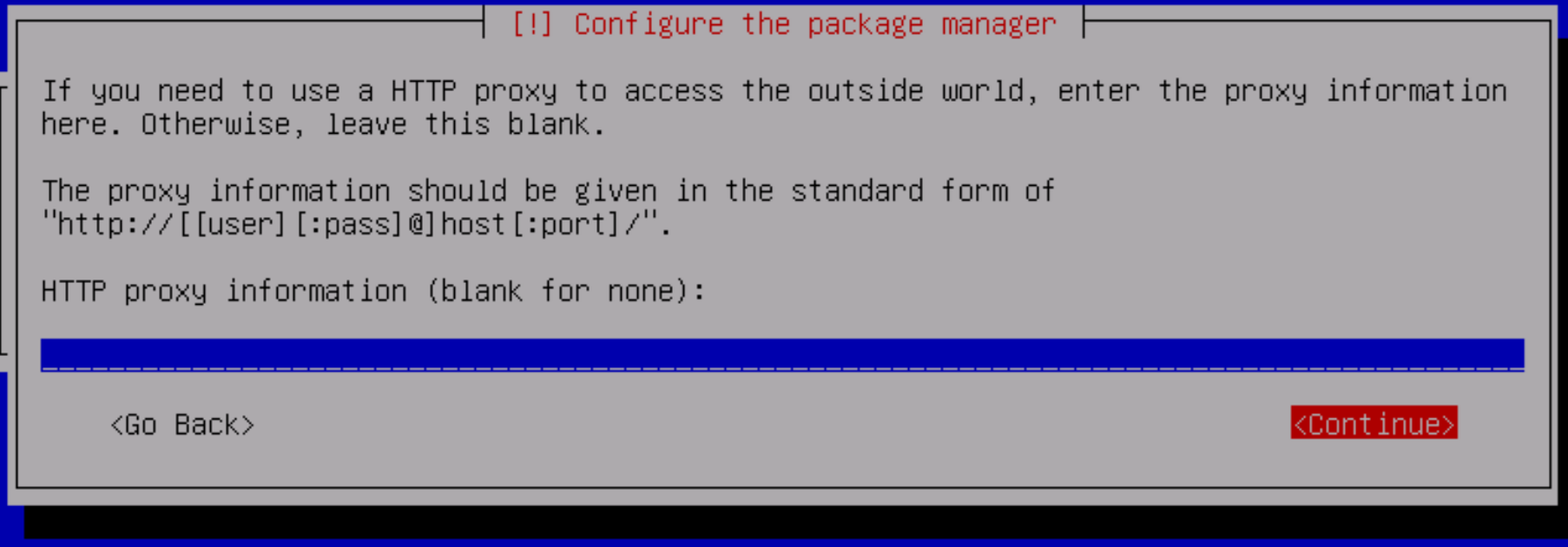



<Go Back>

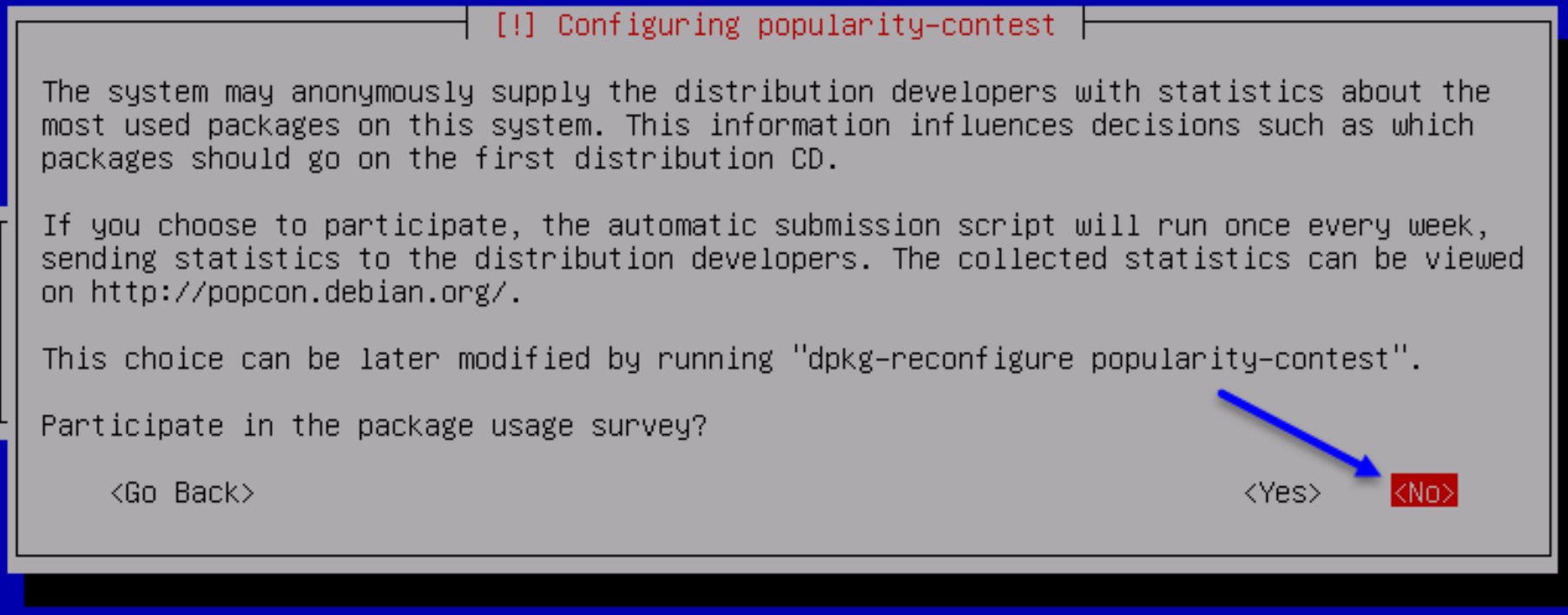


<Tab> moves; <Space> selects; <Enter> activates buttons

If your ISP provider uses Proxy, then type your HTTP proxy. Leave it blank if your internet service provider never need a proxy to connect you to the internet.



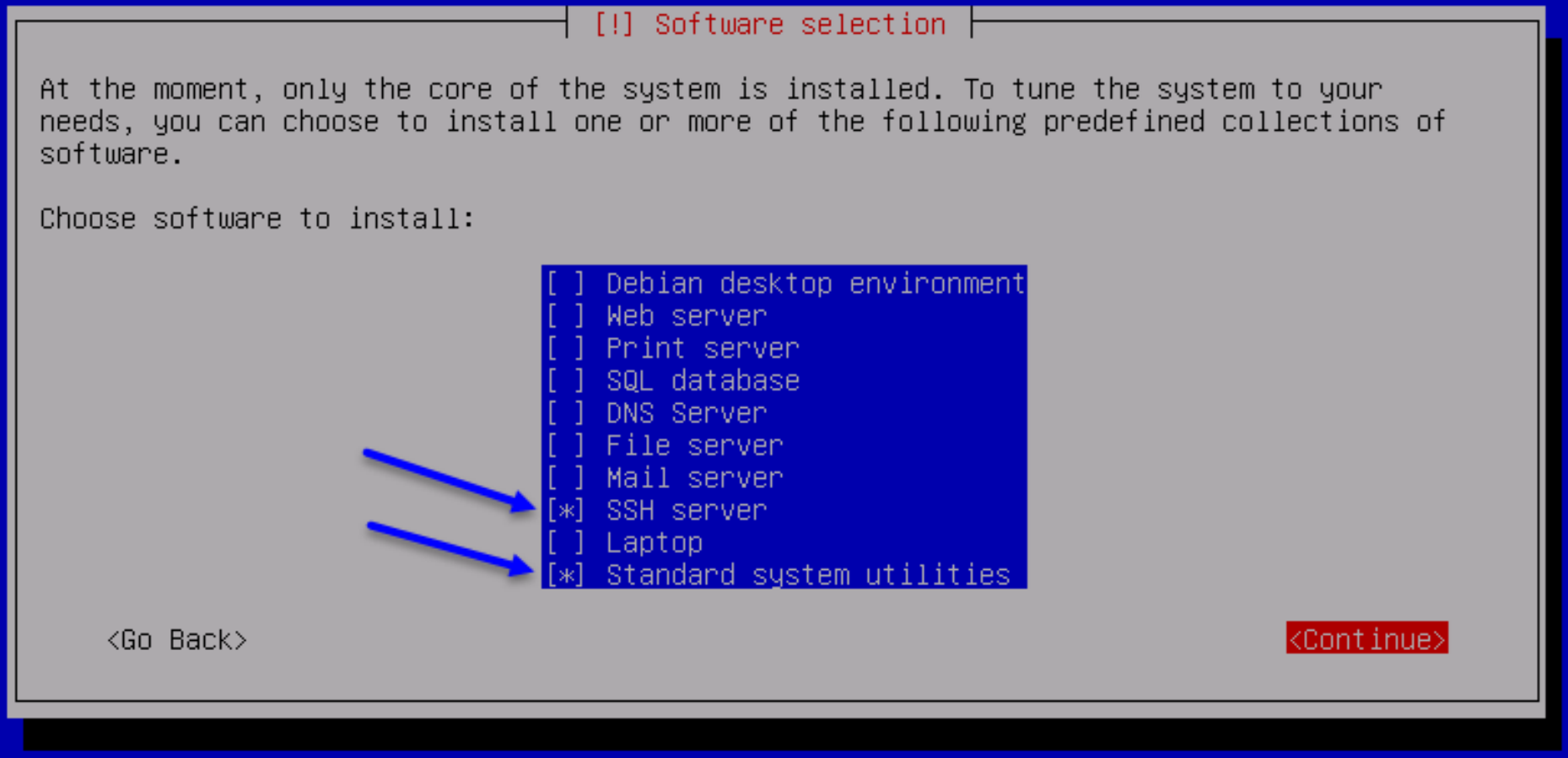
Select NO and Enter to continue...



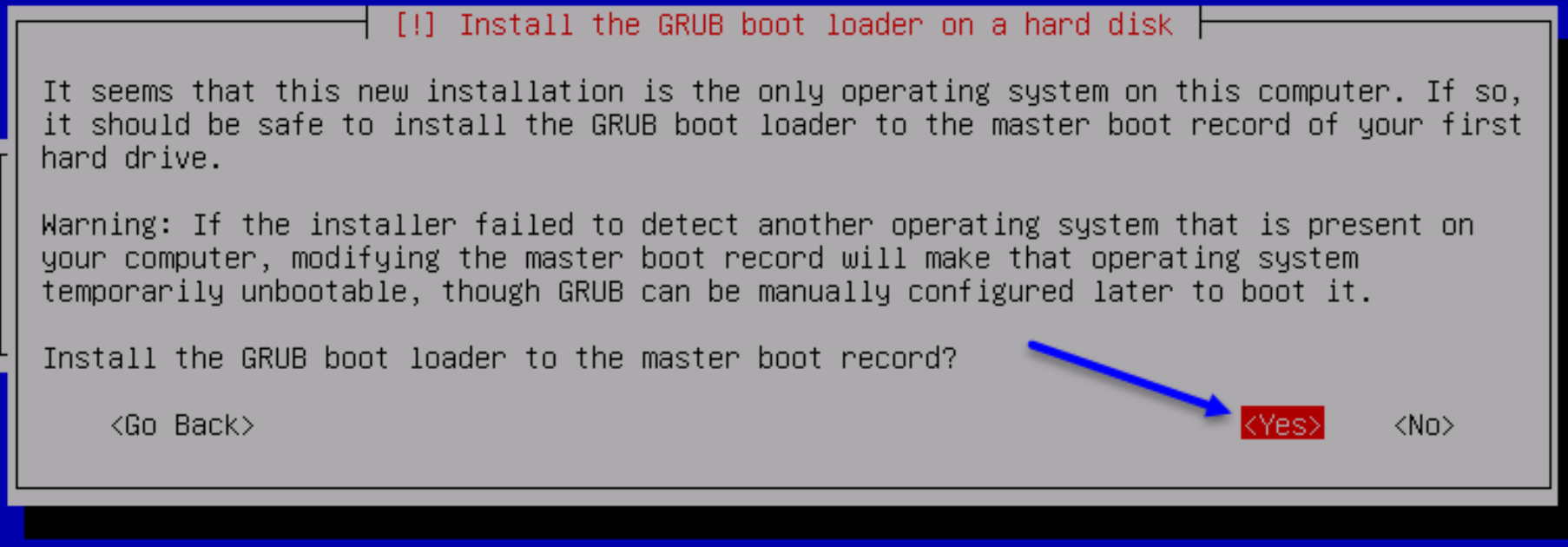



<Tab> moves; <Space> selects; <Enter> activates buttons

To manage the system remotely using SSH client such Putty, select SSH Server. Besides, select "Standard System Utilities". Use the space bar to select. Any other needed packages will be installed later on.



Yes, install GRUB. Enter to continue...



Congratulations! You made it :)

Disregard the following message. Usually it bypass the ISO file and boots into the OS Server, however, we can remove the ISO file from settings later on.

Thanks for following CCNA HUB OS setup instructions. Next, would be login and configuring basic requirements. For now, press Enter to boot into your new Server.