Ubuntu 16.04 Graphical Installation Guide

V1.0

Initiated by	Darryl Hsu	Job Title	Tech Support Engineer	Signature	
Release Status	V1.0			Release Date	2018/09/04

Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

Version

Version	Date	Editor	Comment
V1.0	2018/09/04	Darryl Hsu	First released version

Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

Contents

Version..... 2
Purpose..... 4
Requirements 4
Before Installing Ubuntu 4
Procedures 4

Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

Purpose

This guide is to provide a simple step-by-step guidance for users to follow on how to install Ubuntu OS on Advantech server.

Requirements

a. Internet connection

b. DVD burner with blank DVD medium or USB stick drive of minimum 2GB size

Before Installing Ubuntu

a. Download Ubuntu image from ***Official Ubuntu download page***

b. Create bootable DVD or USB stick

1. Please go to ***How to burn a DVD on Windows from official Ubuntu tutorials***
2. Please go to ***Create a bootable USB stick on Windows from official Ubuntu tutorials***

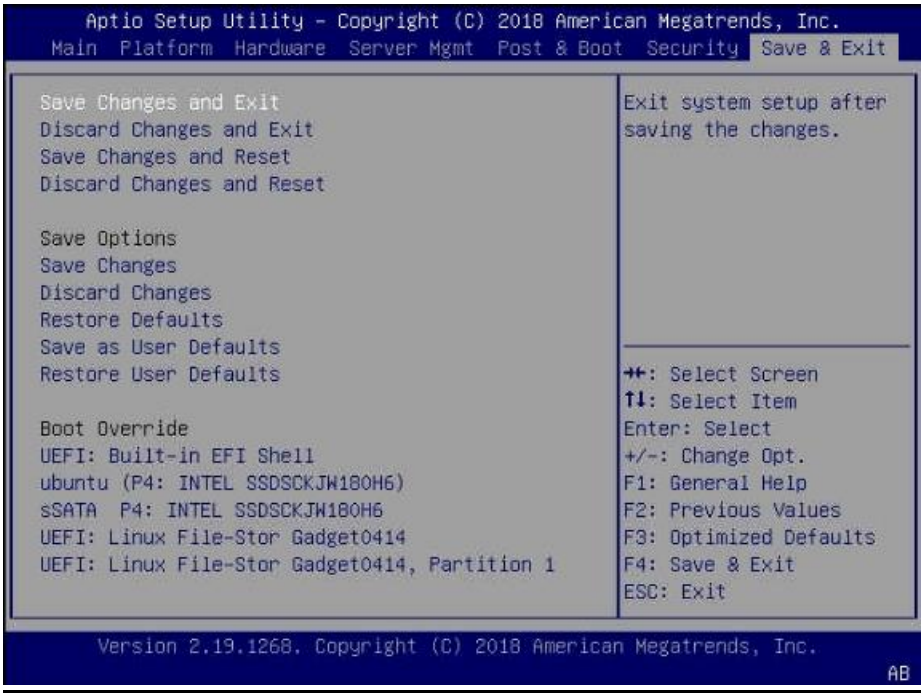
Procedures

a. Boot from install media

1. Put the Ubuntu DVD into your DVD drive or insert the USB stick or other install media.
2. Power up the Advantech server and go to the BIOS by hitting the "***DEL***" or "***F2***" key.

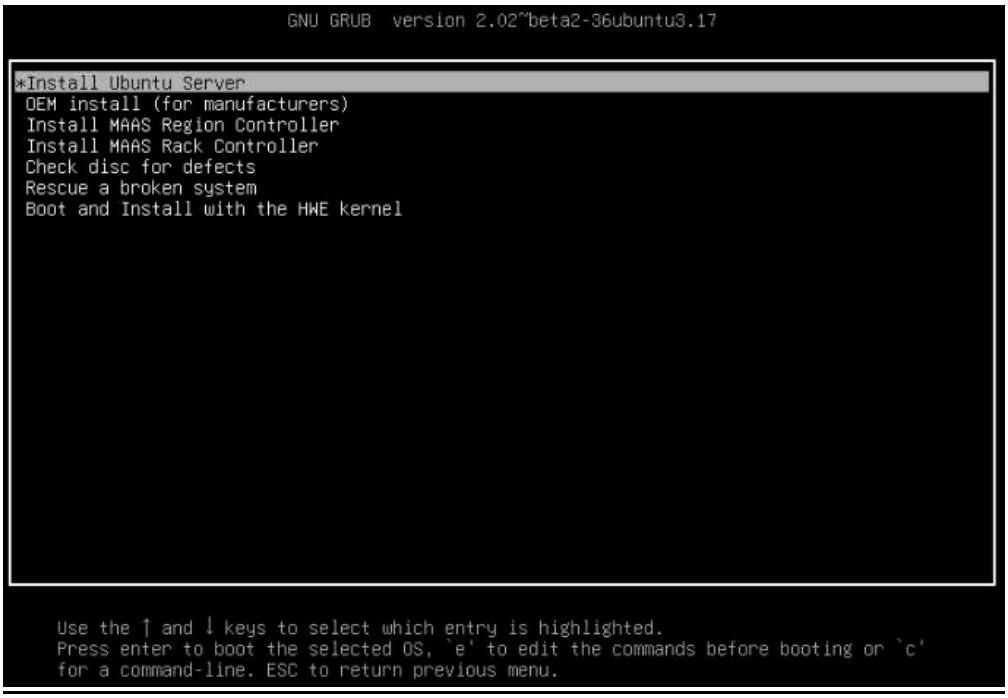
Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

3. In BIOS setup menu, move to the “Save&Exit” menu. You can select the DVD or USB stick in the “Boot Override” Menu. Boot Override will modify the boot order for a single boot process only and will automatically revert back to the original boot priority. After making these changes leave the Setup Menu via “Save&Exit”.



Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

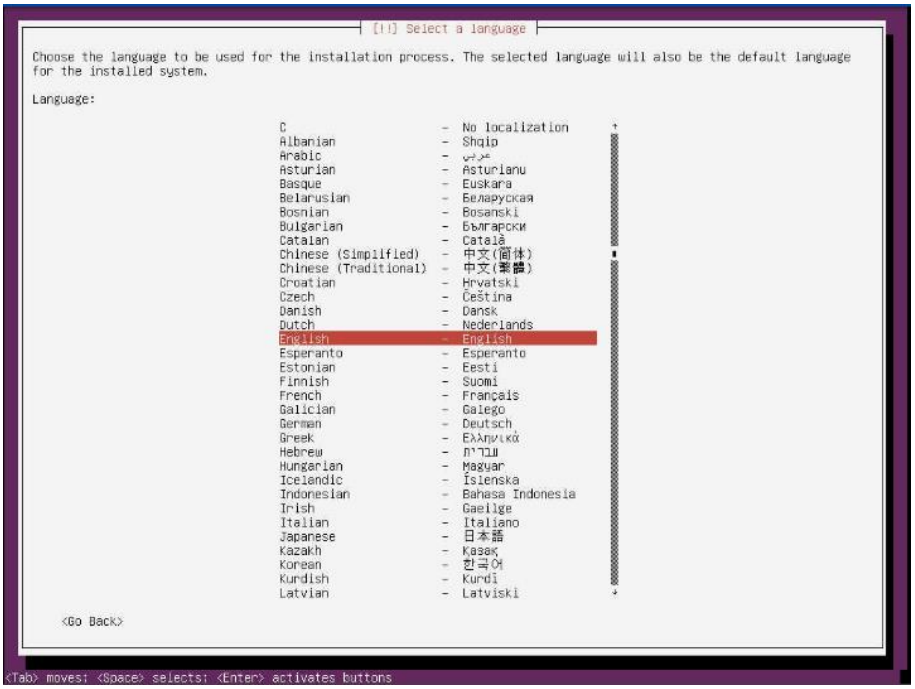
4. After a few seconds, you should see messages like those shown below on the screen.



5. Select “Install Ubuntu Server” to install on Advantech server.

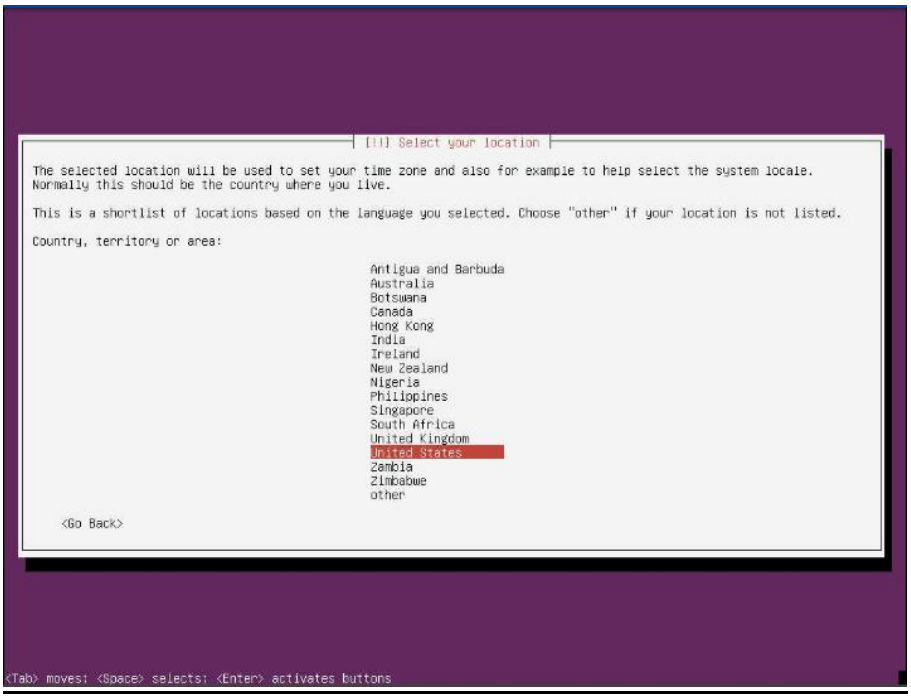
b. Start to install Ubuntu OS on Advantech server.

1. Choose your language

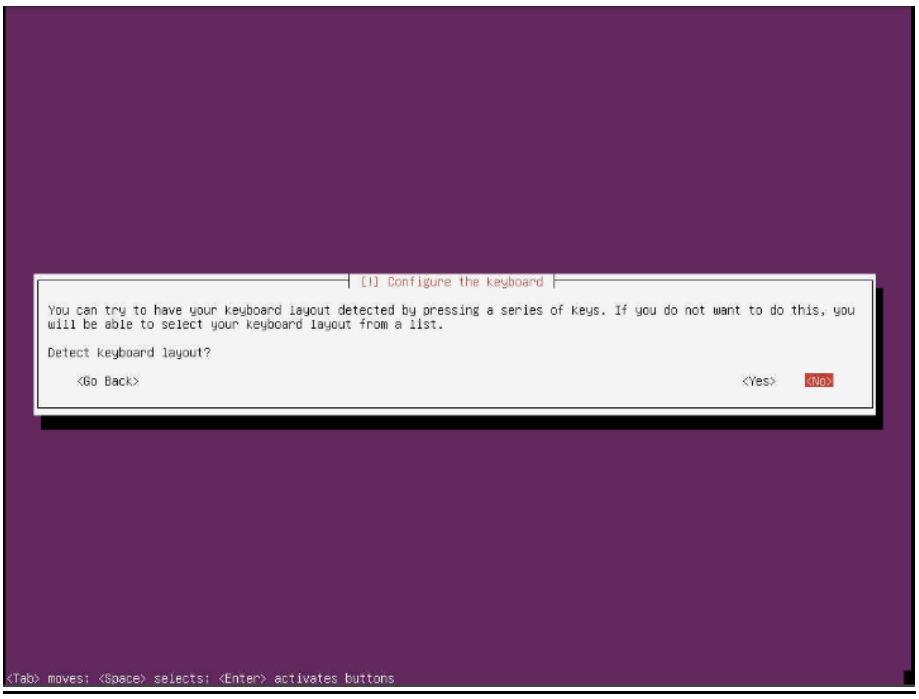


Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

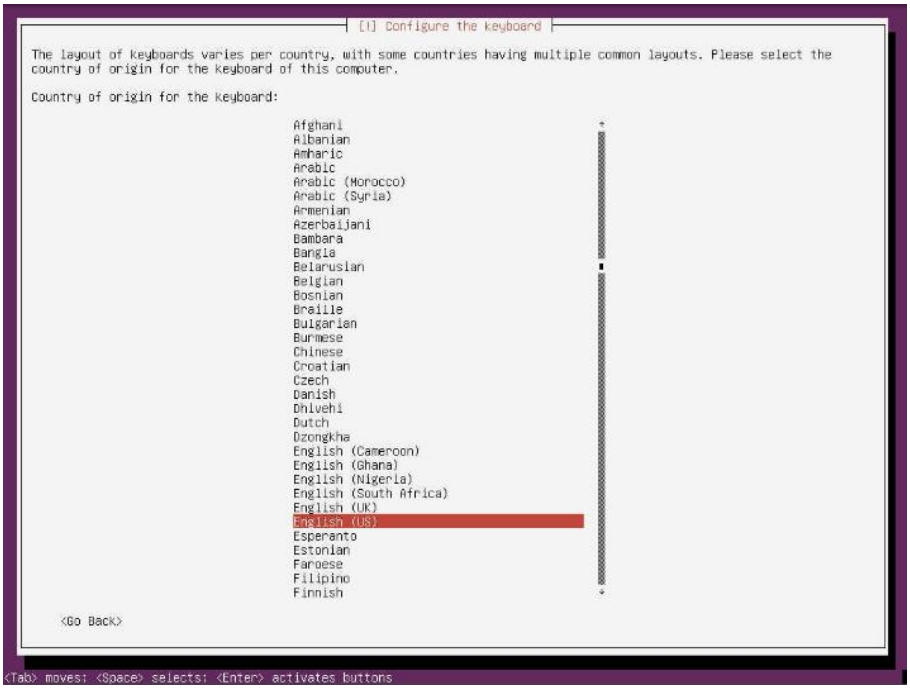
2. Choose your location

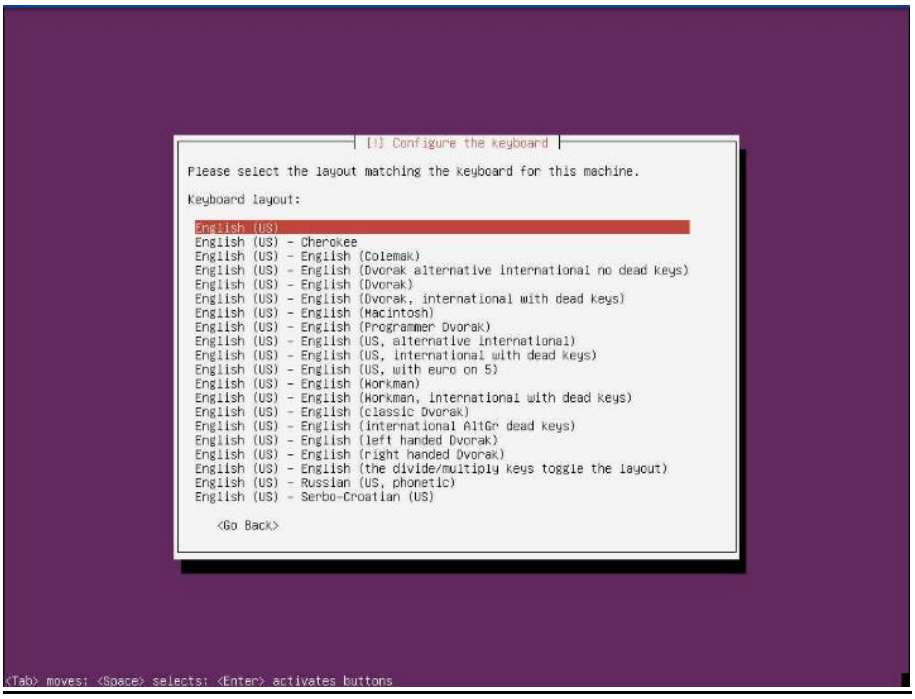


3. Choose the correct keyboard layout



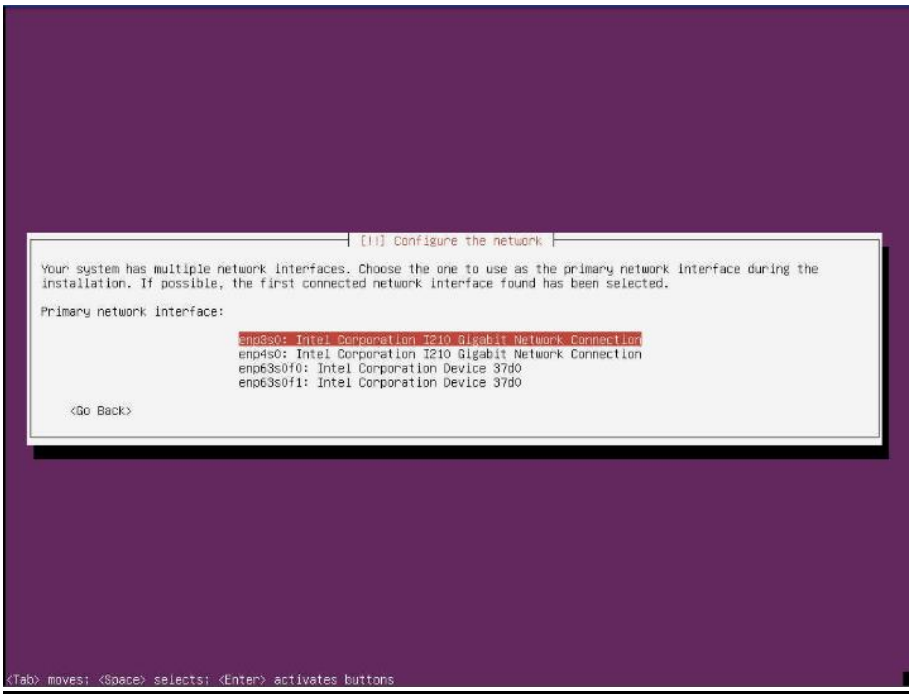
Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written





Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

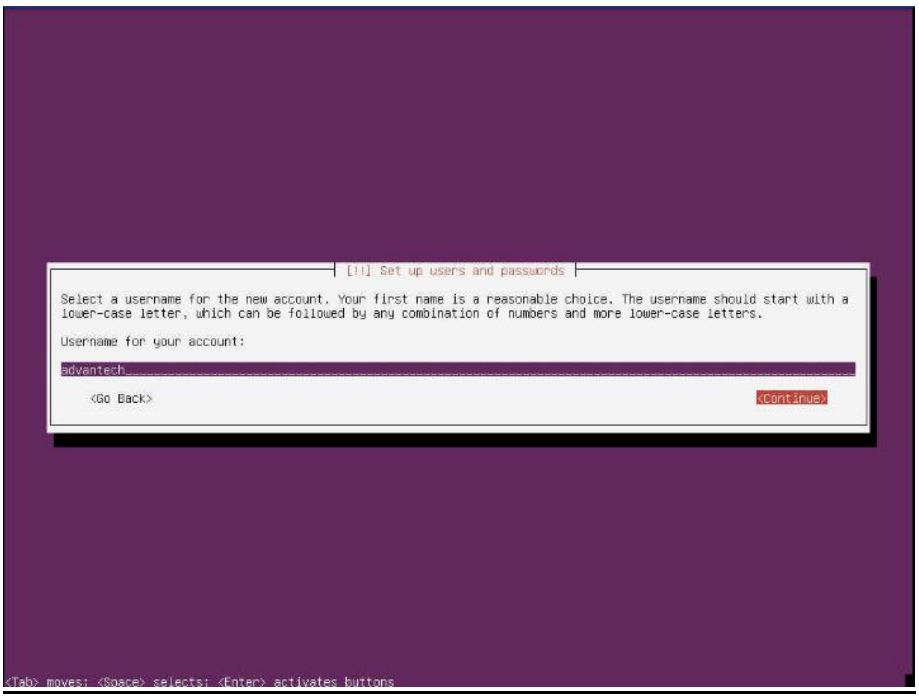
4. Configure the network with DHCP if there is a DHCP server in the network.



5. Enter the hostname of the system

Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

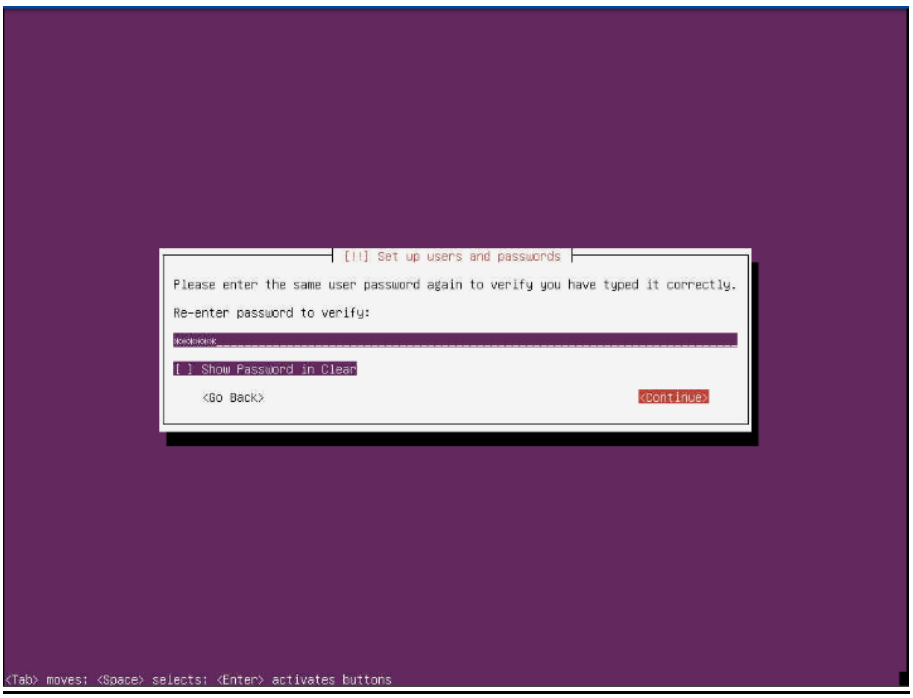
6. Log-in as a root user directly is not allowed by Ubuntu. Therefore, you need to create a new system user for the initial login.



Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

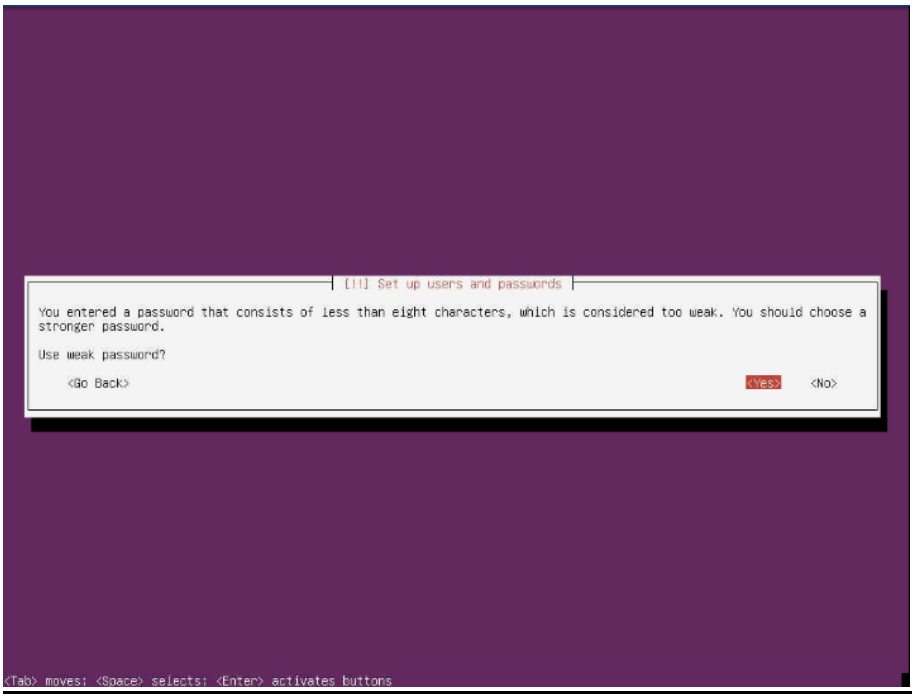
7. Choose a password for the new user

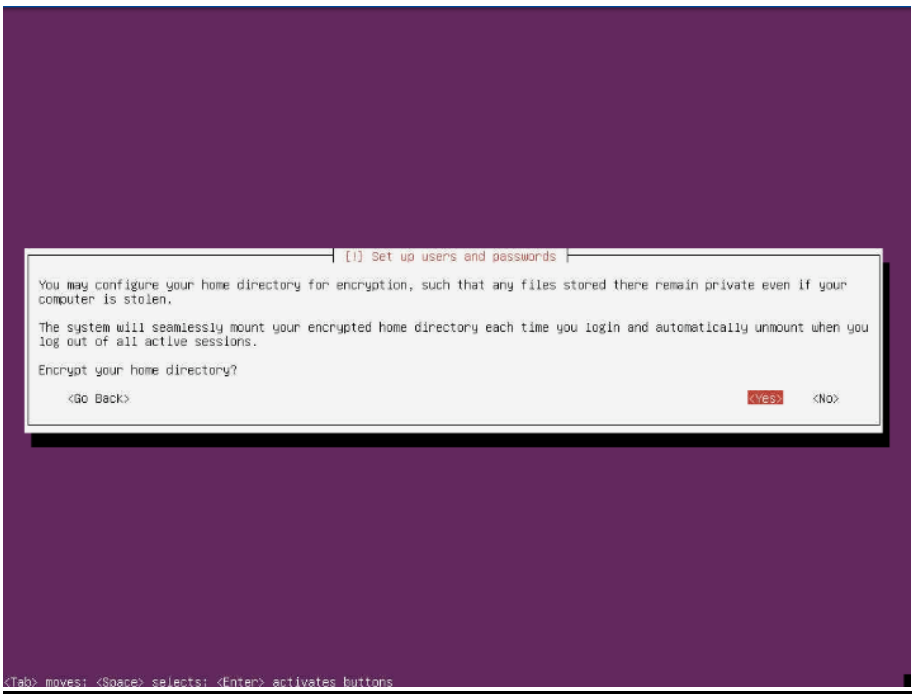
8. Re-enter password to verify



Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

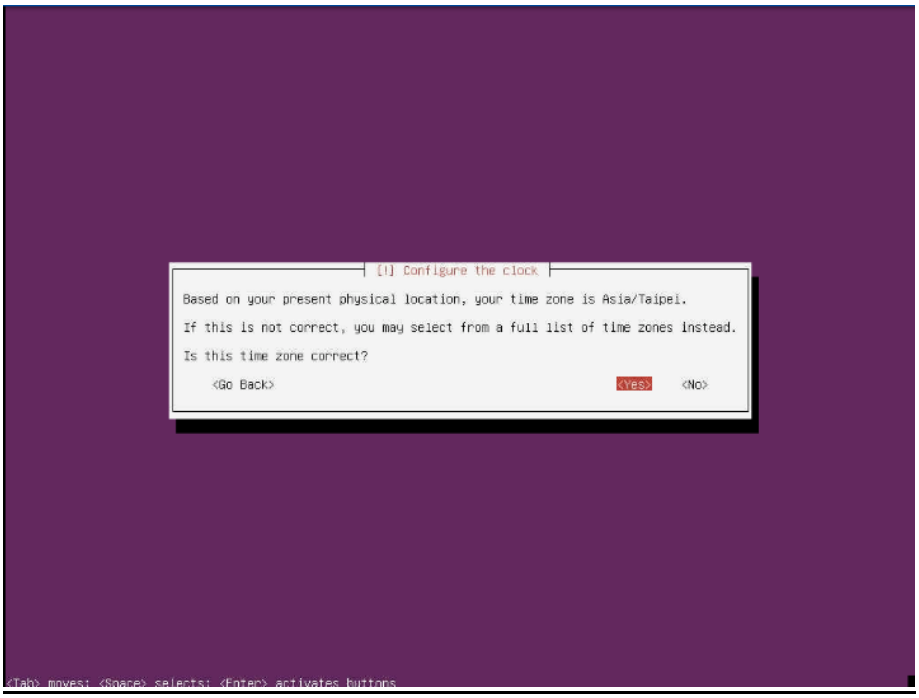
9. If the password you set is too weak, then the installation will warn you by showing below message on the screen.



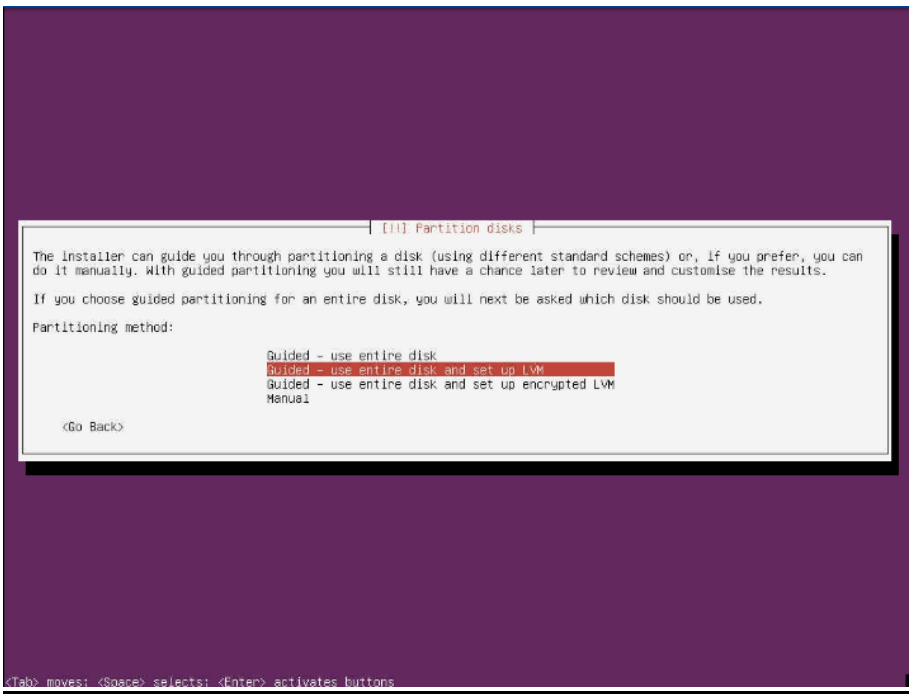


Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

10. Configure the clock

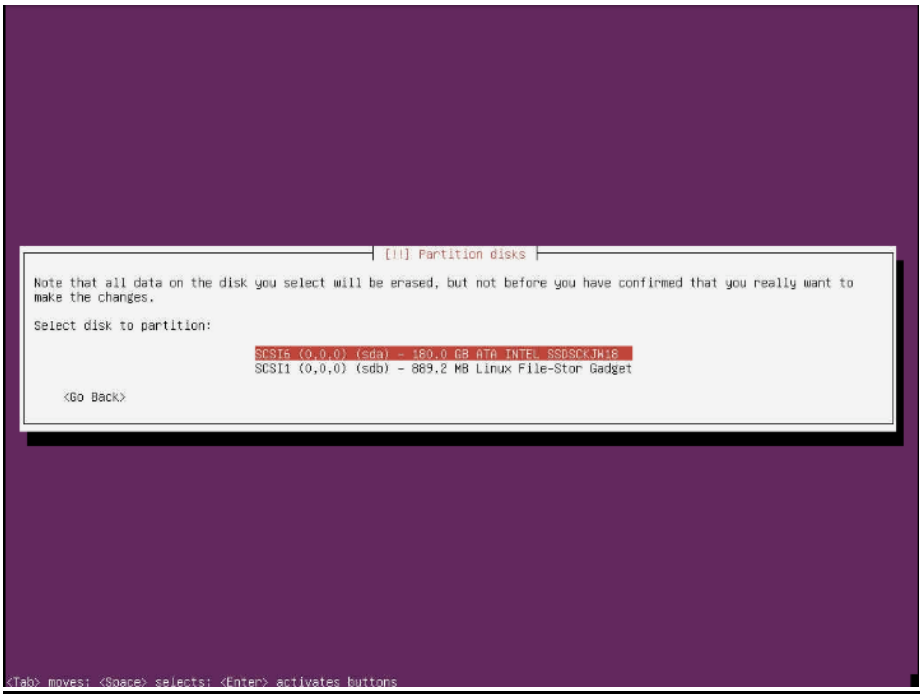


11. Choose partition disks



Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

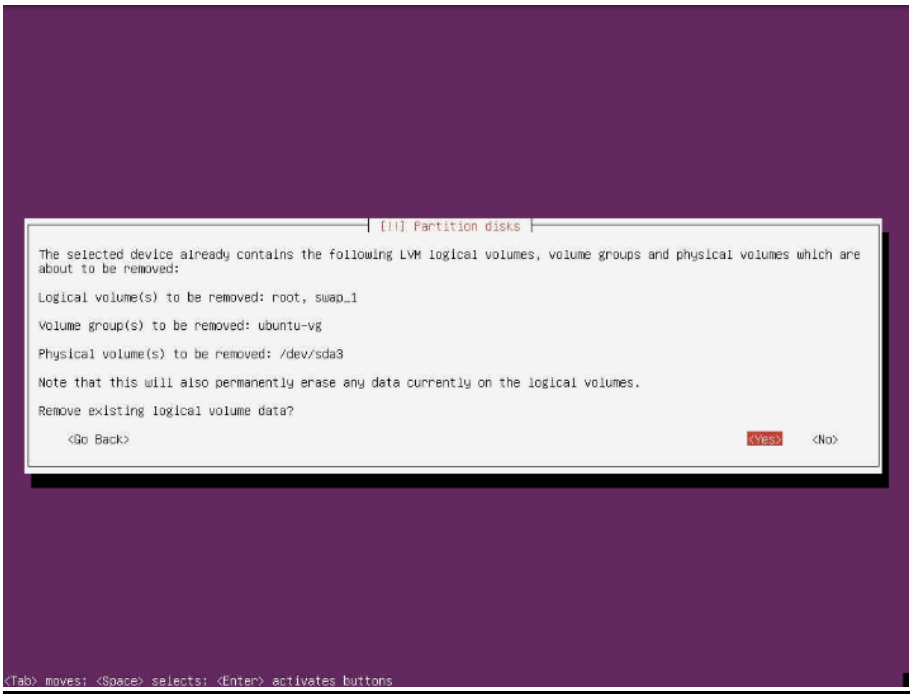
12. Choose a disk device

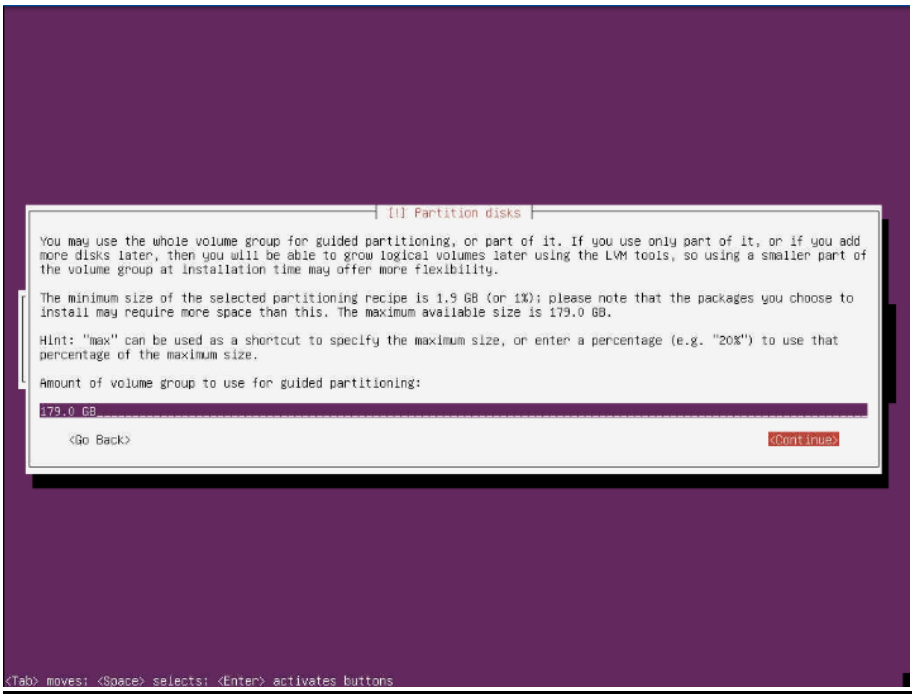


13. Confirm disk device

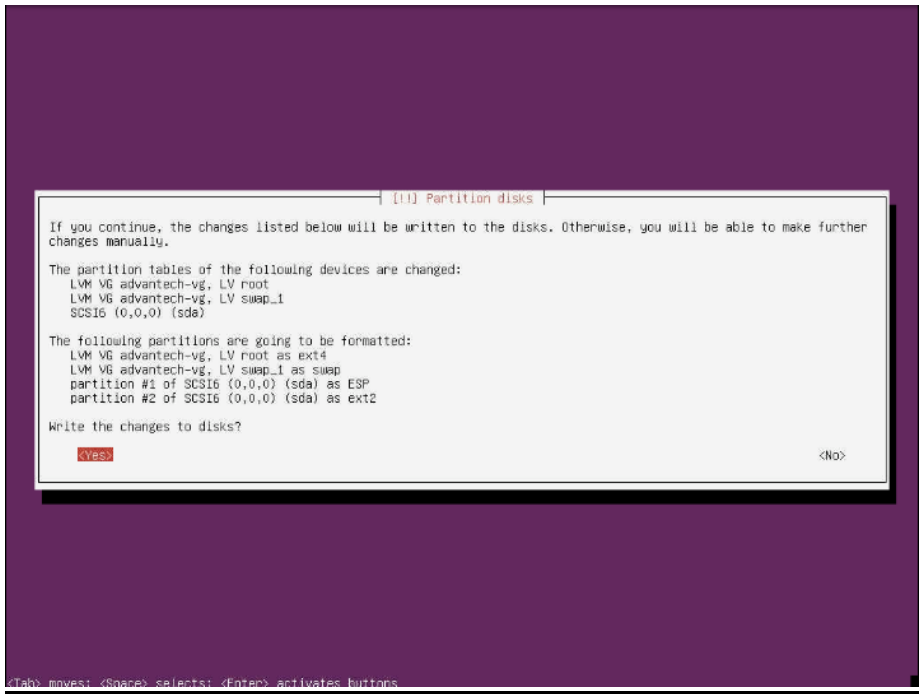
Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

14. Confirm partition



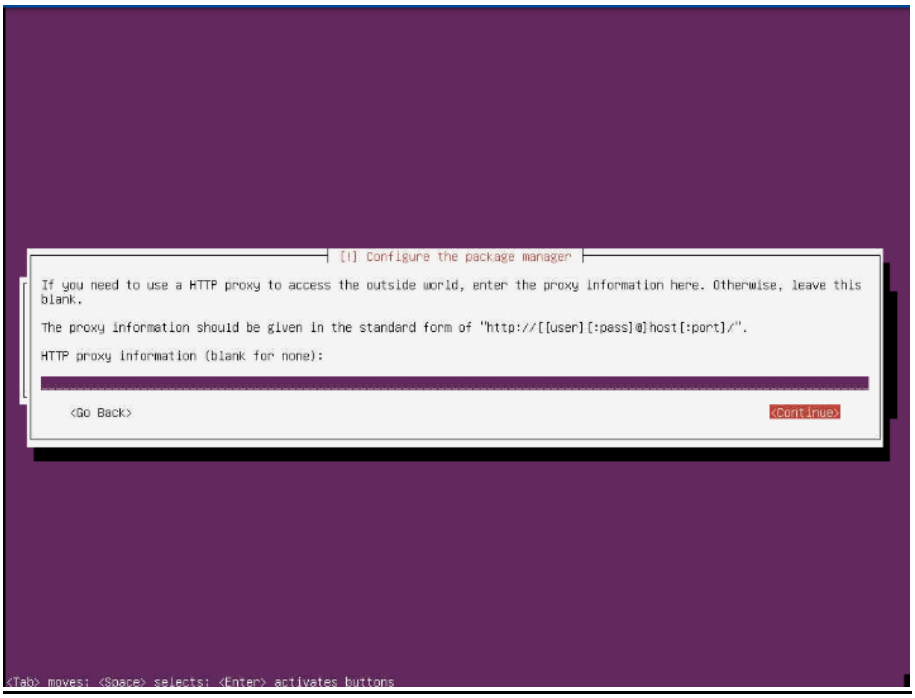


Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written



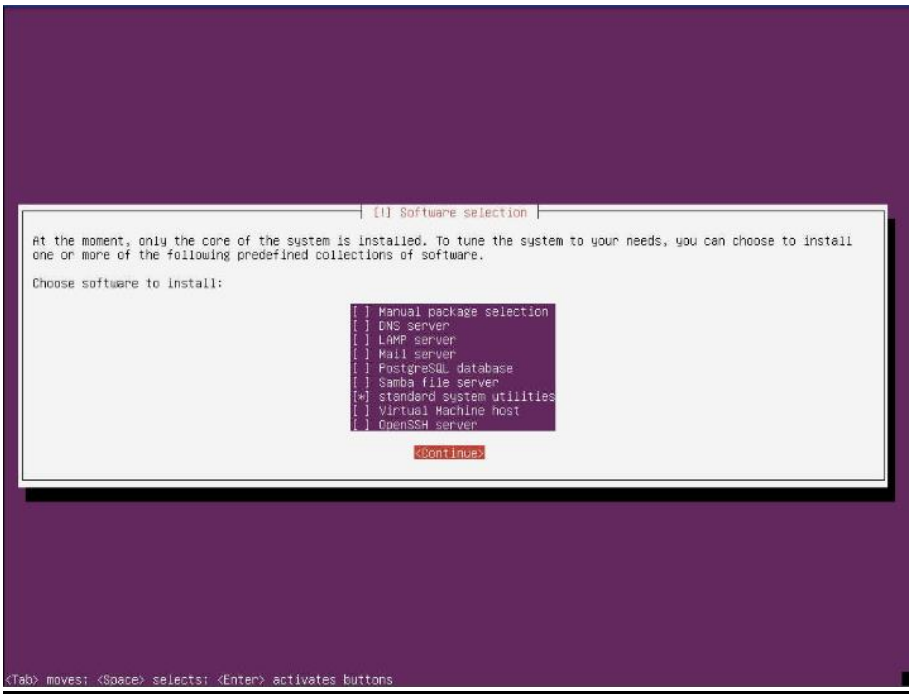
Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

15. Configure the package manager

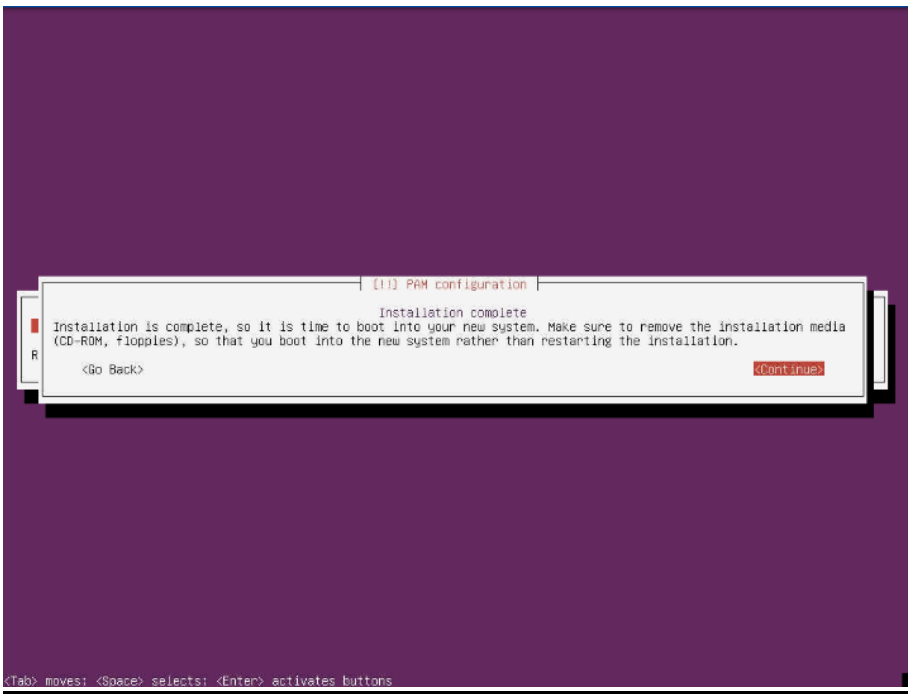


Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

16. Choose software to install



17. Installation complete



Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written

18. First time log-in screen after the system reboot.

Drawings and specifications herein are property of Advantech and shall not be reproduced or copied or used without prior written