

HOW TO SETUP XTREME SERVER SETUP

Items required:-

Hardware:

- Server System: -
 - 2 network card,
 - 4 core processor,
 - 8Gb RAM,
 - minimum 10Gb hard drive.
- USB flash drive (2gig minimum) or
- Ubuntu 18.04.5 CD
- Desktop/Laptop with Windows OS
- Internet connectivity

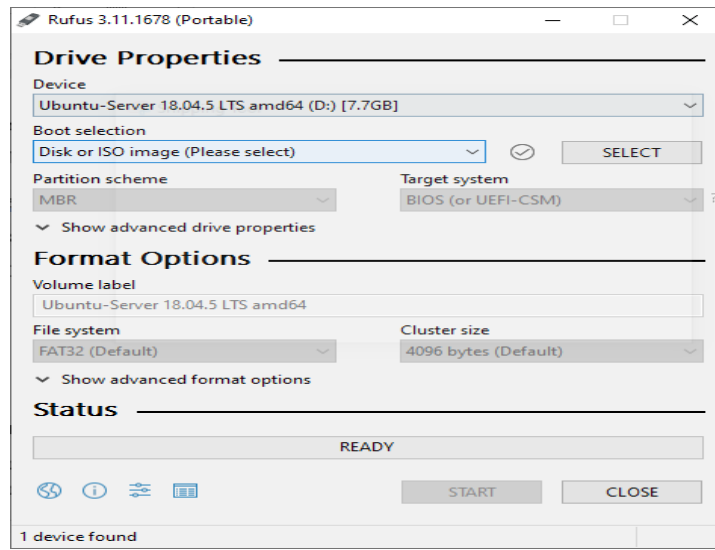
Software:

- ubuntu 18.04.5 ISO/ ubuntu 18.04.5 bootable cd
- ISO to USB Creator (RUFUS)
- Xtreme Server packages (from this link
https://bitbucket.org/emre1393/xtreamui_mirror/src/master/)

Processes involve: -

- If **Ubuntu 18.04.5 CD** is available proceed to server installation step, but if you are using USB flash drive (2gig minimum) continue with how to write ubuntu 18.04.5 ISO to USB flash drive.
- Login to Desktop/Laptop with Windows OS,
- download ISO to USB Creator (RUFUS) from this link (<https://rufus.ie>)
- Download ubuntu 18.04.5 ISO if you don't have the ISO from this link (<https://releases.ubuntu.com/18.04.5/ubuntu-18.04.5-live-server-amd64.iso>)

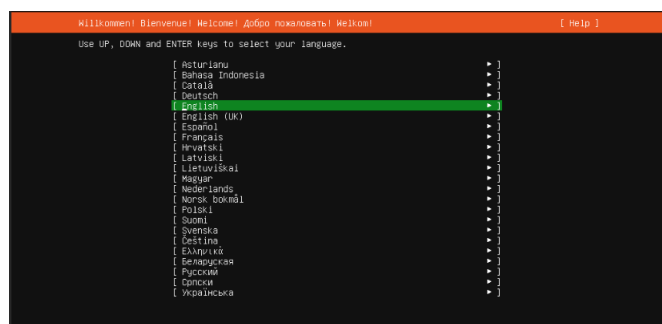
- Plug in or insert USB flash drive to a usb port on Desktop/Laptop with Windows OS
- Launch RUFUS application on Desktop/Laptop with Windows OS



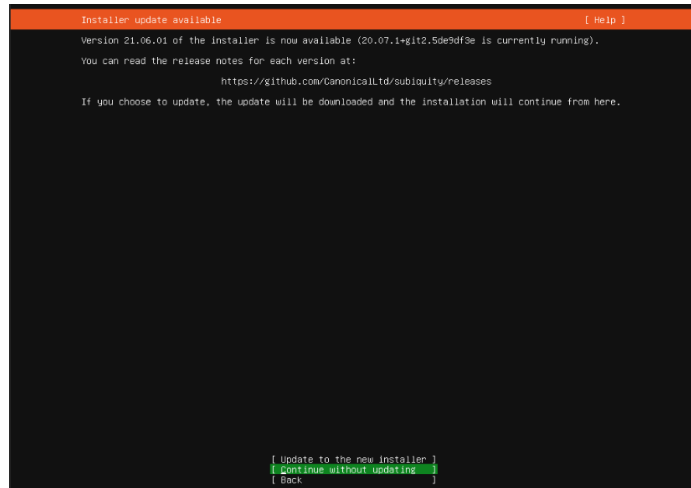
- Click on **select** and navigate to where ubuntu 18.04.5 ISO is located
- Click **start** (ensure that your flash drive is empty because the drive will be formatted by RUFUS)
- After the process is completed click **Close** and safely unplug the USB flash drive from the Desktop/Laptop with Windows OS

Server installation step

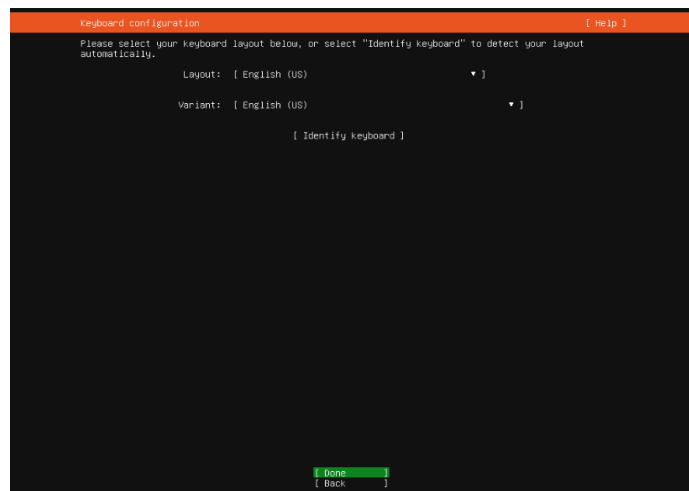
- Connect server to internet via one of (2 network card)
- Power on the server and enter Bios setup
- Make (bootable USB flash drive (Ubuntu 18.04.5) or Ubuntu 18.04.5 CD as first boot, restart the server.
- Select your language



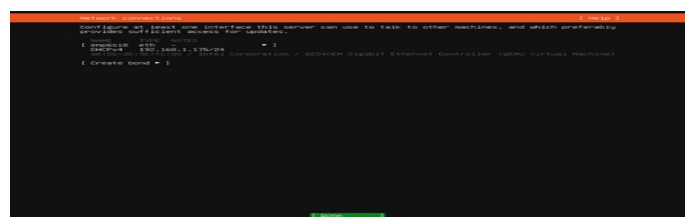
➤ continue without update



➤ select keyboard layout



➤ select done (your system will acquire DHCP IP or set static IP)



➤ select next

Configure Ubuntu archive mirror [help]

If you use an alternative mirror for Ubuntu, enter its details here.

Mirror address:

You may provide an archive mirror that will be used instead of the default.

[Done]
[Back]

➤ select the HDD to install on

Guided storage configuration [help]

Configure a guided storage layout, or create a custom one:

(X) Use an entire disk

[GEMU_HARDDISK_QM00013 local disk 20.00GB ▾]

(X) Set up this disk as an LVM group

[] Encrypt the LVM group with LUKS

Passphrase:

Confirm passphrase:

() Custom storage layout

[Done]
[Back]

➤ select next

Storage configuration [help]

FILE SYSTEM SUMMARY

MOUNT POINT	SIZE	TYPE	DEVICE TYPE
/	18.996G	new ext4	new LVM logical volume ▾
/boot	1.000G	new ext4	new partition of local disk ▾

AVAILABLE DEVICES

No available devices

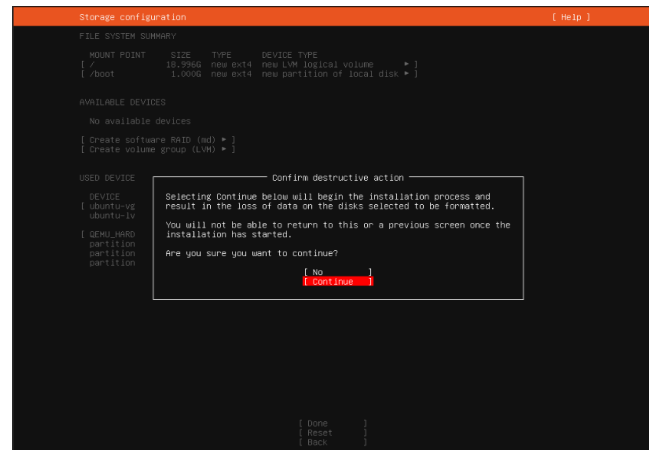
[Create software RAID (md) ▾]
[Create volume group (LVM) ▾]

USED DEVICES

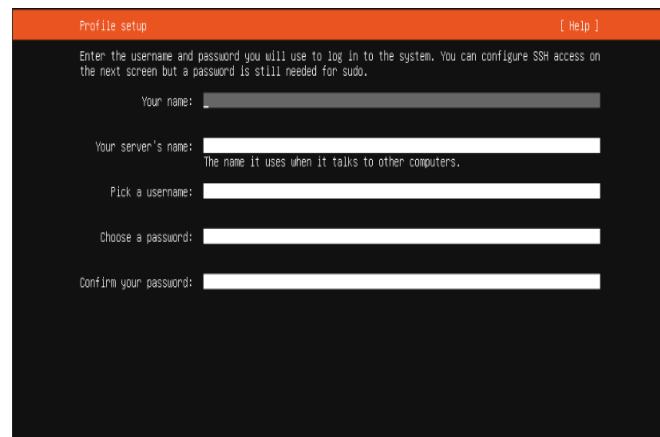
DEVICE	TYPE	SIZE
[ubuntu-vg (new)]	LVM volume group	18.996G ▾
ubuntu-iv new, to be formatted as ext4, mounted at /		18.996G ▾
[GEMU_HARDDISK_QM00013]	local disk	20.000G ▾
partition 1 new, bios_grub		1.000M ▾
partition 2 new, to be formatted as ext4, mounted at /boot		1.000G ▾
partition 3 new, PV of LVM volume group ubuntu-vg		18.997G ▾

[Done]
[Reset]
[Back]

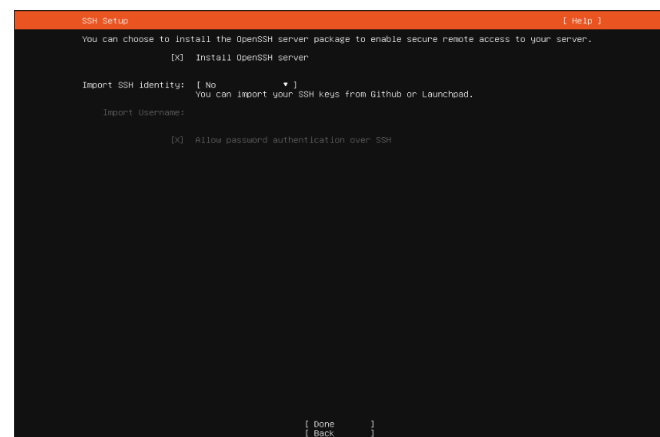
- select continue



- create user name and password



- Select install ssh (this will help to manage the server remotely)



➤ select next

```

Featured Server Snaps [ Help ]
These are popular snaps in server environments. Select or deselect with SPACE, press ENTER to see
more details of the package, publisher and versions available.

[ ] microos canonical Lightweight Kubernetes for workstations and appliances
[ ] nextcloud nextcloud Nextcloud Server - A safe home for all your data
[ ] ukan ukan Open-Source Kanban
[ ] kate-containers katecontainers Lightweight virtual machines that seamlessly plug into
[ ] docker canonical Docker container runtime
[ ] canonical-livepatch canonical Canonical Livepatch Client
[ ] rossetta-server rossetta-server Group chat server for 100s, installed in seconds.
[ ] mosquitto mosquitto Eclipse Mosquitto MQTT broker
[ ] etcd canonical Resilient key-value store by CoreOS
[ ] powershell microsoft-powershell PowerShell for every system!
[ ] stress-ng stress-ng A tool to load, stress test and benchmark a computer
[ ] sdn2d sdn2d A tool to load, stress test and benchmark a computer
[ ] snapcrafters snapcrafters get things from one computer to another, safely
[ ] aws-cli aws-cli Universal Command Line Interface for Amazon Web Services
[ ] google-cloud-sdk google-cloud-sdk Command-line interface for Google Cloud Platform products
[ ] scli scli python based software api tool.
[ ] doctl doctl The official DigitalOcean command line interface
[ ] conjure-up conjure-up Package runtime for conjure-up spells
[ ] postgresql postgresql PostgreSQL is a powerful, open source object-relational
[ ] heroku heroku CLI client for Heroku
[ ] keepalived keepalived-project High availability VRRP/HSF and load-balancing for Linux
[ ] prometheus prometheus The Prometheus monitoring system and time series data
[ ] juju juju A model-driven operator lifecycle manager

[ Done ]
[ Back ]
  
```

➤ Reboot once the installation is done

```

Installing system [ Help ]

Installing system
curtin command install
preparing for installation
configuring storage
  running 'curtin block-meta simple'
    curtin command block-meta
      removing previous storage devices
      configuring disks: disk-ade
      configuring partition: partition-0
      configuring partition: partition-1
      configuring format: format-0
      configuring partition: partition-2
      configuring lvm.volgroup: lvm.volgroup-0
      configuring lvm.partition: lvm.partition-0
      configuring format: format-1
      configuring mount: mount-1
      configuring mount: mount-0
      writing install sources to disk
      running 'curtin extract'
        curtin command extract
          acquiring and extracting image from cp:///media/filesystem
          configuring installed system
          running '/snap/bin/subiquity.subiquity-configure-run'
          running '/snap/bin/subiquity.subiquity-configure-apt /snap/subiquity/1966/usr/bin/python3
true
    curtin command apt-config
    curtin command in-target
    running 'curtin curthooks'
    curtin command curthooks
      configuring apt configuring apt
      installing missing packages
      configuring iscsi service
      configuring raid (mdadm) service
      installing kernel \

[ View full log ]
  
```

Xtreme Server installation step

update your ubuntu first, then install panel

- `sudo apt-get update && sudo apt-get upgrade -y;`
- `sudo apt-get install libxslt1-dev libcurl3 libgeoip-dev python -y ;`
- `rm install.py;`
- `wget https://bitbucket.org/emre1393/xtreamui_mirror/downloads/install.py;`
- `sudo python install.py`
- If you want a whole NEW installation, choose MAIN.
- Follow the installation process (click yes where require)
- Enter MySQL password when prompt to do so (this can be any password of your choice)
- After a successful installation, (Please store your MySQL password!)
- logon to Xtreme management page (`http://your server ip address: 25500`)
- The default user name and password is (admin/admin) which you are advised to change
- If you want a whole NEW installation, choose MAIN.