

# CÀI ĐẶT UBUNTU 12.10

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- Giới thiệu
- Các bước chuẩn bị
- Sử dụng không cần cài đặt
- Cài đặt
- Cấu hình thiết bị



### Linux

- Hệ điều hành tự do mã nguồn mã
- O Gồm: nhân (kernel)+ tiện ích/ứng dụng đi kèm
- Tên đầy đủ: GNU Linux
- Các bản phân phối (distro):
  - × Ubuntu
  - Mandrake/Mandriva
  - × Redhat/Fedora
  - × SUSE
  - × BSD
  - × ...

## Các bước chuẩn bị

- Chọn bản phân phối và phiên bản (version) phù hợp
  - Phần cứng (ví dụ: 32/64 bit)
  - Nhu cầu sử dụng (văn phòng, lập trình, server, ...)
  - Thực hành: cài Ubuntu 12.10

### Download bản phân phối

• Địa chỉ: http://www.ubuntu.com/download/desktop

Ghi ubuntu\_\_\_\_.iso thành đĩa DVD

### Máy tính:

- Đầu đọc DVD
- > 5 GB ổ cứng
- > 512 MB RAM

## Sử dụng không cần cài đặt

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- Cho đĩa Ubuntu vào ổ đĩa DVD
- Cấu hình BIOS để có thể khởi động máy từ DVD
- Khởi động máy
  - Chọn ngôn ngữ
  - Chọn cách cài đặt (sử dụng thử hoặc cài đặt)



## Chọn ngôn ngữ



### 😣 Install Welcome Asturianu Bahasa Indonesia Bosanski Català Čeština Dansk Deutsch Eesti Español Try Ubuntu Install Ubuntu Esperanto Euskara You can try Ubuntu without making any changes to your computer, directly Français from this CD. Gaeilge Or if you're ready, you can install Ubuntu alongside (or instead of) your Galego current operating system. This shouldn't take too long. Hrvatski Íslenska You may wish to read the release notes. Italiano

### Try Ubuntu: sử dụng thử không cài đặt

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### Sử dụng thử không cài đặt



### Mở Terminal

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Legal notice

### Mở Terminal

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### Tắt máy

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About This Computer

Ubuntu Help

System Settings...

Start Screen Saver

Restart...

### Ubuntu Desktop

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Install Ubuntu 12.10

## Tắt máy

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## Chọn ngôn ngữ



You may wish to read the release notes.

Italiano

### Install Ubuntu: cài đặt



### 😣 Install

### Welcome



### Install Ubuntu: chuẩn bị cài đặt

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#### Install

### Preparing to install Ubuntu

For best results, please ensure that this computer:



has at least 4.9 GB available drive space



Download updates while installing

Ubuntu uses third-party software to play Flash, MP3 and other media, and to work with some graphics and wi-fi hardware. Some of this software is proprietary. The software is subject to license terms included with its documentation.

#### Install this third-party software

Fluendo MP3 plugin includes MPEG Layer-3 audio decoding technology licensed from Fraunhofer IIS and Technicolor SA.

Quit	Back	Continue



Quit

Back

Continue

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  - Phân vùng gốc:
    - × Kiểu phân vùng (use as): Ext4 journaling file system
    - \* Ánh xạ đến thư mục / (mount point: /)
    - Kích thước: tối thiểu 5 GB
  - Phân vùng swap cho bộ nhớ
    - Kiểu phân vùng: swap area
    - Kích thước: gấp đôi dung lượng bộ nhớ
- Các phân vùng khác (tùy chọn)
  - /home (thư mục người dùng), /usr, /usr/local, /var, ...
  - Nếu không tạo các phần vùng này, các thư mục tương ứng sẽ được tạo ra trong phần vùng gốc /

### Tạo phân vùng root (/)



## Tạo phân vùng root (/)



## Tạo phân vùng root (/)



## Tạo phân vùng swap cho bộ nhớ



## Tạo phân vùng swap cho bộ nhớ

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### Tạo phân vùng swap cho bộ nhớ



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### Tạo phân vùng /home



## Tạo phân vùng /home



### Tạo phân vùng /home







## Chuẩn bị cài đặt

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## Cấu hình múi giờ



## Cấu hình bàn phím (tiếng Anh)

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### Install

### Keyboard layout

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### Cấu hình người dùng

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Choose a password: Confirm your password:	<ul> <li>Fair password</li> <li>Fair password</li> <li>Log in automatically</li> <li>Require my password to log in</li> <li>Encrypt my home folder</li> </ul>	continue
	Ba	ack Continue
# Diễn biến cài đặt



Install

#### Welcome to Ubuntu 12.10

Fast and full of new features, the latest version of Ubuntu makes computing easier than ever. Here are just a few cool new things to look out for...

Installing system

## Diễn biến cài đặt



#### Install

#### Make the most of the web

Ubuntu includes Firefox, the web browser used by millions of people around the world. And web applications you use frequently (like Facebook or Gmail, for example) can be pinned to your desktop for faster access, just like apps on your computer.



Chromium

The Ubuntu Font Family - YouTube
The Ubuntu Font Family - YouT...
Wurw youtube.com/watch?v=BG-Q?hTKCws
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Downloading packages (5:26 remaining)...

# Diễn biến cài đặt

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#### Install

#### Write and present for free

LibreOffice is a free office suite packed with everything you'll need to create impressive documents, spreadsheets, and presentations. LibreOffice tries its best to work with other office software, and it uses the OpenDocument standards for far-reaching compatibility.





Downloading packages (5:08 remaining)...





Install

#### Any questions?

Check out askubuntu.com for answers to all your Ubuntu questions. There's a good chance your question will have been answered already and, if not, you'll find thousands of volunteers eager to help. For more support options, go to ubuntu.com/support.



Restoring previously installed packages...

# Hoàn thành, khởi động máy lại





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

**Restart Now** 





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#### Giao diện Ubuntu 12.10



#### Thử duyệt Firefox

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### Các ứng dụng



#### Trình quản lý cài đặt ứng dụng



#### Cấu hình hệ thống



## Cấu hình giao diện hiển thị

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#### Cấu hình ngôn ngữ



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#### Cấu hình mạng



### Cấu hình mạng



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#### Cấu hình mạng: địa chỉ tĩnh



#### Cấu hình mạng: địa chỉ tĩnh

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## Cấu hình ngày, giờ

Ubuntu Desktop

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Time & Date Settings...

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#### Gõ tiếng việt: cài scim



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	Tiếng Việt		
	汉语 (中国)		
	Drag languages to arrange them in order of preference. Changes take effect next time you log in.	Online Privacy Ubuntu One Accounts	
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## Gõ tiếng việt: mở terminal

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#### Gõ tiếng việt: cấu hình scim



## Gõ tiếng việt: cấu hình scim



# Khởi động máy và đăng nhập vào Ubuntu

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#### Mở writer


#### Chọn bộ gõ



### Chọn kiểu gõ

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#### Đã có thể gõ tiếng việt



#### Lập trình C



#### Lập trình C



#### Lập trình C



#### Lập trình C++: cài thêm g++



#### Lập trình C++



#### Lập trình C++



#### Lập trình C++









#### Đường dẫn

- Đường dẫn tuyệt đối: truy cập thư mục hay tập tin qua đường dẫn đầy đủ (bắt đầu với /), độc lập với vị trí thư mục hiện hành
- Đường dẫn tương đối: truy cập thư mục hay file qua đường dẫn (không bắt đầu bằng /), phụ thuộc vào vị trí thư mục hiện hành

#### Thư mục đặc biệt:

- Thư mục gốc: /
- Thư mục cha: ...
- Thư mục hiện hành: .
- Thư mục cá nhân của người dùng: ~

#### Lệnh cơ bản

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- Is <thư mục>: liệt kê thư mục
  ví dụ: ls /etc
- mkdir <thư mục>: tạo thư mục
  ví dụ: mkdir toto
- cd <thư mục>: chuyển đổi thư mục
  ví dụ: cd toto
- cp <nguồn> <đích>: sao chép
  ví dụ: cp /etc/passwd .

#### mv <nguồn> <đích>: chuyển hay đổi tên file, thư mục

Lênh cơ bản

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ví dụ: mv ./passwd toto/passwd.tmp

- rm <file/thư mục>: xóa file, thư mục
  ví dụ 1: rm passwd
  ví dụ 2: rm -R toto
- chmod <quyền> <file/thư mục>: đặt thuộc tính cho file, thư mục

ví dụ: chmod o+w toto/passwd.tmp

## chown <sở hữu> <file/thư mục>: thay đổi chủ sở hữu file hay thư mục ví dụ: chown nghi.profs toto

Lênh cơ bản

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cat , more <path/file>: xem tập tin text
 ví dụ 1: cat /etc/passwd
 ví dụ 2: more /etc/passwd

 vi: soạn thảo văn bản (đọc hướng dẫn trong phần trình soạn thảo vi)

# Lệnh cơ bản

- head, tail, wc, tar, gzip, fdisk, rpm, ifconfig, route, init, useradd, passwd, df, ln, top, mount, etc.
  - ví dụ 1: head -10 /etc/passwd
  - ví dụ 2: wc -l /etc/passwd
  - ví dụ 3: tar –cvf toto.tar toto
  - ví dụ 4: gzip toto.tar
  - ví dụ 5: passwd
  - ví dụ 6: df -k
  - ví dụ 7 : top

Lênh cơ bản

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- su <user>: chuyển user
  ví dụ: su tutu
- reboot (init 6 hoặc Ctrl-Alt-Del): khởi động lại hệ thống
- poweroff: shutdown hệ thống và tắt máy
- shutdown: shutdown hệ thống

ví dụ: shutdown -h now

