

實作課程 Lesson 01

蔡秉文

Cookie Tsai

Resources

- CookeTsai 的手記 (自己的個人網站)
 - <http://tsai-cookie.blogspot.tw/>

The screenshot shows a blog post titled "Hadoop + HBase + Hive 建置手冊 (完全分布式)". The post includes a note about using root and a PDF warning. A sidebar features a profile picture, a G+ button, and a search bar.

關於我自己
mcacookie@gmail.com 資訊主頁 登出
G+ 蔡秉文
追蹤 0

檢視我的完整簡介

搜尋此網誌

網誌存檔

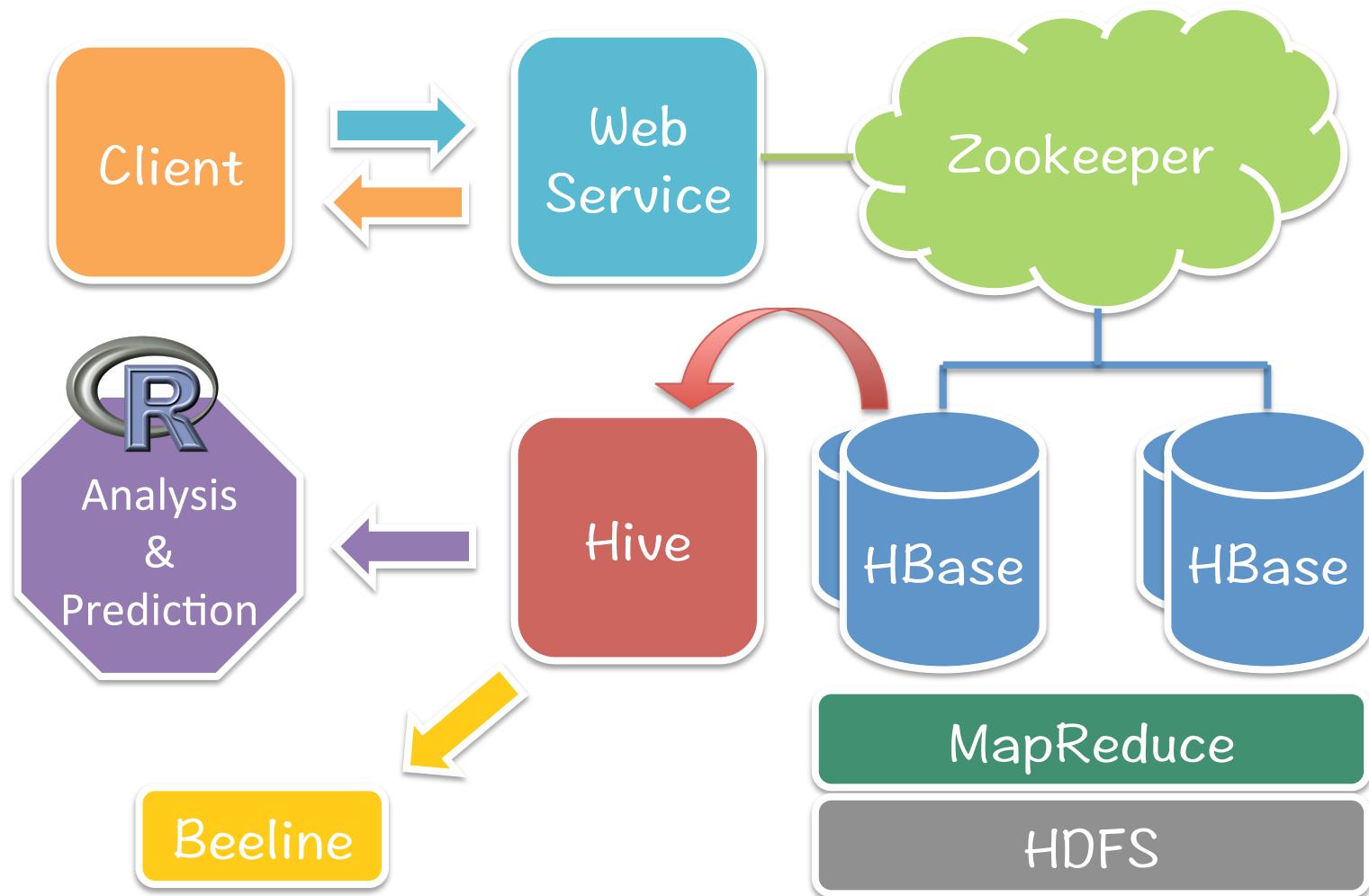
▼ 2015 (3)
▼ 九月 (1)

Hadoop + HBase + Hive 建置手

About Me

- Education
 - III
 - NUTC
 - Experience
 - Mitake
 - JC Software Services
 - Honors & Awards
 - The Winner of Etu Hadoop Competition 2015
 - 2011 電信創新應用大賽 智慧家庭組 優選
 - 2010 電信奧斯卡 MOD應用組 佳作
- 

Deployment



System architecture

- Virtual Box

Host Name	IP	OS
master	192.168.60.101	CentOS 6.7
slaver1	192.168.60.102	CentOS 6.7
slaver2	192.168.60.103	CentOS 6.7

- Packages

Package	Package Name	Version
Apache Hadoop	hadoop-2.4.1.tar.gz	2.4.1
Apache HBase	hbase-0.98.13-hadoop2-bin.tar.gz	0.98.13
Apache Hive	apache-hive-1.2.1.tar.gz	1.2.1
Apache Zookeeper	zookeeper-3.4.6.tar.gz	3.4.6

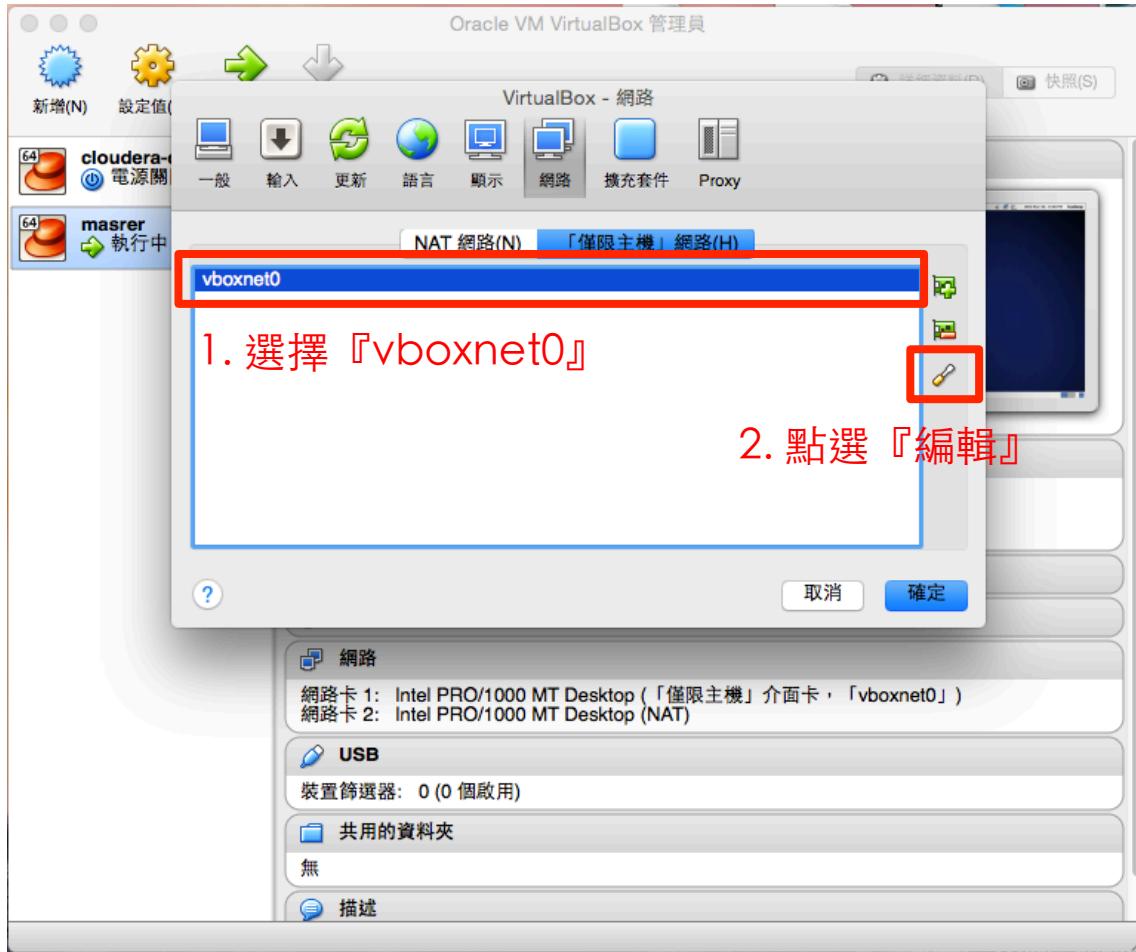
Setup for testing hosts (3 VMs)

- Install Virtual Box
- Import Virtual Box VM
- Modify to the static IP and try a test

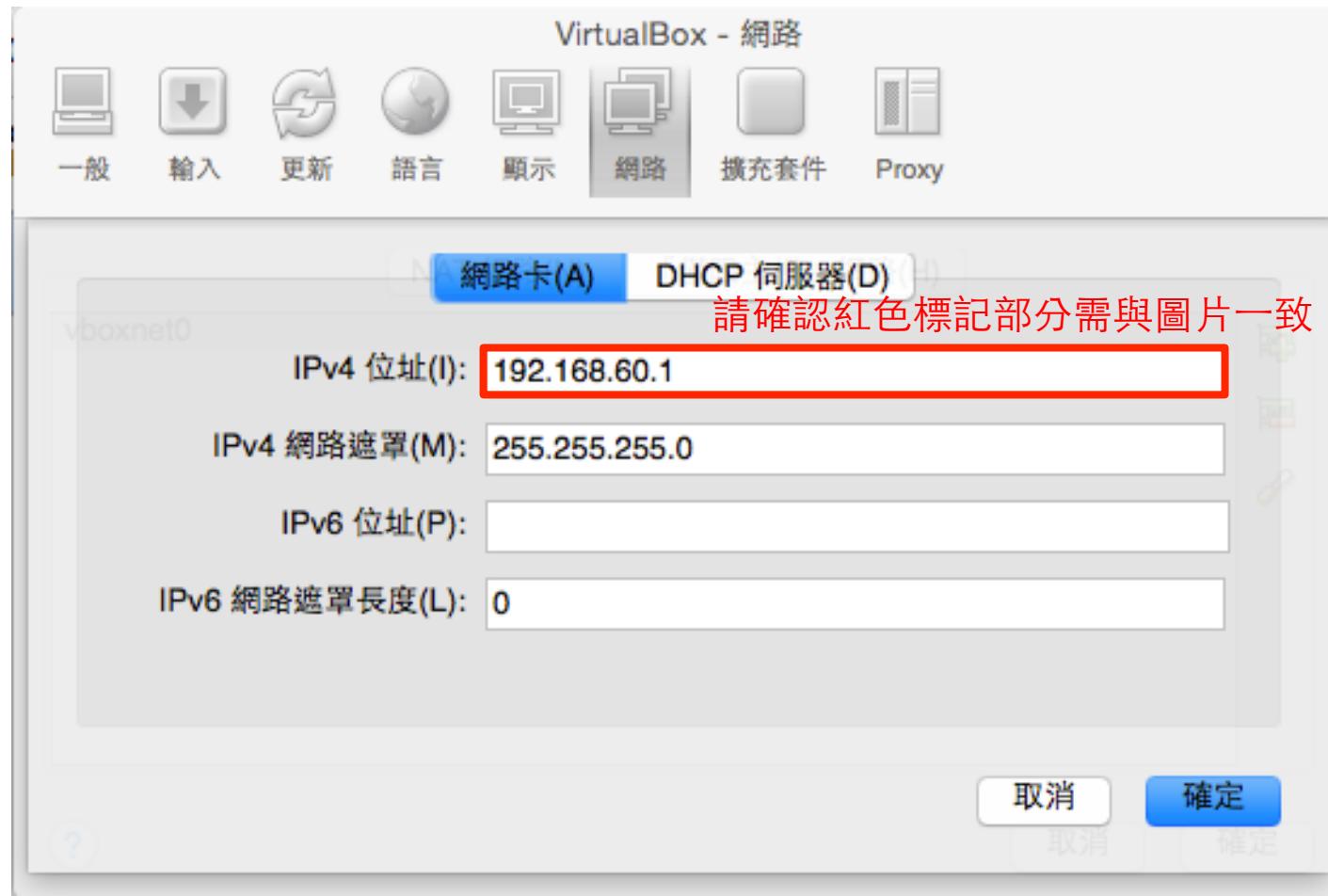
Virtual Box Setting



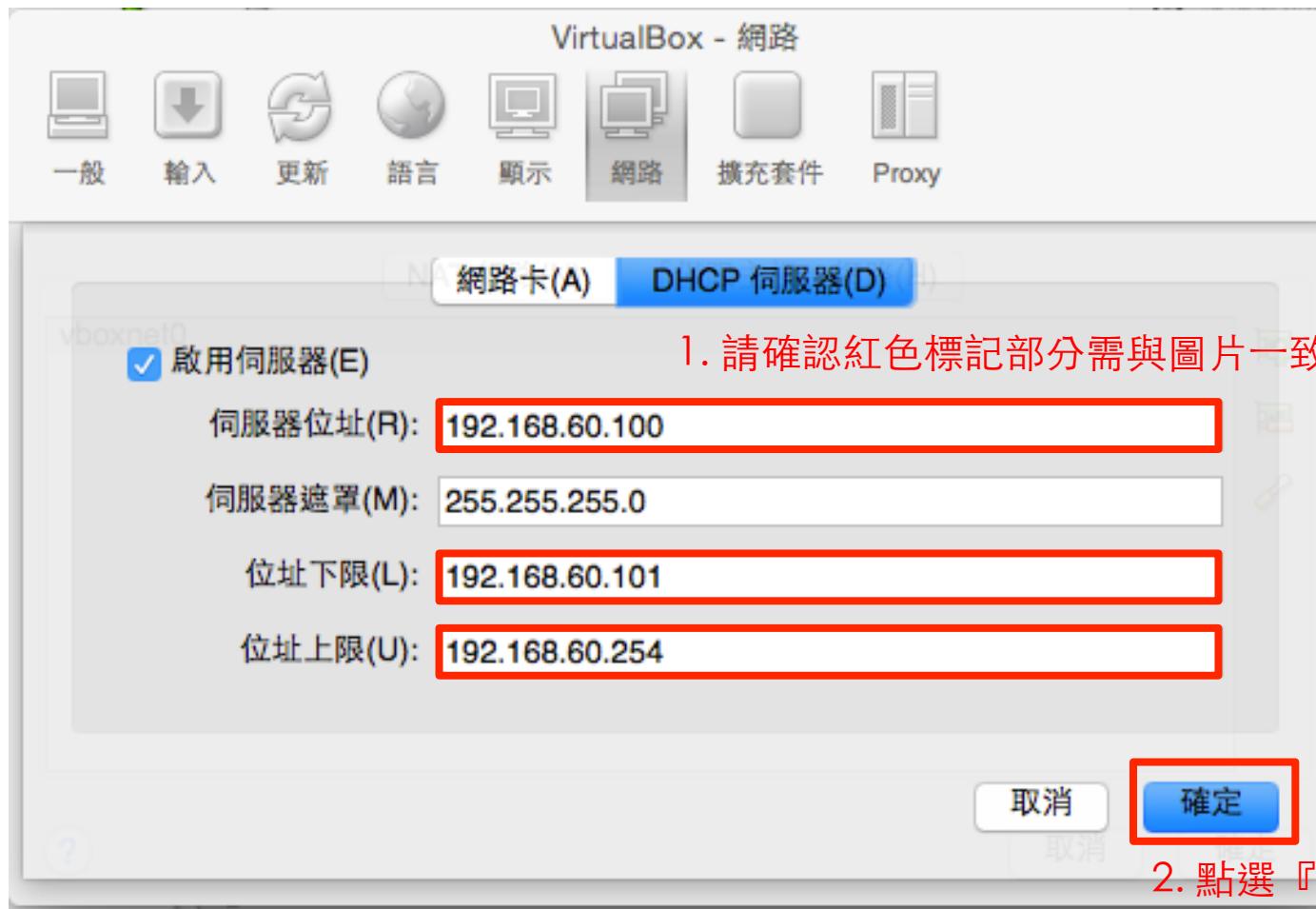
Virtual Box Setting



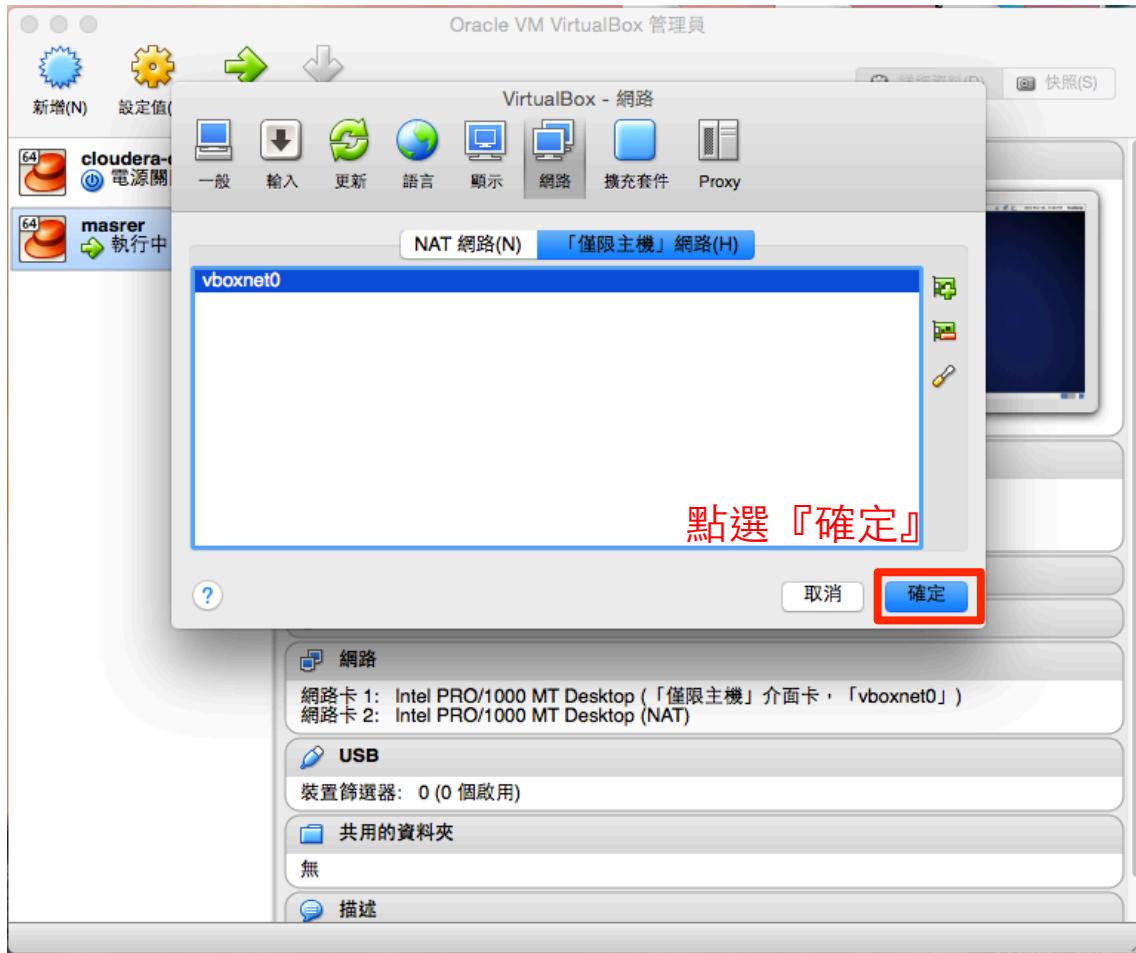
Virtual Box Setting



Virtual Box Setting



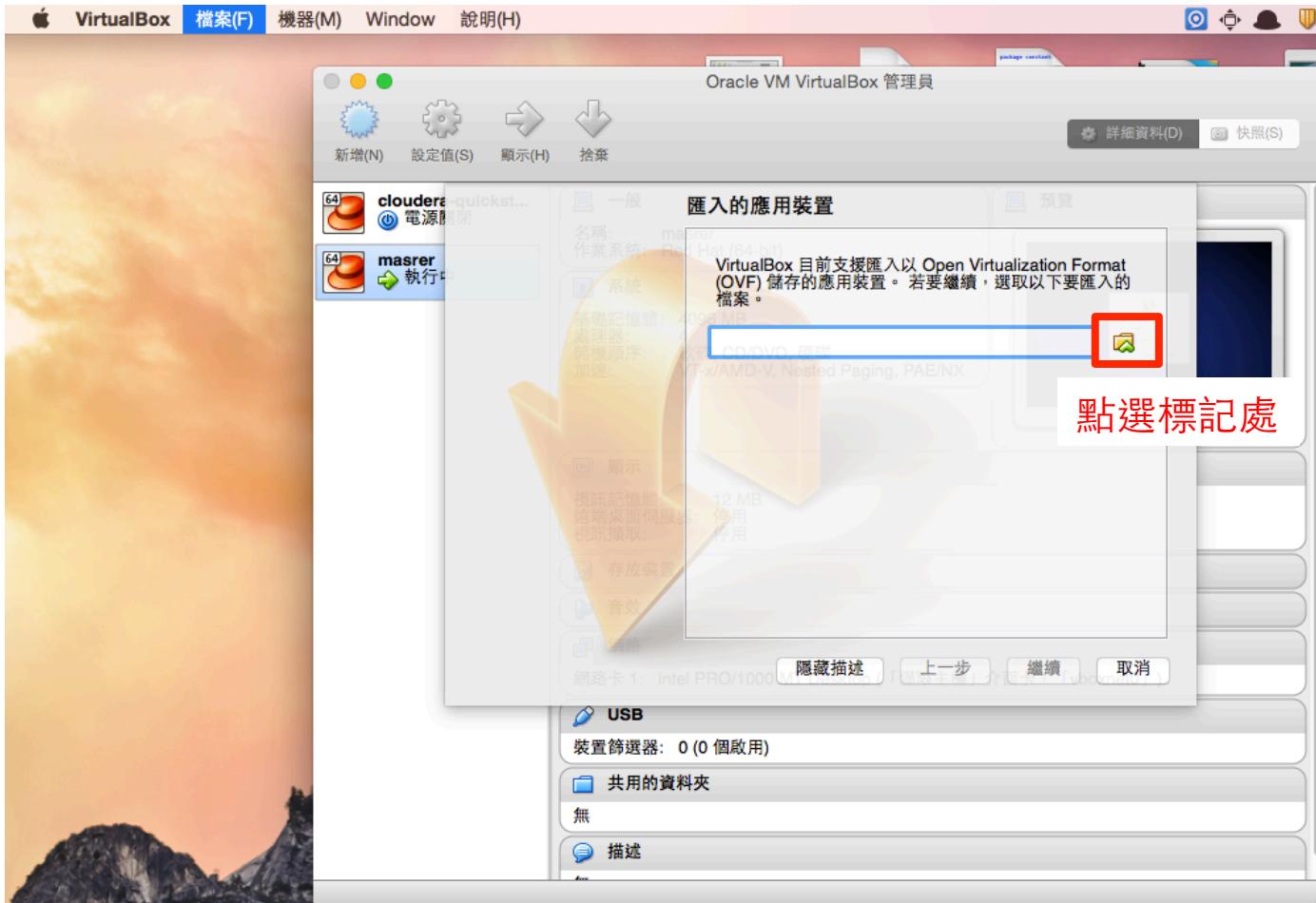
Virtual Box Setting



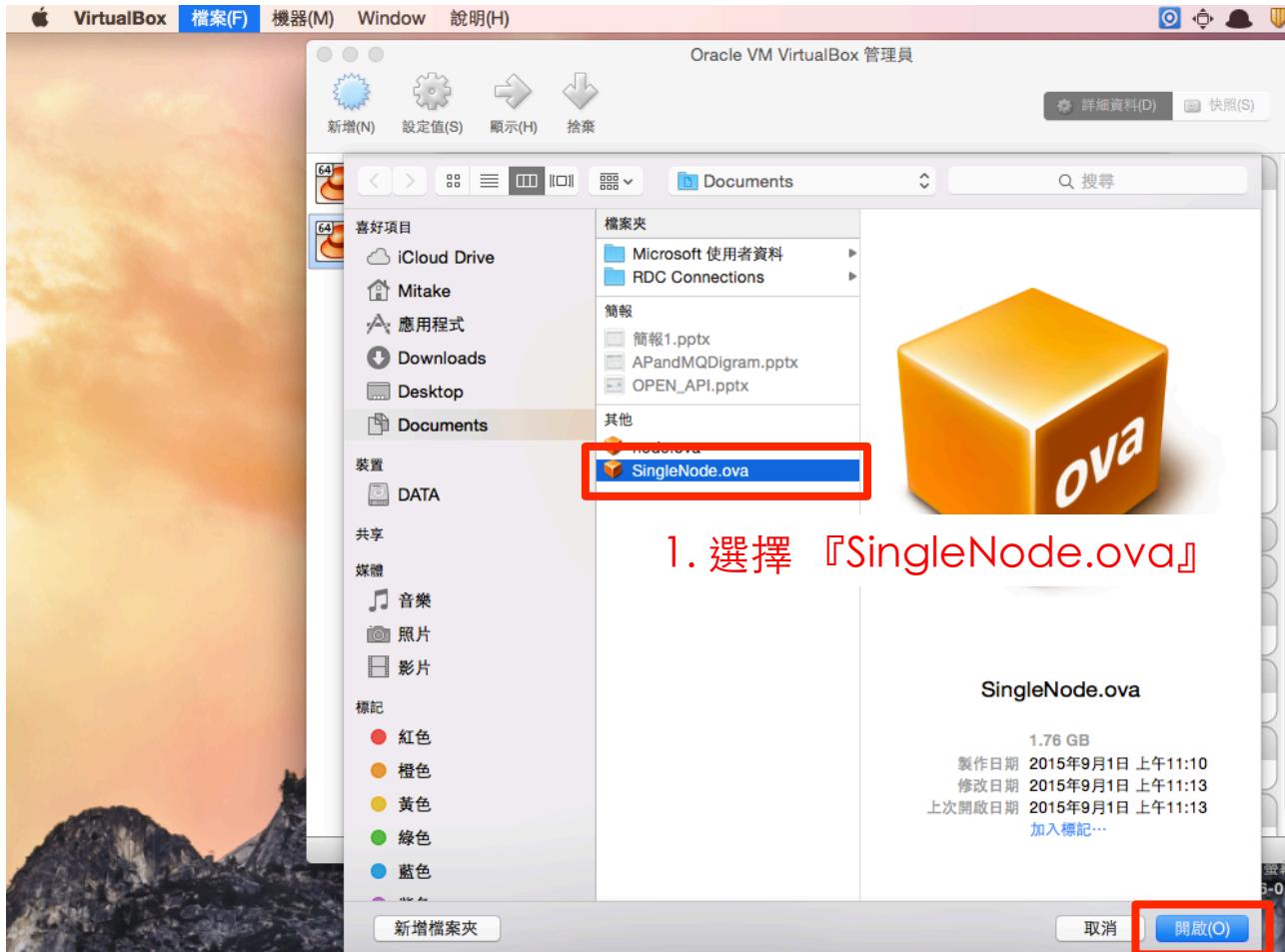
Import VM



Import VM



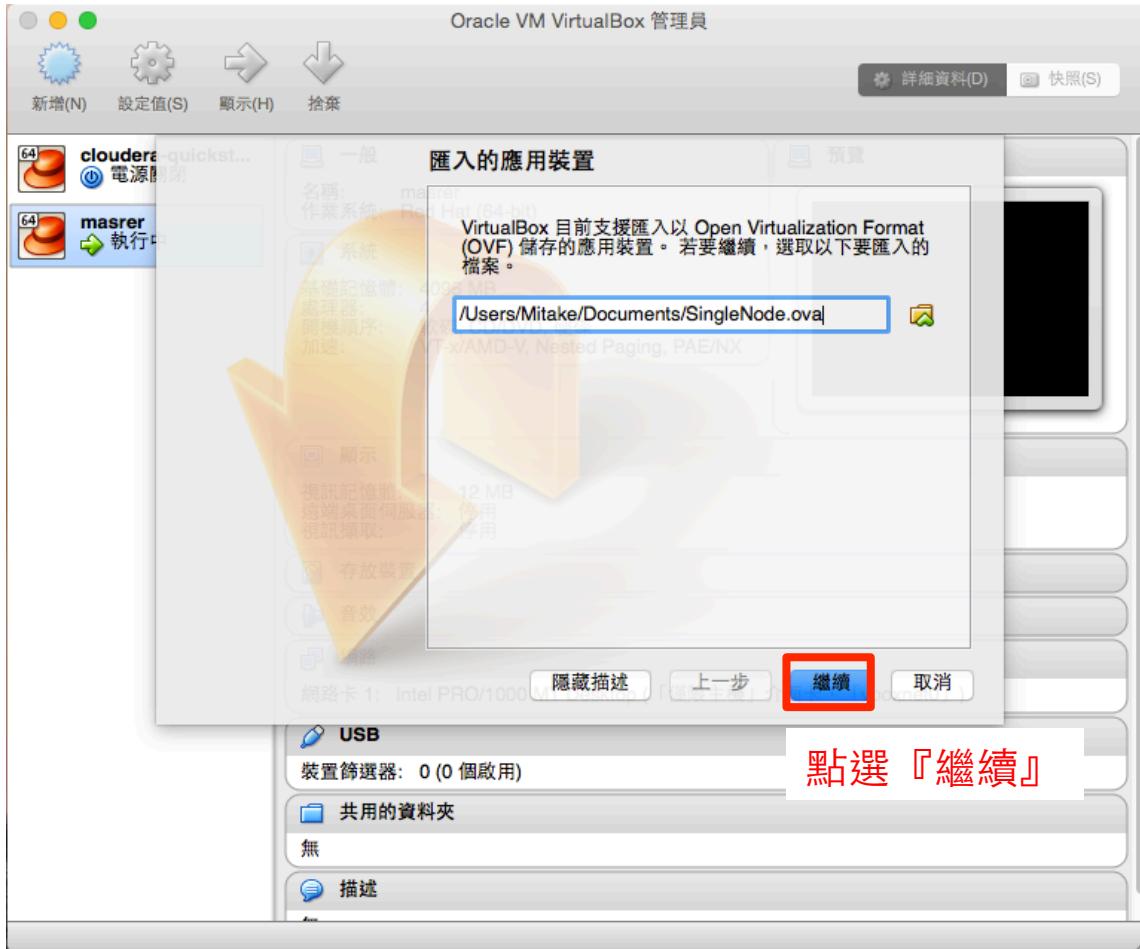
Import VM



1. 選擇『SingleNode.ova』

2. 點選『開啟』

Import VM



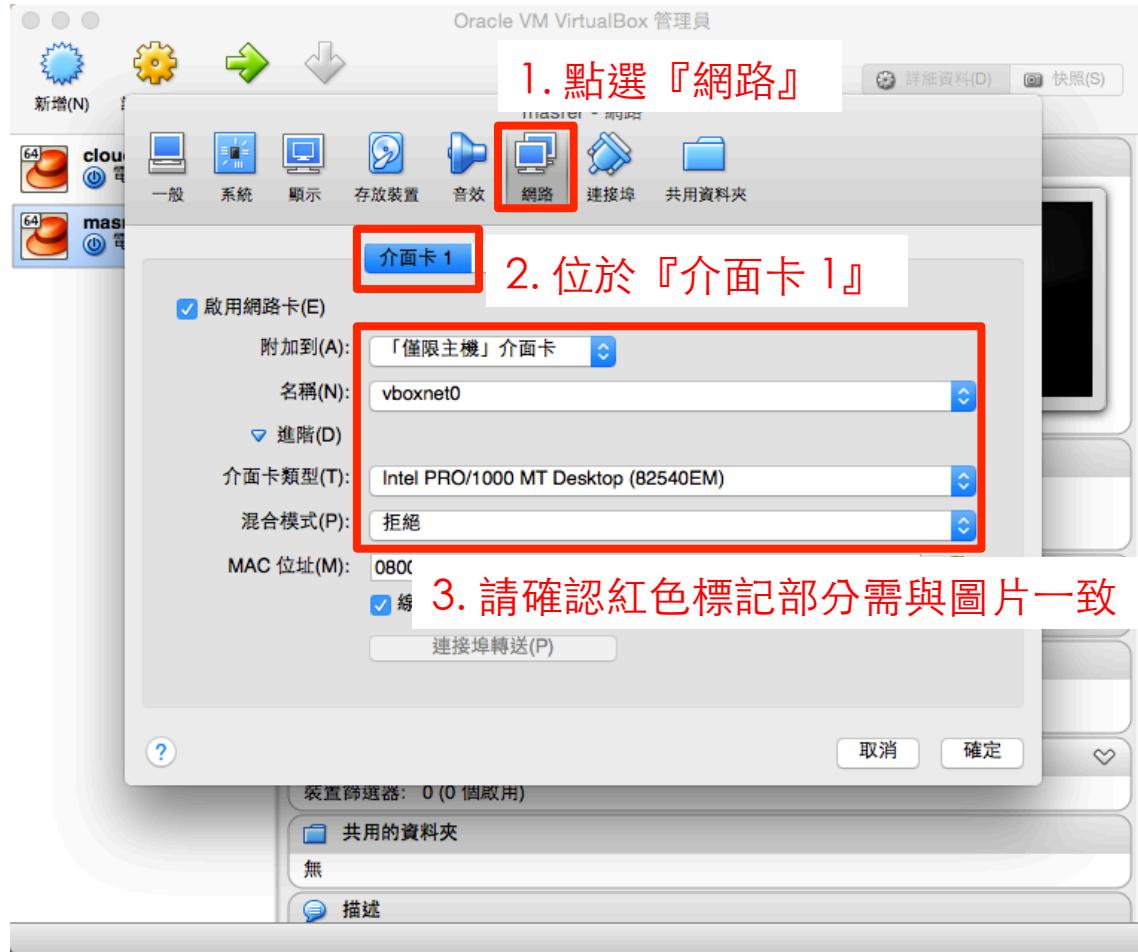
Import VM



VM Setting



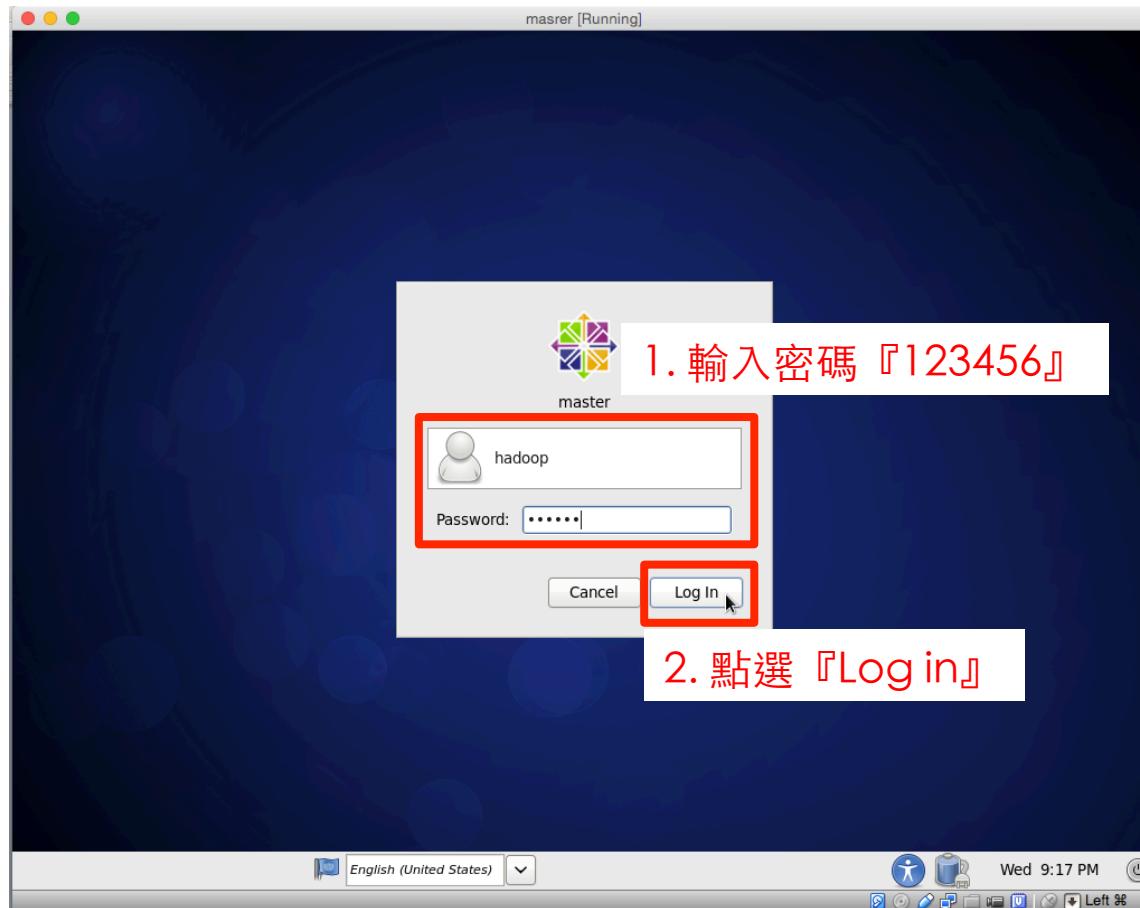
VM Setting



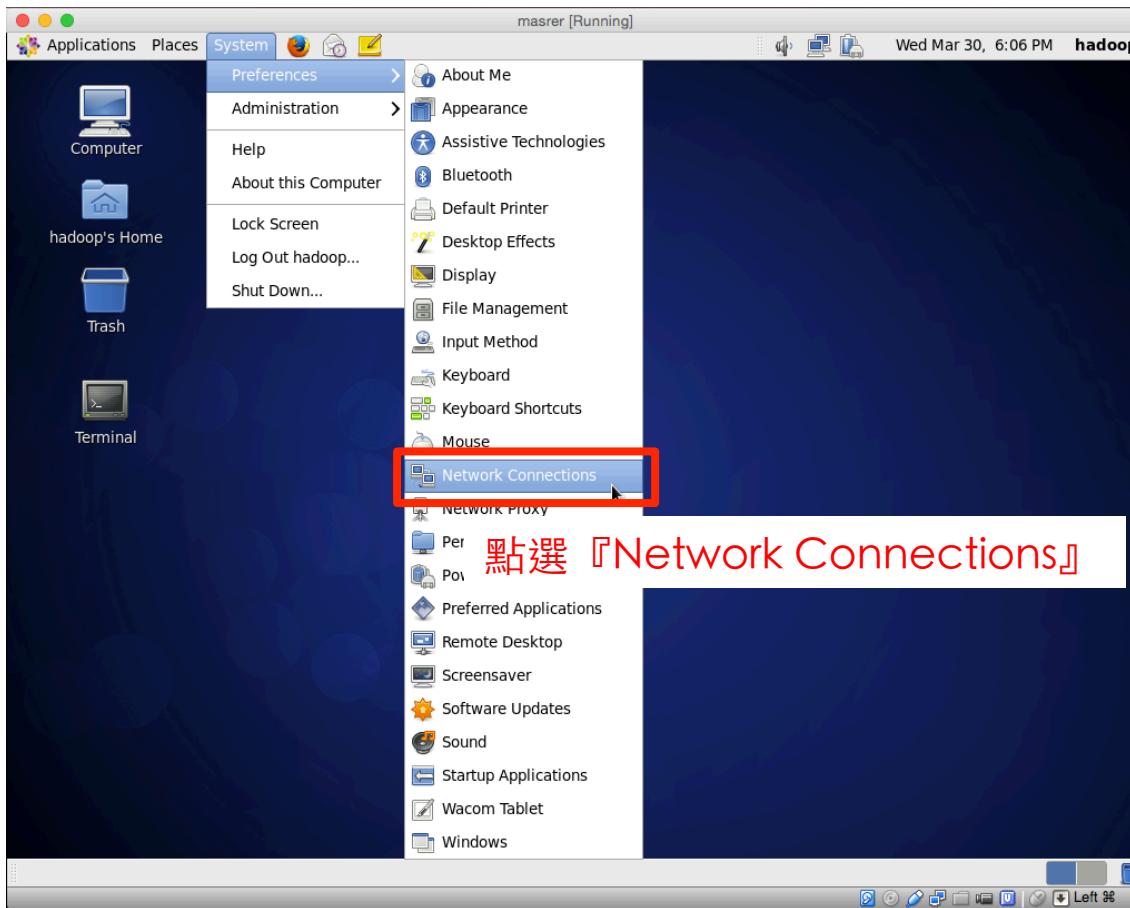
VM Setting



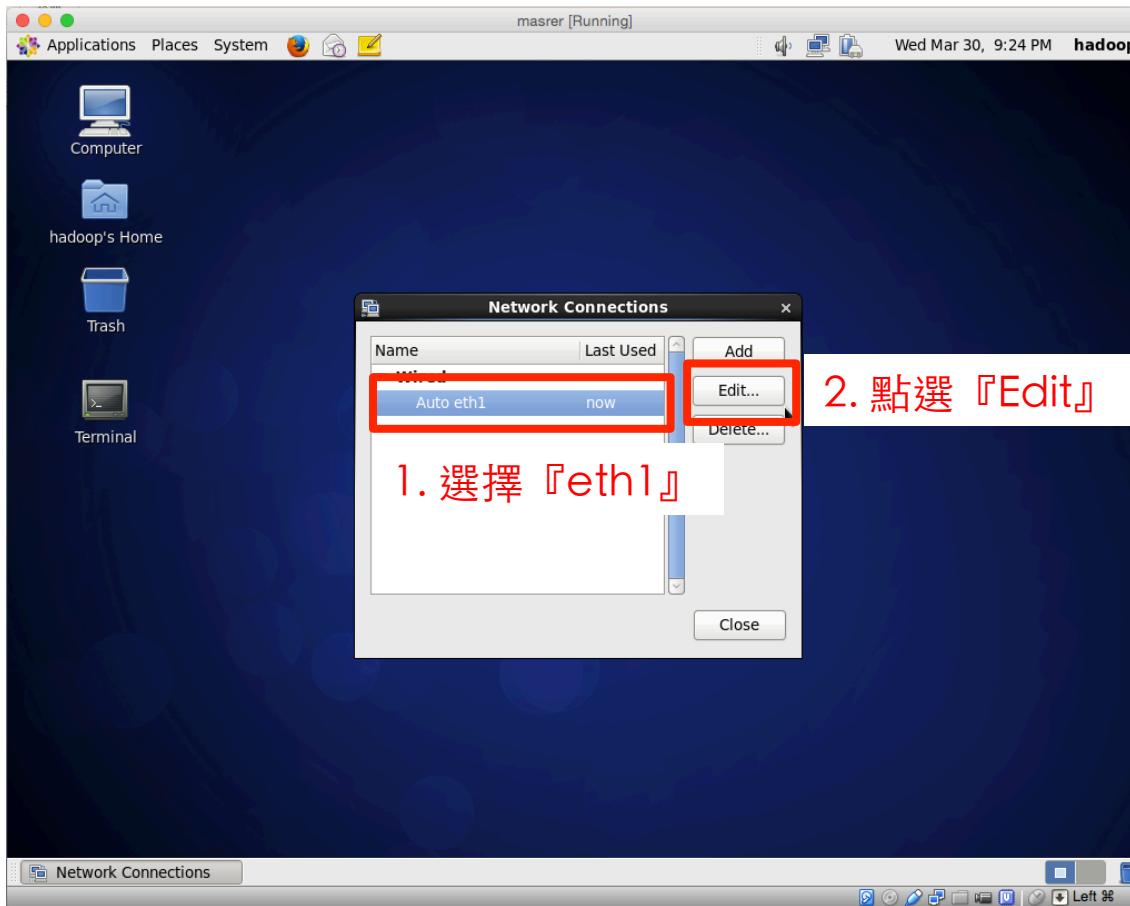
Network Setting



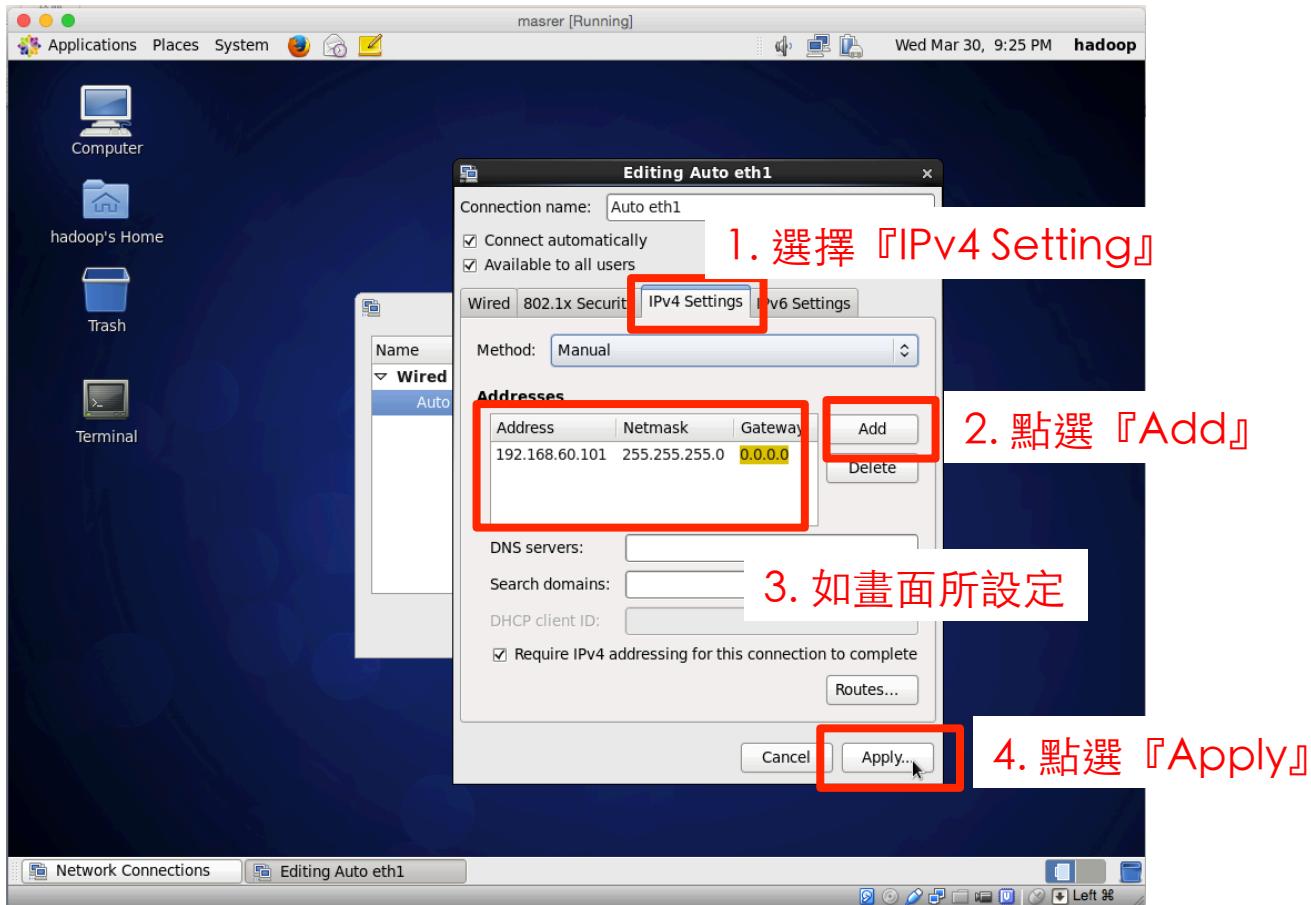
Network Setting



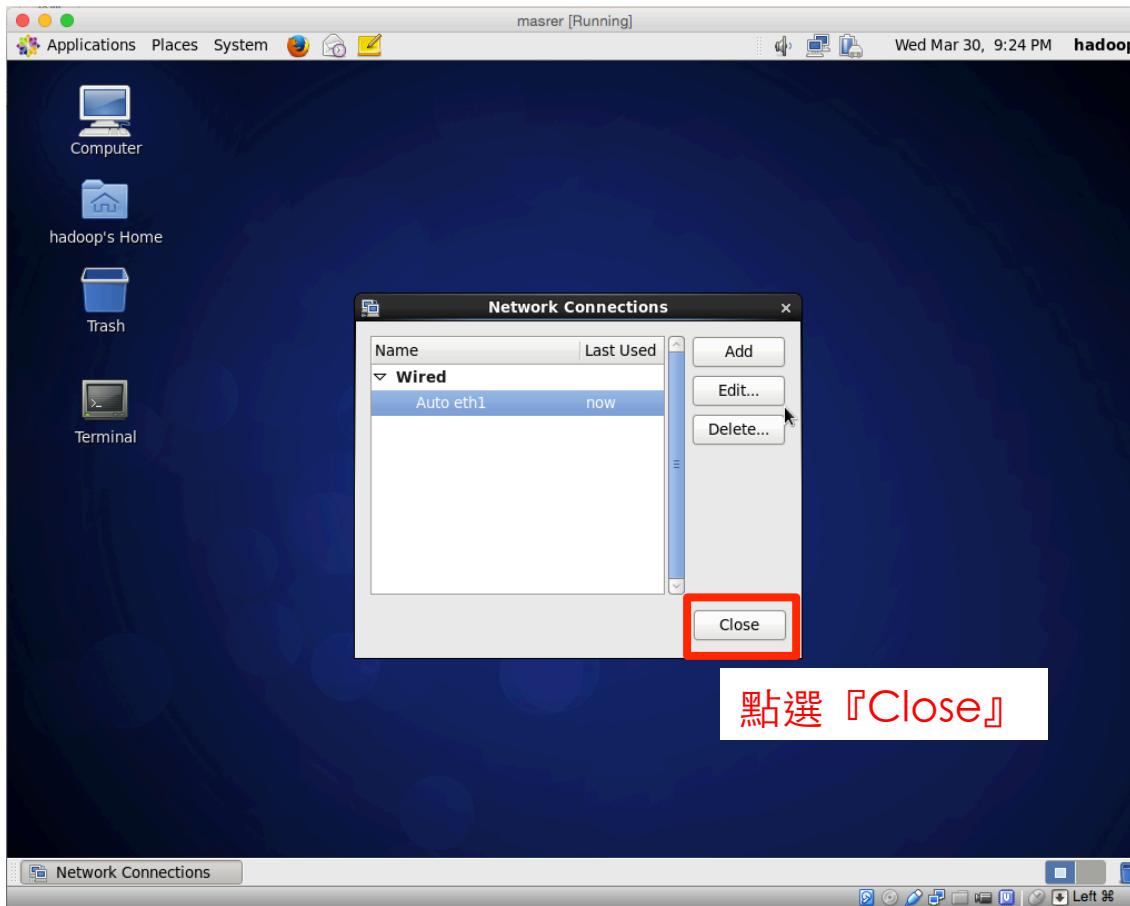
Network Setting



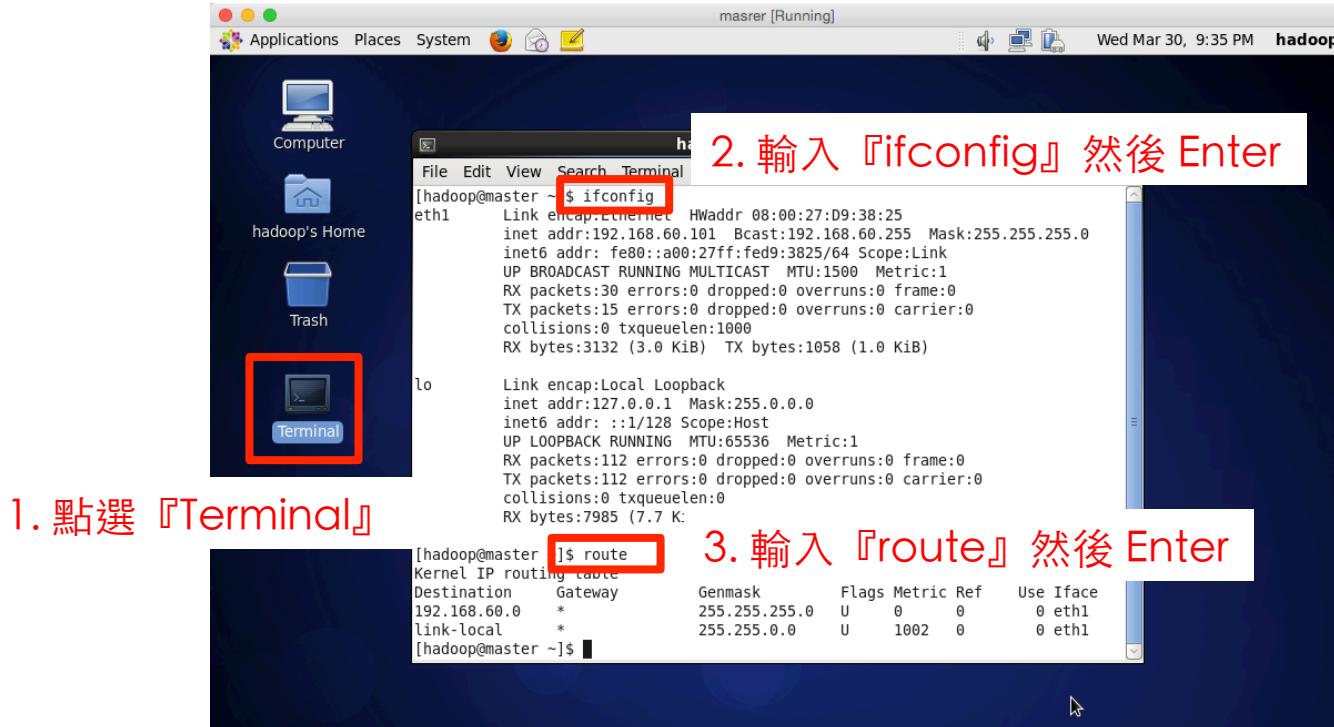
Network Setting



Network Setting



Network Check



P.S. eth1的inet addr 應為 192.168.60.101，其他內容供參考



What is hadoop

- A big-data platform for data manipulation
- Store data in distributed repositories
- Distributed job process to deal with big-data
- Dig out the data insight and data analytics
- High availability and stabilized
- Many ecosystems supports

Install Hadoop

A screenshot of a Google search results page. The search query is "CookieTsai 假". The results are as follows:

- CookieTsai 的手記**
tsai-cookie.blogspot.com/ ▾
2016年3月1日 - [CookieT](#)
式) ... 目錄Hadoop 建置手冊 (偽叢集模式)
請參考『Hadoop + HBase + Hive 建置手冊 (偽叢集模式)』進行安裝
您曾多次瀏覽這個網頁。
- CookieTsai 的手記: Hadoop + HBase + Hive 建置手冊 (偽 ...**
tsai-cookie.blogspot.com/2015/11/hadoop-hbase-hive-single-node.html ▾
2015年11月16日 - Hadoop + HBase + Hive 建置手冊 (偽叢集模式). 注意事項： 1. 所有
指令皆使用root 身份執行，僅供練習使用。 2. PDF 格式部分文字會失真，輸入時 ...
- CookieTsai 的手記: Hadoop 建置手冊 (偽叢集模式)**
tsai-cookie.blogspot.com/.../hadoop-hadoop-java-jdk-ssh-apache_19.ht... ▾
2015年8月19日 - Hadoop 建置手冊 (偽叢集模式). 目錄; 安裝JAVA JDK; 建置SSH; 建置
Apache Hadoop; 啟動Apache Hadoop; 測試; 錯誤修正 ...
- CookieTsai 的手記: 淺談CookieTsai 的程式設計**
tsai-cookie.blogspot.com/2016/01/learning-coding.html ▾
2016年1月18日 - 淺談CookieTsai 的程式設計. 注意事項： 1. 內容僅是自身經驗之分享，
.... Hadoop + HBase + Hive 建置手冊 (偽叢集模式). 注意事項： 1. 所有指令皆 ...

Download

- Hadoop-2.5.2
 - <http://apache.stu.edu.tw/hadoop/common/hadoop-2.5.2/hadoop-2.5.2.tar.gz>
- Zookeeper-3.4.6
 - <http://apache.stu.edu.tw/zookeeper/zookeeper-3.4.6/zookeeper-3.4.6.tar.gz>
- HBase-0.98.13
 - <http://ftp.tc.edu.tw/pub/Apache/hbase/0.98.13/hbase-0.98.13-hadoop2-bin.tar.gz>
- Hive-1.2.1
 - <http://apache.stu.edu.tw/hive/hive-1.2.1/apache-hive-1.2.1-bin.tar.gz>
- R-3.1.3
 - <http://cran.r-project.org/src/base/R-3/R-3.1.3.tar.gz>

Thank you for your listening