# 1 số lưu ý trước khi cài đặt:

* Zimbra server phải được cấu hình DNS cả dạng ns và mx
* Space ổ lưu trữ Zimbra phải trên 6gb để đủ dung lượng cho việc cài đặt
* Ram phải >=4gb cho lab và >= 8gb cho server thực

# Các bước triển khai Zimbra:

## Bước 1 (Cấu hình file host – sử dụng tài liệu sửa lỗi):

* Cài đặt DNS:

#yum install bind bind-utils -y

* Cấu hình file: /etc/hosts

#vi /etc/hosts

…

192.168.2.130 mail.lab.com mail

127.0.0.1 localhost.localdomain localhost

::1 localhost.localdomain localhost

* Xác nhận:

#hostname mail

## Bước 2 (Cấu hình DNS – phân giải địa chỉ mail server)

### Bước 2.1:

* Cấu hình file: /var/named/lab.com

#vi /var/named/lab.com

….

@       IN      SOA     lab.com. hostmaster.lab.com. (

                               2011030801          ; Serial  
                               43200          ; Refresh  
                               3600           ; Retry  
                               3600000        ; Expire  
                               2592000 )      ; Minimum  
   
;       Thiet lap cac record  
   
               IN      NS          ns.lab.com.  
               IN      A           192.168.2.130   
               IN      MX          10 mail.lab.com.  
   
mail         IN      A       192.168.2.130   
ns            IN      A       192.168.2.130

* Lưu ý: Địa chỉ 192.168.2.130 là địa chỉ của server trong mạng

### Bước 2.2 (Cấu hình file main config DNS)

* Cấu hình file: /etc/named.config

#vi /etc/named.config

…

options {

           directory “/var/named”;           dump-file “/var/named/data/cache\_dump.db”;           statistics-file “/var/named/data/named\_stats.txt”;    forwarders { 8.8.8.8; };};include “/etc/rndc.key”; zone “lab.com” {        type master;        file “lab.com”;};

### Bước 2.3: (Khởi động lại dịch vụ)

systemctl start named

systemctl status named

systemctl enable named

## Bước 3:

* Cấu hình file: Trỏ DNS server trong card mạng config

**#vi /etc/sysconfig/network-scripts/ifcfg-ens37**

….

IPADDR=192.168.2.130

GATEWAY=192.168.2.2

NETMASK=255.255.255.0

DNS1=192.168.2.130

….

Bước 4: (Cấu hình file resolv.conf, đưa địa chỉ name server vào)

**#vi /etc/resolv.conf**

nameserver 192.168.2.130

#service network restart

Bước 5 (Kiểm tra lại cấu hình)

**#host –t mx lab.com**

**#nslookup**

**>mail.lab.com**

Bước 6 ( Cài đặt Zimbra )

Bước 6.1: Tải Zimbra

wget <https://files.zimbra.com/downloads/8.7.11_GA/zcs-8.7.11_GA_1854.RHEL7_64.20170531151956.tgz>

Bước 6.2: Giải nén

#tar -zxvf [file-vừa-tải]

Bước 6.3: Chạy script cài đặt

#cd [file-vừa-giải-nén]

#./install

Bước 6.4: Tùy chọn khi cài đặt

Checking for installable packages

Found zimbra-core

Found zimbra-ldap

Found zimbra-logger

Found zimbra-mta

Found zimbra-dnscache

Found zimbra-snmp

Found zimbra-store

Found zimbra-apache

Found zimbra-spell

Found zimbra-convertd

Found zimbra-memcached

Found zimbra-proxy

Found zimbra-archiving

Use Zimbra's package repository [Y] y

Use internal development repo [N] y

Configuring package repository

Select the packages to install

Install zimbra-ldap [Y] y

Install zimbra-logger [Y] y

Install zimbra-mta [Y] y

Install zimbra-dnscache [Y] y

Install zimbra-snmp [Y] y

Install zimbra-store [Y] y

.

.

Checking required space for zimbra-core

Checking space for zimbra-store

Checking required packages for zimbra-store

MISSING: libreoffice

MISSING: libreoffice-headless

###WARNING###

One or more suggested packages for zimbra-store are missing.

Some features may be disabled due to the missing package(s).

Installing:

zimbra-core

zimbra-ldap

zimbra-logger

zimbra-mta

zimbra-dnscache

zimbra-snmp

zimbra-store

.

.

The system will be modified. Continue? [N] y

Installing packages

Local packages zimbra-core zimbra-ldap zimbra-logger zimbra-mta zimbra-dnscache zimbra-snmp zimbra-store zimbra-apache zimbra-spell zimbra-convertd zimbra-proxy selected for installation

Monitor /tmp/install.log.ykeq0Bw8 for package installation progress

Remote package installation started

Installing zimbra-core-components zimbra-ldap-components zimbra-mta-components zimbra-dnscache-components zimbra-snmp-components zimbra-store-components zimbra-apache-components zimbra-spell-components zimbra-memcached zimbra-proxy-components....done

Local package installation started

Installing zimbra-core zimbra-ldap zimbra-logger zimbra-mta zimbra-dnscache zimbra-snmp zimbra-store zimbra-apache zimbra-spell zimbra-convertd zimbra-proxy...done

Operations logged to /tmp/zmsetup.20160711-234517.log

Installing LDAP configuration database...done.

Setting defaults...

DNS ERROR resolving MX for zqa-221.eng.zimbra.com

It is suggested that the domain name have an MX record configured in DNS

Change domain name? [Yes] no

done.

Checking for port conflicts

Main menu

1) Common Configuration:

2) zimbra-ldap: Enabled

3) zimbra-logger: Enabled

4) zimbra-mta: Enabled

5) zimbra-dnscache: Enabled

6) zimbra-snmp: Enabled

7) zimbra-store: Enabled

+Create Admin User: yes

+Admin user to create: admin@zqa-221.eng.zimbra.com

\*\*\*\*\*\*\* +Admin Password UNSET

+Anti-virus quarantine user: virus-quarantine.ws91yggvp@zqa-221.eng.zimbra.com

+Enable automated spam training: yes

+Spam training user: spam.seewcbk6@zqa-221.eng.zimbra.com

+Non-spam(Ham) training user: ham.h8qmkwft@zqa-221.eng.zimbra.com

+SMTP host: zqa-221.eng.zimbra.com

+Web server HTTP port: 8080

+Web server HTTPS port: 8443

+Web server mode: https

+IMAP server port: 7143

+IMAP server SSL port: 7993

+POP server port: 7110

+POP server SSL port: 7995

+Use spell check server: yes

+Spell server URL: http://zqa-221.eng.zimbra.com:7780/aspell.php

+Enable version update checks: TRUE

+Enable version update notifications: TRUE

+Version update notification email: admin@zqa-221.eng.zimbra.com

+Version update source email: admin@zqa-221.eng.zimbra.com

+Install mailstore (service webapp): yes

+Install UI (zimbra,zimbraAdmin webapps): yes

\*\*\*\*\*\*\* +License filename: UNSET

8) zimbra-spell: Enabled

9) zimbra-convertd: Enabled

10) zimbra-proxy: Enabled

11) Default Class of Service Configuration:

12) Enable default backup schedule: yes

s) Save config to file

x) Expand menu

q) Quit

Address unconfigured (\*\*) items (? - help)

Chú ý:

- Set passwd user admin (r để quay lại sau khi cài đặt)

\*\*\* CONFIGURATION COMPLETE - press 'a' to apply

Select from menu, or press 'a' to apply config (? - help) a

Save configuration data to a file? [Yes] yes

Save config in file: [/opt/zimbra/config.16039]

Saving config in /opt/zimbra/config.16039...done.

You have the option of notifying Zimbra of your installation.

This helps us to track the uptake of the Zimbra Collaboration Server.

The only information that will be transmitted is:

The VERSION of zcs installed (8.7.11\_GA\_1854\_RHEL7\_64)

The ADMIN EMAIL ADDRESS created (admin@lab.com)

Notify Zimbra of your installation? [Yes] no

Notification skipped

Setting up zimbra crontab...done.

Moving /tmp/zmsetup.20170704-222958.log to /opt/zimbra/log

Configuration complete - press return to exit

Bước 7:

Quản trị service zimbra đơn giản

# su - zimbra

# zmcontrol start

# zmcontrol restart

# zmcontrol stop

Bước 8:

Mở tường lửa cho Zimbra

[root@mail ~]# firewall-cmd --permanent --add-port=161/udp

[root@mail ~]# firewall-cmd --permanent --add-port=25/tcp

[root@mail ~]# firewall-cmd --permanent --add-port=2220/tcp

[root@mail ~]# firewall-cmd --permanent --add-port=80/tcp

[root@mail ~]# firewall-cmd --permanent --add-port=110/tcp

[root@mail ~]# firewall-cmd --permanent --add-port=143/tcp

[root@mail ~]# firewall-cmd --permanent --add-port=389/tcp

[root@mail ~]# firewall-cmd --permanent --add-port=443/tcp

[root@mail ~]# firewall-cmd --permanent --add-port=587/tcp

[root@mail ~]# firewall-cmd --permanent --add-port=465/tcp

[root@mail ~]# firewall-cmd --permanent --add-port=993/tcp

[root@mail ~]# firewall-cmd --permanent --add-port=995/tcp

[root@mail ~]# firewall-cmd --permanent --add-port=7071/tcp

[root@mail ~]# firewall-cmd --permanent --add-port=7780/tcp

[root@mail ~]# firewall-cmd --reload

Bước 8:

Truy cập Zimbra với đường dẫn:

<https://192.168.2.130:7071>

<https://[domain-setting]:7071>

Lưu ý: Zimbra chạy trên https nên nhập trực tiếp ip sẽ không truy cập được

Uninstalling Zimbra

#cd [file-giải-nén]

#./install.sh -u