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# Zimbra Installation Guide

## Zimbra

- 1. Intel/AMD 64bit CPU 2.0GHz
  2. 4GB RAM
  3. 15GB
  4. 가
  5. : No Firewall
  6. 100 Raid-5
- OS
  1. RedHat Enterprise Linux 6.4 AS/ES 64bit
  2. CentOS 6, 64bit
  3. SUSE Linux Enterprise Server 11, SP3(64bit)
  4. Ubuntu 12.04 LTS Server Edition (64bit)
- 1. SSH Client
  2. DNS A MX
  3. NTP
  4. Netcat(NC), NC Utility

## Zimbra Package Download

URL OS . Site :  
<http://www.zimbra.com/downloads/zimbra-collaboration-open-source>

## Zimbra Main Menu

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@no
***** +Admin Password UNSET
   +Anti-virus quarantine user: virus-
quarantine.l4af2sugma@no
   +Enable automated spam training: yes
   +Spam training user: spam.zmvcl3t9kr@no

```

```

+Non-spam(Ham) training user:      ham.hkrytl7jd@no
+SMTP host:                         test.local.domain
+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:          no
+Enable version update checks:    TRUE
+Enable version update notifications: TRUE
+Version update notification email: admin@no
+Version update source email:     admin@no
+Install mailstore (service webapp): yes
+Install UI (zimbra,zimbraAdmin webapps): yes

```

- 8) zimbra-proxy: Enabled
- 9) Default Class of Service Configuration:
- s) Save config to file
- x) Expand menu
- q) Quit

## Zimbra Installation

### Step 1. hostname

```

Host      DNS      가      Host      ,      Host      MX      가      .      DNS
MX        .        Host
localhost4.localdomain4
::1      localhost localhost.localdomain localhost6
localhost6.localdomain6
192.168.106.21 test.local.domaintest

```

```

[root@test ~]# cat /etc/hosts
127.0.0.1 localhost localhost.localdomain localhost4
localhost4.localdomain4
::1      localhost localhost.localdomain localhost6
localhost6.localdomain6

192.168.106.21 test.local.domaintest

```

### Step 2. resolve.conf

```

[root@test ~]# cat /etc/resolv.conf
; generated by /sbin/dhclient-script
search localdomain local.domain

```

```
nameserver 192.168.106.21
```

### Step 3. zimbra

```
[root@test ~]# tar xvf zcs-8.5.1_GA_3056.RHEL6_64.20141103151539.tgz
```

### Step 4. zimbra

```
[root@test zcs-8.5.1_GA_3056.RHEL6_64.20141103151539]# pwd
/root/zcs-8.5.1_GA_3056.RHEL6_64.20141103151539

[root@test zcs-8.5.1_GA_3056.RHEL6_64.20141103151539]# ./install.sh
Operations logged to /tmp/install.log.8634
Checking for existing installation...
  zimbra-ldap...NOT FOUND
  zimbra-logger...NOT FOUND
  zimbra-mta...NOT FOUND
  zimbra-dnscache...NOT FOUND
  zimbra-snmp...NOT FOUND
  zimbra-store...NOT FOUND
  zimbra-apache...NOT FOUND
  zimbra-spell...NOT FOUND
  zimbra-convertd...NOT FOUND
  zimbra-memcached...NOT FOUND
  zimbra-proxy...NOT FOUND
  zimbra-archiving...NOT FOUND
  zimbra-cluster...NOT FOUND
  zimbra-core...NOT FOUND
```

PLEASE READ THIS AGREEMENT CAREFULLY BEFORE USING THE SOFTWARE.  
ZIMBRA, INC. ("ZIMBRA") WILL ONLY LICENSE THIS SOFTWARE TO YOU IF YOU  
FIRST ACCEPT THE TERMS OF THIS AGREEMENT. BY DOWNLOADING OR INSTALLING  
THE SOFTWARE, OR USING THE PRODUCT, YOU ARE CONSENTING TO BE BOUND BY  
THIS AGREEMENT. IF YOU DO NOT AGREE TO ALL OF THE TERMS OF THIS  
AGREEMENT, THEN DO NOT DOWNLOAD, INSTALL OR USE THE PRODUCT.

License Terms for the Zimbra Collaboration Suite:  
<http://www.zimbra.com/license/zimbra-public-eula-2-5.html>

Do you agree with the terms of the software license agreement? [N] y

```
Checking for prerequisites...
  FOUND: NPTL
  FOUND: nc-1.84-22
  FOUND: sudo-1.8.6p3-15
```

```
FOUND: libidn-1.18-2
FOUND: gmp-4.3.1-7
FOUND: libaio-0.3.107-10
FOUND: libstdc++-4.4.7-11
FOUND: unzip-6.0-1
```

Checking for suggested prerequisites...

```
FOUND: perl-5.10.1
FOUND: sysstat
FOUND: sqlite
```

Prerequisite check complete.

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-memcached
Found zimbra-proxy
```

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

Install zimbra-apache [Y] y

Install zimbra-spell [Y] n

Install zimbra-memcached [Y] y

Install zimbra-proxy [Y] y
```

```
Checking required space for zimbra-core
Checking space for zimbra-store
Checking required packages for zimbra-store
```

zimbra-store package check complete.

Installing:

- zimbra-core
- zimbra-ldap
- zimbra-logger
- zimbra-mta
- zimbra-dnscache
- zimbra-snmp
- zimbra-store
- zimbra-apache
- zimbra-memcached
- zimbra-proxy

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

Removing /opt/zimbra

Removing zimbra crontab entry...done.

Cleaning up zimbra init scripts...done.

Cleaning up /etc/ld.so.conf...done.

Cleaning up /etc/security/limits.conf...done.

Finished removing Zimbra Collaboration Server.

Installing packages

- zimbra-core.....zimbra-core-8.5.1\_GA\_3056.RHEL6\_64-20141103151539.x86\_64.rpm...done
- zimbra-ldap.....zimbra-ldap-8.5.1\_GA\_3056.RHEL6\_64-20141103151539.x86\_64.rpm...done
- zimbra-logger.....zimbra-logger-8.5.1\_GA\_3056.RHEL6\_64-20141103151539.x86\_64.rpm...done
- zimbra-mta.....zimbra-mta-8.5.1\_GA\_3056.RHEL6\_64-20141103151539.x86\_64.rpm...done
- zimbra-dnscache.....zimbra-dnscache-8.5.1\_GA\_3056.RHEL6\_64-20141103151539.x86\_64.rpm...done
- zimbra-snmp.....zimbra-snmp-8.5.1\_GA\_3056.RHEL6\_64-20141103151539.x86\_64.rpm...done
- zimbra-store.....zimbra-store-8.5.1\_GA\_3056.RHEL6\_64-20141103151539.x86\_64.rpm...done
- zimbra-apache.....zimbra-apache-8.5.1\_GA\_3056.RHEL6\_64-20141103151539.x86\_64.rpm...done
- zimbra-memcached.....zimbra-memcached-8.5.1\_GA\_3056.RHEL6\_64-20141103151539.x86\_64.rpm...done
- zimbra-proxy.....zimbra-proxy-8.5.1\_GA\_3056.RHEL6\_64-20141103151539.x86\_64.rpm...done

Operations logged to /tmp/zmsetup12222014-104138.log

Installing LDAP configuration database...done.

Setting defaults...No results returned for A lookup of test.local.domain

Checked nameservers:

192.168.106.21

No results returned for AAAA lookup of test.local.domain

```

Checked nameservers:
    192.168.106.21

DNS ERROR resolving test.local.domain
It is suggested that the hostname be resolvable via DNS
Change hostname [Yes] yes // domain name .

// local ip mx DNS hostname
가 .

No results returned for A lookup of test.local.domain
Checked nameservers:
    192.168.106.21

// DNS mx 가 .
MX: test.local.com(10.0.0.20)

Interface: 10.0.0.20
Interface: 127.0.0.1

Interface: ::1

Checking for port conflicts

```

. zimbra

()가 ,

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@no
***** +Admin Password UNSET
   +Anti-virus quarantine user: virus-
quarantine.l4af2sugma@no
   +Enable automated spam training: yes
   +Spam training user: spam.zmvcl3t9kr@no
   +Non-spam(Ham) training user: ham.hkrytl7jd@no
   +SMTP host: test.local.domain
   +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: no
+Enable version update checks: TRUE
+Enable version update notifications: TRUE
+Version update notification email: admin@no
+Version update source email: admin@no
+Install mailstore (service webapp): yes
+Install UI (zimbra,zimbraAdmin webapps): yes

```

- 8) zimbra-proxy: Enabled
- 9) Default Class of Service Configuration:
- s) Save config to file
- x) Expand menu
- q) Quit

Address unconfigured (\*\*) items (? - help) 7

Store configuration

```

1) Status: Enabled
2) Create Admin User: yes
3) Admin user to create: admin@no
** 4) Admin Password UNSET
5) Anti-virus quarantine user: virus-
quarantine.l4af2sugma@no
6) Enable automated spam training: yes
7) Spam training user: spam.zmvcl3t9kr@no
8) Non-spam(Ham) training user: ham.hkrytl7jd@no
9) SMTP host: test.local.domain
10) Web server HTTP port: 8080
11) Web server HTTPS port: 8443
12) Web server mode: https
13) IMAP server port: 7143
14) IMAP server SSL port: 7993
15) POP server port: 7110
16) POP server SSL port: 7995
17) Use spell check server: no
18) Enable version update checks: TRUE
19) Enable version update notifications: TRUE
20) Version update notification email: admin@no
21) Version update source email: admin@no
22) Install mailstore (service webapp): yes
23) Install UI (zimbra,zimbraAdmin webapps): yes

```

Select, or 'r' for previous menu [r] 4

Password for admin@no (min 6 characters): [4H0Ek\_g8F] dkfh0814

Store configuration

```

1) Status: Enabled
2) Create Admin User: yes
3) Admin user to create: admin@no
4) Admin Password set
5) Anti-virus quarantine user: virus-
quarantine.l4af2sugma@no
6) Enable automated spam training: yes
7) Spam training user: spam.zmvcl3t9kr@no
8) Non-spam(Ham) training user: ham.hkrytl7jd@no
9) SMTP host: test.local.domain
10) Web server HTTP port: 8080
11) Web server HTTPS port: 8443
12) Web server mode: https
13) IMAP server port: 7143
14) IMAP server SSL port: 7993
15) POP server port: 7110
16) POP server SSL port: 7995
17) Use spell check server: no
18) Enable version update checks: TRUE
19) Enable version update notifications: TRUE
20) Version update notification email: admin@no
21) Version update source email: admin@no
22) Install mailstore (service webapp): yes
23) Install UI (zimbra,zimbraAdmin webapps): yes

```

Select, or 'r' for previous menu [r] r

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
8) zimbra-proxy: Enabled
9) Default Class of Service Configuration:
s) Save config to file
x) Expand menu
q) Quit

```

```

*** 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.17565]
Saving config in /opt/zimbra/config.17565...done.
The system will be modified - continue? [No] yes
Operations logged to /tmp/zmsetup12222014-104138.log
Setting local config values...done.
Initializing core config...Setting up CA...done.

```

```
Deploying CA to /opt/zimbra/conf/ca ...done.
Creating SSL zimbra-store certificate...done.
Creating new zimbra-ldap SSL certificate...done.
Creating new zimbra-mta SSL certificate...done.
Creating new zimbra-proxy SSL certificate...done.
Installing mailboxd SSL certificates...done.
Installing MTA SSL certificates...done.
Installing LDAP SSL certificate...done.
Installing Proxy SSL certificate...done.
Initializing ldap...done.
Setting replication password...done.
Setting Postfix password...done.
Setting amavis password...done.
Setting nginx password...done.
Setting BES searcher password...done.
Creating server entry for test.local.domain...done.
Setting Zimbra IP Mode...done.
Saving CA in ldap ...done.
Saving SSL Certificate in ldap ...done.
Setting service ports on test.local.domain...done.
Setting zimbraFeatureTasksEnabled=TRUE...done.
Setting zimbraFeatureBriefcasesEnabled=TRUE...done.
Setting Master DNS IP address(es)...done.
Setting DNS cache tcp lookup preference...done.
Setting DNS cache udp lookup preference...done.
Setting DNS tcp upstream preference...done.
Setting MTA auth host...done.
Setting TimeZone Preference...done.
Initializing mta config...done.
Setting services on test.local.domain...done.
Adding test.local.domain to zimbraMailHostPool in default COS...done.
Creating domain no...done.
Setting default domain name...done.
Creating domain no...already exists.
Creating admin account admin@no...done.
Creating root alias...done.
Creating postmaster alias...done.
Creating user spam.zmvcl3t9kr@no...done.
Creating user ham.hkrytl7jd@no...done.
Creating user virus-quarantine.l4af2sugma@no...done.
Setting spam training and Anti-virus quarantine accounts...done.
Initializing store sql database...done.
Setting zimbraSmtphostname for test.local.domain...done.
Configuring SNMP...done.
Setting up syslog.conf...done.
Starting servers...done.
Installing common zimlets...
    com_zimbra_url...done.
    com_zimbra_mailarchive...done.
    com_zimbra_attachmail...done.
    com_zimbra_cert_manager...done.
```

```
com_zimbra_webex...done.  
com_zimbra_linkedinimage...done.  
com_zimbra_proxy_config...done.  
com_zimbra_date...done.  
com_zimbra_email...done.  
com_zimbra_attachcontacts...done.  
com_zimbra_ymemoticons...done.  
com_zimbra_tooltip...done.  
com_zimbra_viewmail...done.  
com_zimbra_phone...done.  
com_zimbra_adminversioncheck...done.  
com_zimbra_srchhighlighter...done.  
com_zimbra_bulkprovision...done.  
com_zimbra_clientuploader...done.
```

Finished installing common zimlets.

Restarting mailboxd...done.

Creating galsync account for default domain...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 (8.5.1\_GA\_3056\_RHEL6\_64)

The ADMIN EMAIL ADDRESS created (admin@no)

Notify Zimbra of your installation? [Yes] no

Notification skipped

Setting up zimbra crontab...done.

Moving /tmp/zmsetup12222014-104138.log to /opt/zimbra/log

Configuration complete - press return to exit

```
[root@test ~]# cd /opt/zimbra  
[root@test ~]# su - zimbra  
[zimbra@test ~]# zmcontrol status  
Host test.local.domaintest  
  antispan           Running  
  antivirus          Running  
  convertd           Running  
  ldap               Running  
  logger             Running  
  mailbox            Running  
  mta                 Running  
  snmp                Running  
  spell              Running  
  stats              Running
```

zmconfigd

Running

From:

<https://atl.kr/dokuwiki/> - **AllThatLinux!**

Permanent link:

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