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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

URL : <http://blog.bizmerce.com/?p=1615>

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, Zimbra, SNMP, ( ), Zimbra Spell( ), ( )

## Menu

## Common Configuration

**Hostname :** ZCS : LDAP : LDAP master host : LDAP ,  
**LDAP port :** 389 **LDAP Admin password**  
**Secure interprocess communications :** YES,  
replica LDAP . master LDAP .  
**TimeZone :** .  
(Class Of Service; COS) .  
Time: PST) **IP Mode :** IPv4 (Pacific Standard

## Zimbra LDAP

(Disable) **Create Domain :**

가

**Domain to create :**

DNS

LDAP LDAP LDAP

LDAP Replication password : LDAP 가 LDAP LDAP master server

LDAP LDAP LDAP

LDAP Postfix password : postfix MTA LDAP

LDAP LDAP LDAP

LDAP Amavis password : amavis MTA 가 LDAP

LDAP LDAP Server

## Zimbra Store

**Create Admin User :** Zimbra Server

**Admin user to create :**

6

**Admin Password :** 가

**Anti-virus :**

**quarantine user :** ( ) mailbox

AmavisD가

**automated spam training :** 가

7

### 1. Spam Training User :

### 2. Non-spam(HAM) Training User :

- **SMTP host** : 25
- **Web server HTTP** : 80
- **Web server HTTPS** : 443

HTTP, HTTPS, Mixed, Both, Redirect

HTTP, HTTPS

Mixed

HTTPS

Both

HTTP

HTTPS

Both

HTTP

HTTPS

HTTP

SSL

- **IMAP server** : 143
- **IMAP server SSL** : 993
- **POP server** : 110
- **POP server SSL** : 995
- : YES
- : http:<example.com>:7780/aspell.php \* **Enable version update**
- checks** : ZCS 가 True

\* **Enable version update notification :** 가 True

\* **Version update notification email :**

    \* **Version update source email :**

        . MTA . MTA . Zimbra-mta MTA Auth host :

        . MTA . Enable Spamassassin :

        . Enable ClamAV :

Notification address for AV alerts :

        . Postfix . Bind password for Postfix LDAP user :

        . LDAP Server . Zimbra-

BindPassword for Amavis LDAP Server : . Zimbra-

snmp( ) Enable SNMP notifications : YES SNMP Trap hostname Enable

SMTP notification : YES SMTP Source email address SMTP Destination email

address Zimbra-logger . zimbra-spell

        . Enable VMWare HA VMWare HA 가

        . Default Class of Service Configuration

Zimbra . Collapse menu :

Start Servers after configuration :

    . Save config to file :

    . Expand menu : . Quit :

===== Zimbra Installation ===== Step 1. hostname =====

Host	DNS	가	Host	, Host	MX	가	DNS
			Host				localhost

ip <code vim> [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.domain test.local.domain</code> == Step 2. resolve.conf == <code vim> [root@test ~]# cat /etc/resolv.conf ; generated by /sbin/dhclient-script search localdomain local.domain nameserver 192.168.106.21 </code> == Step 3. zimbra == <code vim> [root@test ~]# tar xvf zcs-8.5.1\_GA\_3056.RHEL6\_64.20141103151539.tgz </code> == Step 4. zimbra == <code vim> [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
192.168.106.21	. No results returned for A lookup of test.local.domain	Checked nameservers: 192.168.106.21	Checked nameservers: 192.168.106.21 MX: . MX:
test.local.com(10.0.0.20)			

Interface: 10.0.0.20  
Interface: 127.0.0.1

Interface: ::1

Checking for port conflicts

</code> . 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:
  +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_srchighlighter...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:  
[https://atl.kr/dokuwiki/doku.php/zimbra\\_installation\\_guide](https://atl.kr/dokuwiki/doku.php/zimbra_installation_guide)

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