

- Zimbra Installation Guide** 3
- Zimbra 3
- Zimbra Package Download 3
- Zimbra Main Menu 3

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 가

Common Configuration

Hostname : ZCS **LDAP master host :** LDAP ,
LDAP port : 389 **LDAP Admin password**
Secure interprocess communications : YES,
 . master LDAP

replica LDAP **TimeZone :**
 (Class Of Service; COS) .
 (Pacific Standard Time; PST) **IP Mode :** IPv4 .

Zimbra LDAP

Status : . LDAP

(Disable)

. **Create Domain :**

. 가

. **Domain to create :**

DNS

. **LDAP Root password :**

LDAP

LDAP

. **LDAP Replication password :** LDAP

가 LDAP

LDAP master server

. **LDAP Postfix password :** postfix

LDAP

MTA

LDAP

. **LDAP Amavis password :** amavis

가

LDAP

MTA

LDAP

Server

Zimbra Store

Create Admin User :

Zimbra Server

. **Admin user to create :**

. **Admin Password :**

6

가

. **Anti-virus**

quarantine user :

()

AmavisD가

mailbox

7

. **Enable**

automated spam training :

가

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

HTTP ,

HTTPS

, Both HTTP

HTTP , HTTPS

HTTPS

, Redirect

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 : ZCS가

True

```

* Enable version update notification : 가
. 가 True
* Version update notification email :
. * Version update source email :
. 가 . Zimbra-mta MTA Auth host :
MTA . MTA 가
. Enable Spamassassin :
. Enable ClamAV :
Notification address for AV alerts :
. Bind password for Postfix LDAP user :
. Postfix LDAP Server
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 Copnfiguration
Zimbra 가
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
MX 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.domaintest </code> == Step 2. resolve.conf == <code vim>
[root@test ~]# cat /etc/resolv.conf ; generated by /sbin/dhclient-script search
localhost 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: NPPL

```

```

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

</code> . zimbra

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
  antispam           Running
  antivirus          Running
  convertfd         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

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