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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 Installation

Step 1. hostname

Host DNS 가 Host , Host MX 가 . DNS
 MX Host Host . localhost ip

```
[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
```

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FIRST ACCEPT THE TERMS OF THIS AGREEMENT. BY DOWNLOADING OR INSTALLING
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<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 |

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