Zimbra Installation Guide

Zimbra

-
  1. Intel/AMD 64bit CPU 2.0GHz
  2. 4GB RAM
  3. 15GB
  4.
  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-LDAP, Zimbra MTA
        , Zimbra   , SNMP   (   ), Zimbra Spell(   ),   (
)   .

Menu   .
                              .

                              .

Common Configuration

Hostname :   **LDAP master host** : LDAP   ,
            ZCS   **LDAP port** :   389 **LDAP Admin password**
: LDAP   **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** :
                                         .

        . **Domain to create** :   .
DNS   .

            . **LDAP Root password** :   LDAP   LDAP
    . **LDAP Replication password** : LDAP   LDAP
                                    . LDAP master server
        . **LDAP Postfix password** : postfix   LDAP
                            MTA   ,
LDAP   . **LDAP Amavis password** : amavis
LDAP   MTA   LDAP
Server   .

Zimbra Store

Create Admin User :   .   Zimbra Server
                            . **Admin user to create** :
            .

                                . **Admin Password** :
            .   6   .
                ,   . **Anti-virus**
quarantine user :   (   )   .
AmivisD   mailbox
    .   7   . **Enable**
automated spam training :   .
                        .   .
                    .

   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 *: ZCS   .   True   .*

* **Enable version update notification** :
.   True   .

* **Version update notification email** :
.   . * **Version update source email** :
.   .

. Zimbra-mta MTA Auth host :
MTA   . MTA
. 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
. Default Class of Service Copnfiguration
Zimbra
.   Collapse menu :   .
Start Servers after configuration :
. Save config to file :
. Expand menu :   . Quit :
==== Zimbra Installation ==== ===Step 1. hostname   = = =
Host   DNS   Host ,   Host   MX   .   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
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
. *No results returned for A lookup of test.local.domain Checked nameservers: 192.168.106.21* DNS 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

,   .   ()
,   .

```
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): [4HOEk_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:
https://atl.kr/dokuwiki/doku.php/zimbra_installation_guide?rev=1449032437

Last update: **2015/12/02 05:00**