

===== ZIMBRA_INSTALLATION =====

PREREQUISITES:-

- 2GB RAM
- 20GB HARD_DISK

INSTALLATION —

1. Update your system
sudo yum update -y 'or' apt update -y
2. Disable SELinux and firewall
getenforce - For check selinux status
setenforce 0 - For stop selinux
systemctl status firewalld - For check firewall status
systemctl stop firewalld - For stop firewall
3. Download zimbra tar file using this command
wget
https://files.zimbra.com/downloads/zcs/8.8.15_GA/zcs-8.8.15_GA_3866.RHEL8_64.20210921193007.tgz
4. Untar/unzip tar file and move into /opt path
tar -xvf 'zcs-9.0.0_OSE_RHEL8_latest-zextras.tgz'

```
[root@zimbra ~]# tar -xvf 'zcs-9.0.0_OSE_RHEL8_latest-zextras (1).tgz'
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/README.txt
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/.BUILD_NUM
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/zcl.txt
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/en_US/
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/en_US/Fedora Server Config.pdf
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/en_US/Zimbra iCalendar Migration Guide.pdf
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/en_US/RNZCS0_2005Beta.pdf
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/en_US/admin.pdf
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/en_US/MigrationWizard.pdf
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/en_US/zimbra_user_guide.pdf
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/en_US/User Instructions for ZCS Import Wizard.pdf
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/en_US/MigrationWizard_Domino.pdf
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/en_US/quick_start.pdf
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/en_US/OSMultiserverinstall.pdf
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/en_US/Migration_Exch_Admin.pdf
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/docs/en_US/Import_Wizard_Outlook.pdf
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/bin/
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/bin/zmdbintegrityreport
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/bin/zmValidateldap.pl
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/bin/get_plat_tag.sh
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/bin/checkService.pl
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/bin/checkLicense.pl
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/.BUILD_PLATFORM
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/.BUILD_TYPE
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/install.sh
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/packages/
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/packages/zimbra-mta-9.0.0_ZEXTRAS_20231104.RHEL8_64-2023
zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/packages/zimbra-store-9.0.0_ZEXTRAS_20231104.RHEL8_64-2023
```

5. Move zimbra to /opt folder

```
# mv zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/ zimbra
```

```
# mv zimbra/ /opt/
```

```
[root@zimbra ~]# mv zcs-9.0.0_ZEXTRAS_20231104.RHEL8_64.20231124123142/ zimbra
[root@zimbra ~]# ls
anaconda-ks.cfg  original-ks.cfg  'zcs-9.0.0_OSE_RHEL8_latest-zextras (1).tgz'  zimbra
[root@zimbra ~]# mv z
zcs-9.0.0_OSE_RHEL8_latest-zextras (1).tgz  zimbra/
[root@zimbra ~]# mv zimbra/ /opt/
[root@zimbra ~]# cd /opt/
```

6. Go to /opt/zimbra folder and make the script executable and run 'install.sh' script

```
# ./install.sh
```

```
[root@zimbra opt]# cd zimbra/
[root@zimbra zimbra]# ls
bin  data  docs  install.sh  lib  packages  readme_binary_en_US.txt  README.txt  util
[root@zimbra zimbra]# ./install.sh
```

```
Operations logged to /tmp/install.log.lc5tuUB7
```

```
Checking for existing installation...
```

```
zimbra-drive...NOT FOUND
zimbra-imapd...NOT FOUND
zimbra-license-tools...NOT FOUND
zimbra-license-extension...NOT FOUND
zimbra-network-store...NOT FOUND
zimbra-network-modules-ng...NOT FOUND
zimbra-chat...NOT FOUND
zimbra-connect...NOT FOUND
zimbra-talk...NOT FOUND
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-core...NOT FOUND
```

```
-----
PLEASE READ THIS AGREEMENT CAREFULLY BEFORE USING THE SOFTWARE.
SYNACOR, INC. ("SYNACOR") 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 this Zimbra Collaboration Suite Software:
```

```
https://www.zimbra.com/license/zimbra-public-eula-2-6.html
```

```
-----
Do you agree with the terms of the software license agreement? [N] █
```

→ Give confirmation to install these packages

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

Use Zimbra's package repository [Y] y

Importing Zimbra GPG key

Configuring package repository

Checking for installable packages

Found zimbra-core (local)
Found zimbra-ldap (local)
Found zimbra-logger (local)
Found zimbra-mta (local)
Found zimbra-dnscache (local)
Found zimbra-snmp (local)
Found zimbra-store (local)
Found zimbra-apache (local)
Found zimbra-spell (local)
Found zimbra-memcached (repo)
Found zimbra-proxy (local)
Found zimbra-drive (repo)
Found zimbra-imapd (local)

The Zimbra Collaboration Server does not appear to be installed,
yet there appears to be a ZCS directory structure in /opt/zimbra.

Would you like to delete /opt/zimbra before installing? [N] n

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
```

→ Installing packages.

```
Install zimbra-dnscache [Y] y
Install zimbra-snmp [Y] y
Install zimbra-store [Y] y
Install zimbra-apache [Y] y
Install zimbra-spell [Y] y
Install zimbra-memcached [Y] y
Install zimbra-proxy [Y] y
Install zimbra-drive [Y] y
Install zimbra-imapd (BETA - for evaluation only) [N] y
```

```
Install zimbra-chat [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-spell
zimbra-memcached
zimbra-proxy
zimbra-drive
zimbra-imapd
zimbra-chat
```

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

Beginning Installation - see /tmp/install.log.AaexjwKC for details...

zimbra-core-components will be downloaded and installed.

Beginning Installation - see /tmp/install.log.AaexjwKC for details...

```
zimbra-core-components will be downloaded and installed.
zimbra-common-core-jar will be installed.
zimbra-common-core-libs will be installed.
zimbra-common-mbox-conf will be installed.
zimbra-common-mbox-conf-attrs will be installed.
zimbra-common-mbox-conf-msgs will be installed.
zimbra-common-mbox-conf-rights will be installed.
zimbra-common-mbox-db will be installed.
zimbra-common-mbox-docs will be installed.
zimbra-common-mbox-native-lib will be installed.
zimbra-timezone-data will be installed.
zimbra-core will be installed.
zimbra-ldap-components will be downloaded and installed.
zimbra-ldap will be installed.
zimbra-logger will be installed.
zimbra-mta-components will be downloaded and installed.
zimbra-mta will be installed.
zimbra-dnscache-components will be downloaded and installed.
zimbra-dnscache will be installed.
zimbra-snmp-components will be downloaded and installed.
zimbra-snmp will be installed.
Last metadata expiration check: 0:07:36 ago on Sun 25 Aug 2024 07:04:11 AM PDT.
zimbra-jetty-distribution will be downloaded and installed.
zimbra-store-components will be downloaded and installed.
zimbra-mbox-admin-console-war will be installed.
zimbra-mbox-conf will be installed.
zimbra-mbox-war will be installed.
zimbra-mbox-service will be installed.
zimbra-mbox-store-libs will be installed.
zimbra-mbox-webclient-war will be installed.
zimbra-store will be installed.
zimbra-apache-components will be downloaded and installed.
zimbra-apache will be installed.
zimbra-spell-components will be downloaded and installed.
zimbra-spell will be installed.
Last metadata expiration check: 0:08:57 ago on Sun 25 Aug 2024 07:04:11 AM PDT.
zimbra-memcached will be downloaded and installed.
zimbra-proxy-components will be downloaded and installed.
zimbra-proxy will be installed.
Last metadata expiration check: 0:10:47 ago on Sun 25 Aug 2024 07:04:11 AM PDT.
zimbra-drive will be downloaded and installed (later).
zimbra-imapd will be installed.
```

→ Removing existing packages.

zimbra-drive will be downloaded and installed (later).
zimbra-imapd will be installed.

Last metadata expiration check: 0:11:24 ago on Sun 25 Aug 2024 07:04:11 AM PDT.

zimbra-chat will be downloaded and installed (later).

Downloading packages (11):
zimbra-core-components
zimbra-ldap-components
zimbra-mta-components
zimbra-dnscache-components
zimbra-snmp-components
zimbra-jetty-distribution
zimbra-store-components
zimbra-apache-components
zimbra-spell-components
zimbra-memcached
zimbra-proxy-components
...done

Shutting down zimbra mail

Removing existing packages

done

Installing repo packages (11):
zimbra-core-components
zimbra-ldap-components
zimbra-mta-components
zimbra-dnscache-components
zimbra-snmp-components
zimbra-jetty-distribution
zimbra-store-components
zimbra-apache-components
zimbra-spell-components
zimbra-memcached
zimbra-proxy-components
...

done

Installing local packages (27):
zimbra-common-core-jar
zimbra-common-core-libs
zimbra-common-mbox-conf
zimbra-common-mbox-conf-attrs

```
...done

Installing local packages (27):
  zimbra-common-core-jar
  zimbra-common-core-libs
  zimbra-common-mbox-conf
  zimbra-common-mbox-conf-attrs
  zimbra-common-mbox-conf-msgs
  zimbra-common-mbox-conf-rights
  zimbra-common-mbox-db
  zimbra-common-mbox-docs
  zimbra-common-mbox-native-lib
  zimbra-timezone-data
  zimbra-core
  zimbra-ldap
  zimbra-logger
  zimbra-mta
  zimbra-dnscache
  zimbra-snmp
  zimbra-mbox-admin-console-war
  zimbra-mbox-conf
  zimbra-mbox-war
  zimbra-mbox-service
  zimbra-mbox-store-libs
  zimbra-mbox-webclient-war
  zimbra-store
  zimbra-apache
  zimbra-spell
  zimbra-proxy
  zimbra-imapd
  ...done

Installing extra packages (2):
  zimbra-drive
  zimbra-chat
  ...done

Running Post Installation Configuration:
Operations logged to /tmp/zmsetup.20240827-093722.log
Installing LDAP configuration database...done.
Setting defaults...      MX: us-smtp-inbound-2.mimecast.com (205.139.110.141
                          MX: us-smtp-inbound-2.mimecast.com (205.139.110.141)
```

→ Here the console menu is open, Here set the password by pressing 4

```

+POP server SSL port:          7995
+Use spell check server:      yes
+Spell server URL:           http://surya.com:7780/aspell.php
+Enable version update checks: TRUE
+Enable version update notifications: TRUE
+Version update notification email: admin@surya.com
+Version update source email:  admin@surya.com
+Install mailstore (service webapp): yes
+Install UI (zimbra,zimbraAdmin webapps): yes

8) zimbra-spell:              Enabled
9) zimbra-proxy:              Enabled
10) zimbra-imapd:             Enabled
11) 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@surya.com
** 4) Admin Password          UNSET
5) Anti-virus quarantine user: virus-quarantine.tervagwpm@surya.com
6) Enable automated spam training: yes
7) Spam training user:       spam.cxdqjith@surya.com
8) Non-spam(Ham) training user: ham.7ytauum7k@surya.com
9) SMTP host:                 surya.com
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:   yes
18) Spell server URL:        http://surya.com:7780/aspell.php
19) Enable version update checks: TRUE
20) Enable version update notifications: TRUE
21) Version update notification email: admin@surya.com
22) Version update source email:  admin@surya.com
23) Install mailstore (service webapp): yes

```

→ I have successfully set the password.


```

8) Non-spam(Ham) training user:      ham.7ytaum7k@surya.com
9) SMTP host:                        surya.com
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:          yes
18) Spell server URL:                http://surya.com:7780/aspell.php
19) Enable version update checks:    TRUE
20) Enable version update notifications: TRUE
21) Version update notification email: admin@surya.com
22) Version update source email:     admin@surya.com
23) Install mailstore (service webapp): yes
24) Install UI (zimbra,zimbraAdmin webapps): yes

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

Password for admin@surya.com (min 6 characters): [juRHwNw0ih] Surya@123

Store configuration

1) Status:                           Enabled
2) Create Admin User:                 yes
3) Admin user to create:              admin@surya.com
4) Admin Password                     set
5) Anti-virus quarantine user:        virus-quarantine.tervagwpm@surya.com
6) Enable automated spam training:    yes
7) Spam training user:                spam.cxdqjith@surya.com
8) Non-spam(Ham) training user:      ham.7ytaum7k@surya.com
9) SMTP host:                        surya.com
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:           yes
18) Spell server URL:                 http://surya.com:7780/aspell.php
19) Enable version update checks:     TRUE
20) Enable version update notifications: TRUE
21) Version update notification email: admin@surya.com
22) Version update source email:      admin@surya.com

```

→ Here pressing 'r' for previous menu and then press 'a' for save changes

```
19) Enable version update checks: TRUE
20) Enable version update notifications: TRUE
21) Version update notification email: admin@surya.com
22) Version update source email: admin@surya.com
23) Install mailstore (service webapp): yes
24) 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-spell: Enabled
9) zimbra-proxy: Enabled
10) zimbra-imapd: Enabled
11) 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.25655] tyess
Saving config in tyess...done.
The system will be modified - continue? [No] yes
Operations logged to /tmp/zmsetup.20240827-093722.log
Setting local config values...done.
Initializing core config...Setting up CA...done.
Deploying CA to /opt/zimbra/conf/ca ...done.
Creating SSL zimbra-imapd certificate...done.
Creating new zimbra-store SSL 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 imapd SSL certificates...done.
Installing MTA SSL certificates...done.
Installing LDAP SSL certificate...done.
Installing Proxy SSL certificate...done.
```

```
Creating SSL zimbra-imapd certificate...done.
Creating new zimbra-store SSL 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 imapd 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 surya.com...done.
Setting Zimbra IP Mode...done.
Saving CA in ldap...done.
Saving SSL Certificate in ldap...done.
Setting spell check URL...done.
Setting service ports on surya.com...done.
Setting zimbraFeatureTasksEnabled=TRUE...done.
Setting zimbraFeatureBriefcasesEnabled=TRUE...done.
Checking current setting of zimbraReverseProxyAvailableLookupTargets
Querying LDAP for other mailstores
Searching LDAP for reverseProxyLookupTargets...done.
Adding surya.com to zimbraReverseProxyAvailableLookupTargets
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.
Updating zimbraLDAPSchemaVersion to version '1649766200'
Setting TimeZone Preference...done.
Disabling strict server name enforcement on surya.com...done.
Initializing mta config...done.
Setting services on surya.com...done.
Adding surya.com to zimbraMailHostPool in default COS...done.
Creating domain surya.com...done.
Setting default domain name...done.
Creating domain surya.com...already exists.
Creating admin account admin@surya.com...done.
Creating root alias...done.
Creating postmaster alias...done.
Creating user spam.cxdqjith@surya.com...done.
Creating user ham.7ytauum7k@surya.com...done.
```

→ Now starting the server.

```
Setting zimbraReverseProxySSLProtocols...done.
Setting zimbraReverseProxySSLCiphers...done.
Setting mailboxd_java_options...done.
Setting zimbra_zmjava_options...done.
Setting ldap_common_tlsciphersuite...done.
Setting ldap_common_tlsprotocolmin...done.
Setting amavis_sslversion...done.
Setting java options...done.
Starting servers...done.
Enabling jetty logging...done.
Installing common zimlets...
  com_zimbra_adminversioncheck...done.
  com_zimbra_attachcontacts...done.
  com_zimbra_attachmail...done.
  com_zimbra_bulkprovision...done.
  com_zimbra_cert_manager...done.
  com_zimbra_date...done.
  com_zimbra_email...done.
  com_zimbra_mailarchive...done.
  com_zimbra_phone...done.
  com_zimbra_proxy_config...done.
  com_zimbra_srchhighlighter...done.
  com_zimbra_tooltip...done.
  com_zimbra_url...done.
  com_zimbra_viewmail...done.
  com_zimbra_webex...done.
  com_zimbra_ymemoticons...done.
  com_zextras_drive_open...done.
  com_zextras_chat_open...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 (9.0.0_ZEXTRAS_20231104_RHEL8_64)
The ADMIN EMAIL ADDRESS created (admin@surya.in)

Notify Zimbra of your installation? [Yes] **yes**
A Yes/No answer is required

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 (9.0.0_ZEXTRAS_20231104_RHEL8_64)

```
com_zimbra_vcalendar...done.  
com_zimbra_webex...done.  
com_zimbra_ymemoticons...done.  
com_zextras_drive_open...done.  
com_zextras_chat_open...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 (9.0.0_ZEXTRAS_20231104_RHEL8_64)  
  The ADMIN EMAIL ADDRESS created (admin@surya.in)  
  
Notify Zimbra of your installation? [Yes] yes  
A Yes/No answer is required  
  
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 (9.0.0_ZEXTRAS_20231104_RHEL8_64)  
  The ADMIN EMAIL ADDRESS created (admin@surya.in)  
  
Notify Zimbra of your installation? [Yes] no  
Notification skipped  
Setting up zimbra crontab...done.  
  
Moving /tmp/zmsetup.20240905-083015.log to /opt/zimbra/log  
  
Configuration complete - press return to exit  
  
[surya@surya zimbra]$ █
```

Installation completed successfully.

