

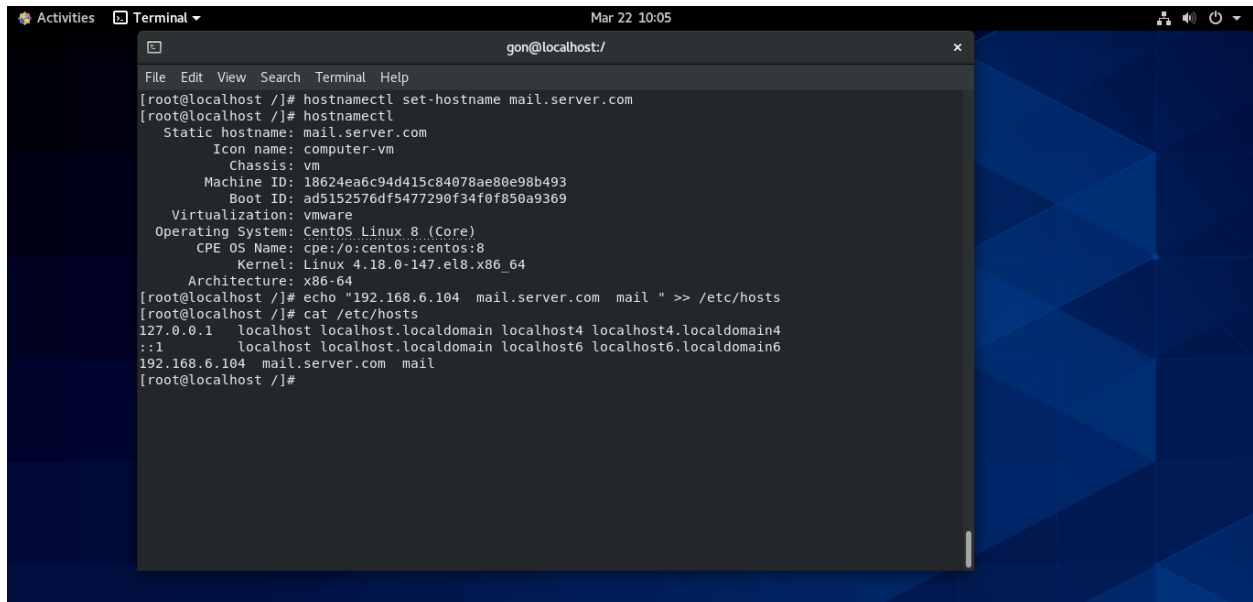
1/1/2021

Zimbra Mail Server

System Administration

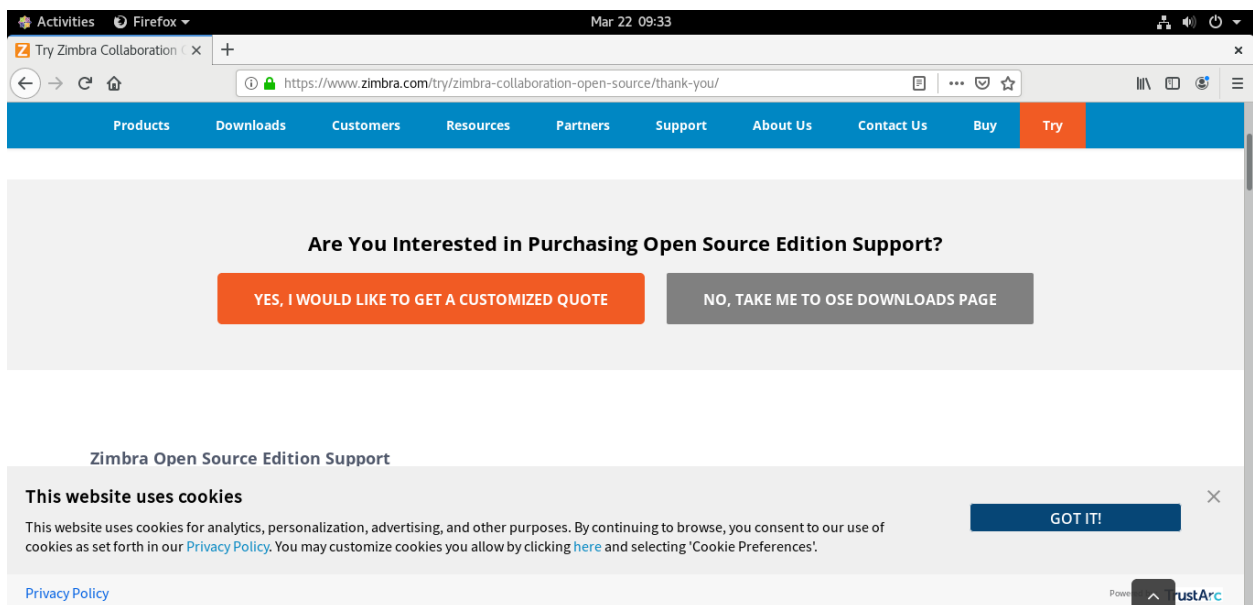
ZIMBRA MAIL SERVER

- Assign and Hostname and assign it to the hosts file.

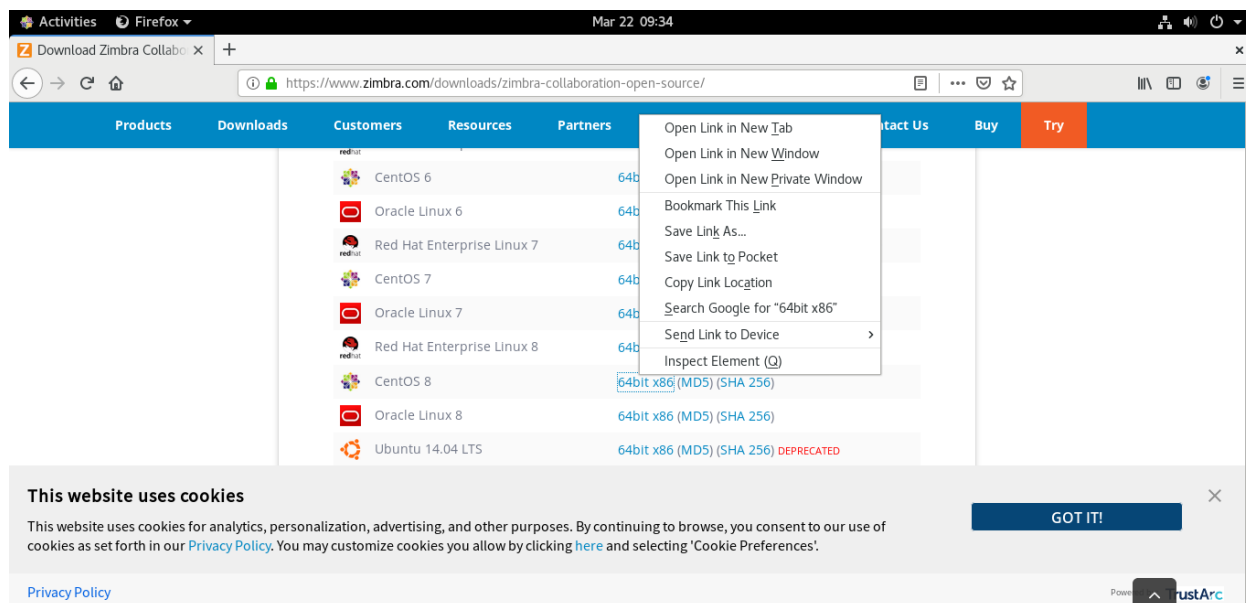


```
gon@localhost: /  
File Edit View Search Terminal Help  
[root@localhost ~]# hostnamectl set-hostname mail.server.com  
[root@localhost ~]# hostnamectl  
Static hostname: mail.server.com  
Icon name: computer-vm  
Chassis: vm  
Machine ID: 18624ea6c94d415c84078ae80e98b493  
Boot ID: ad5152576df5477290f34f0f850a9369  
Virtualization: vmware  
Operating System: CentOS Linux 8 (Core)  
CPE OS Name: cpe:/o:centos:centos:8  
Kernel: Linux 4.18.0-147.el8.x86_64  
Architecture: x86_64  
[root@localhost ~]# echo "192.168.6.104 mail.server.com mail" >> /etc/hosts  
[root@localhost ~]# cat /etc/hosts  
127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4  
::1 localhost localhost.localdomain localhost6 localhost6.localdomain6  
192.168.6.104 mail.server.com mail  
[root@localhost ~]#
```

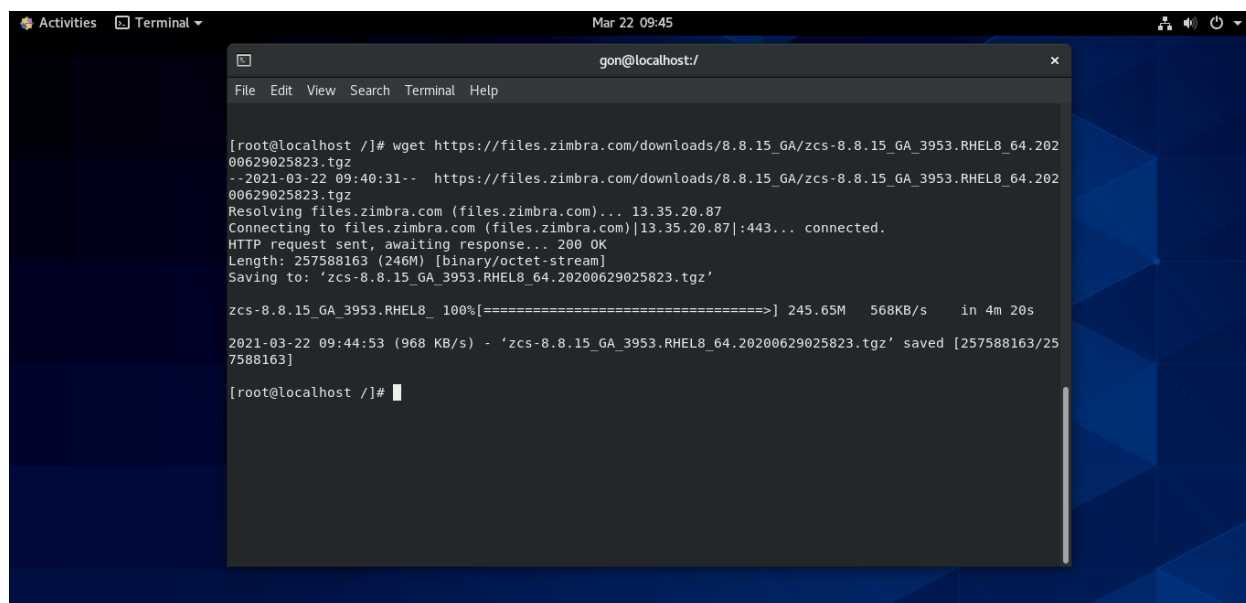
- Visit <https://www.zimbra.com/try/zimbra-collaboration-open-source/> .
- And fill the form, download the software .



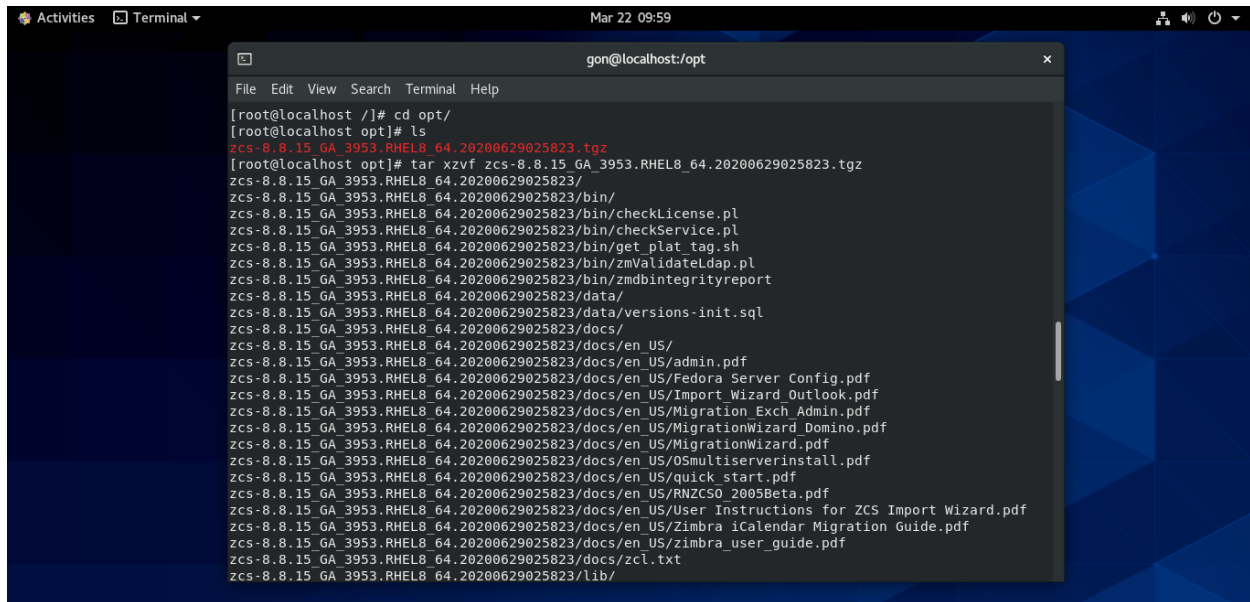
- Open the link and download it.
- Or right click the link and copy it.



- If you download it through side, then skip this part.
- If you copied the link the type it with wget to download it.



- Extract the file you downloaded.

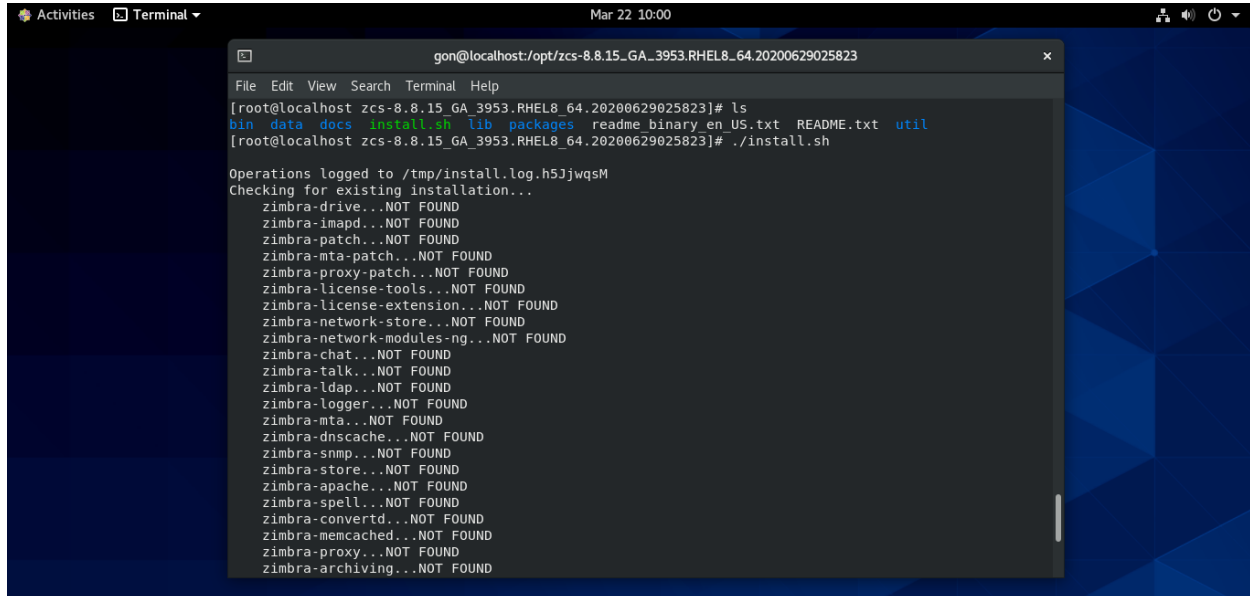


A terminal window titled 'gon@localhost:opt' with a menu bar (File, Edit, View, Search, Terminal, Help). The user is at the root of the filesystem. They navigate to the 'opt' directory and list the contents, showing a file named 'zcs-8.8.15_GA_3953.RHEL8_64.20200629025823.tgz'. They then run 'tar xzvf zcs-8.8.15_GA_3953.RHEL8_64.20200629025823.tgz', which extracts a large number of files and directories, including bin, data, docs, and lib.

```
gon@localhost:opt
File Edit View Search Terminal Help

[root@localhost /]# cd opt/
[root@localhost opt]# ls
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823.tgz
[root@localhost opt]# tar xzvf zcs-8.8.15_GA_3953.RHEL8_64.20200629025823.tgz
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/bin/
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/bin/checkLicense.pl
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/bin/checkService.pl
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/bin/get_plat_tag.sh
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/bin/zmValidateLdap.pl
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/bin/zmdbintegrityreport
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/data/
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/data/versions-init.sql
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/en_US/
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/en_US/admin.pdf
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/en_US/Fedora Server Config.pdf
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/en_US/Import Wizard Outlook.pdf
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/en_US/Migration Exch Admin.pdf
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/en_US/MigrationWizard Domino.pdf
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/en_US/MigrationWizard.pdf
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/en_US/OSmultiserverinstall.pdf
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/en_US/quick_start.pdf
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/en_US/RNICS0_2005Beta.pdf
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/en_US/User Instructions for ZCS Import Wizard.pdf
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/en_US/Zimbra iCalendar Migration Guide.pdf
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/en_US/zimbra_user_guide.pdf
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/docs/zcl.txt
zcs-8.8.15_GA_3953.RHEL8_64.20200629025823/lib/
```

- Use “./” and mention install.sh to INSTALL THE PROGRAM.



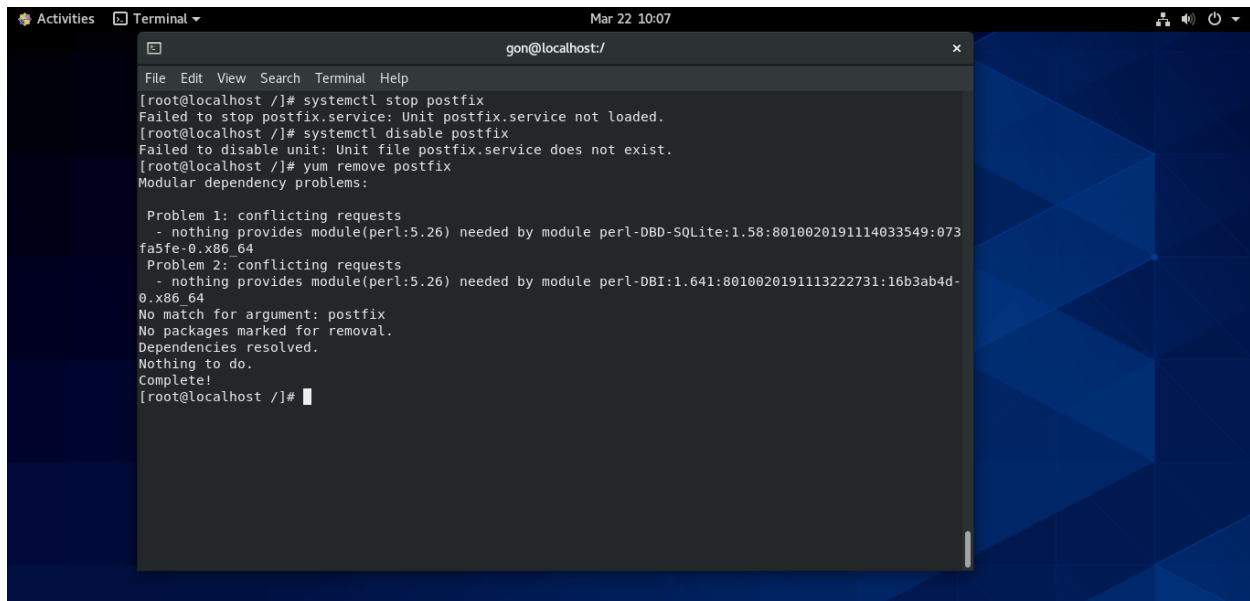
A terminal window titled 'gon@localhost:opt/zcs-8.8.15_GA_3953.RHEL8_64.20200629025823' with a menu bar (File, Edit, View, Search, Terminal, Help). The user is in the directory where the files were extracted. They run 'ls' and see the contents of the extracted directory. Then they run './install.sh', which starts the installation process. The output shows that it is checking for existing installations of various Zimbra components, all of which are 'NOT FOUND'.

```
gon@localhost:opt/zcs-8.8.15_GA_3953.RHEL8_64.20200629025823
File Edit View Search Terminal Help

[root@localhost zcs-8.8.15_GA_3953.RHEL8_64.20200629025823]# ls
bin data docs install.sh lib packages readme binary en_US.txt README.txt util
[root@localhost zcs-8.8.15_GA_3953.RHEL8_64.20200629025823]# ./install.sh

Operations logged to /tmp/install.log.h5JjwqSM
Checking for existing installation...
zimbra-drive...NOT FOUND
zimbra-imapd...NOT FOUND
zimbra-patch...NOT FOUND
zimbra-mta-patch...NOT FOUND
zimbra-proxy-patch...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-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-convert...NOT FOUND
zimbra-memcached...NOT FOUND
zimbra-proxy...NOT FOUND
zimbra-archiving...NOT FOUND
```

- Disable Unwanted Services.

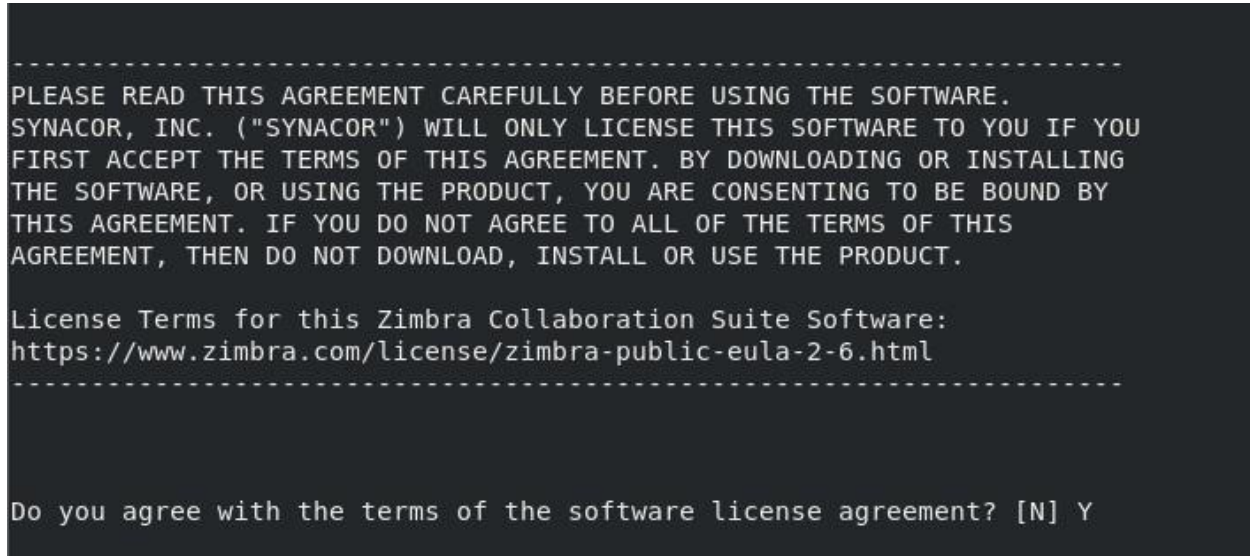


A terminal window titled 'gon@localhost:/' with a menu bar (File, Edit, View, Search, Terminal, Help) and a status bar (Mar 22 10:07). The terminal shows the following commands and output:

```
[root@localhost ~]# systemctl stop postfix
Failed to stop postfix.service: Unit postfix.service not loaded.
[root@localhost ~]# systemctl disable postfix
Failed to disable unit: Unit file postfix.service does not exist.
[root@localhost ~]# yum remove postfix
Modular dependency problems:

 Problem 1: conflicting requests
 - nothing provides module(perl:5.26) needed by module perl-DBD-SQLite:1.58:8010020191114033549:073fa5fe-0.x86_64
 Problem 2: conflicting requests
 - nothing provides module(perl:5.26) needed by module perl-DBI:1.641:8010020191113222731:16b3ab4d-0.x86_64
No match for argument: postfix
No packages marked for removal.
Dependencies resolved.
Nothing to do.
Complete!
[root@localhost ~]#
```

- Agree to the software License.



A terminal window displaying a software license agreement for Zimbra Collaboration Suite Software. The text is as follows:

```
-----
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] Y
```

- Give Yes to the PACKAGES.

```
Use Zimbra's package repository [Y] Y
Importing Zimbra GPG key
Y
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-imagd (local)
Found zimbra-patch (repo)
Found zimbra-mta-patch (repo)
Found zimbra-proxy-patch (repo)
```

```
gon@localhost
File Edit View Search Terminal Help
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] Y
Install zimbra-memcached [Y] Y
Install zimbra-proxy [Y] Y
Install zimbra-drive [Y] Y
Install zimbra-imagd (BETA - for evaluation only) [N] N
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.
```

- MODIFY THE CONFIGURATION WITH “Y”

```
The system will be modified. Continue? [N] Y
Beginning Installation - see /tmp/install.log.gCo0PCfx 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.
```

- USE NO 7 to assign password for web login.

```
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@mail.server.com
***** +Admin Password UNSET
   +Anti-virus quarantine user: virus-quarantine.yfzzmctu@mail.server.com
   +Enable automated spam training: yes
   +Spam training user: spam.n5s64br0@mail.server.com
   +Non-spam(Ham) training user: ham.jnouw4dy4c@mail.server.com
   +SMTP host: mail.server.com
   +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: yes
   +Spell server URL: http://mail.server.com:7780/aspell.php
   +Enable version update checks: TRUE
   +Enable version update notifications: TRUE
   +Version update notification email: admin@mail.server.com
```



```
gon@localhost:/opt/zcs-8.8.15_GA_3953.RHEL8_64.20200
File Edit View Search Terminal Help
Address unconfigured (**) items (? - help) 7

Store configuration

1) Status: Enabled
2) Create Admin User: yes
3) Admin user to create: admin@mail.server.com
** 4) Admin Password UNSET
5) Anti-virus quarantine user: virus-quarantine.yfzzmctu@mail.server.com
6) Enable automated spam training: yes
7) Spam training user: spam.n5s64br0@mail.server.com
8) Non-spam(Ham) training user: ham.jnouw4dy4c@mail.server.com
9) SMTP host: mail.server.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://mail.server.com:7780/aspell.php
19) Enable version update checks: TRUE
20) Enable version update notifications: TRUE
21) Version update notification email: admin@mail.server.com
22) Version update source email: admin@mail.server.com
23) Install mailstore (service webapp): yes
24) Install UI (zimbra,zimbraAdmin webapps): yes
```

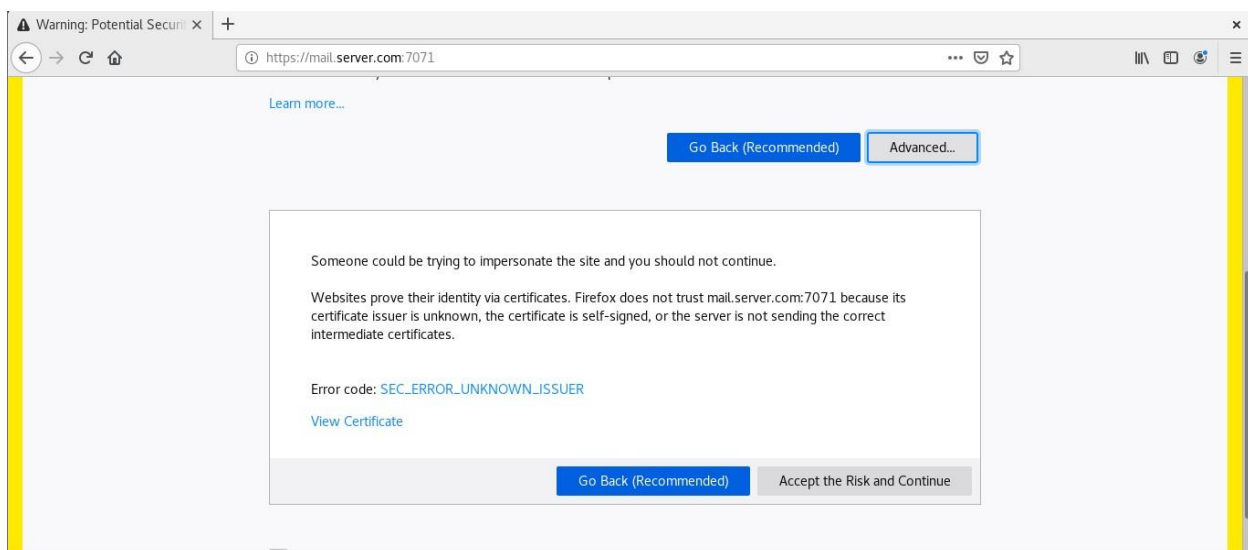
- AND no **4** for Admin Password.

```
Select, or 'r' for previous menu [r] 4
Password for admin@mail.server.com (min 6 characters): [xZ0iowL1ac] abc@123
```

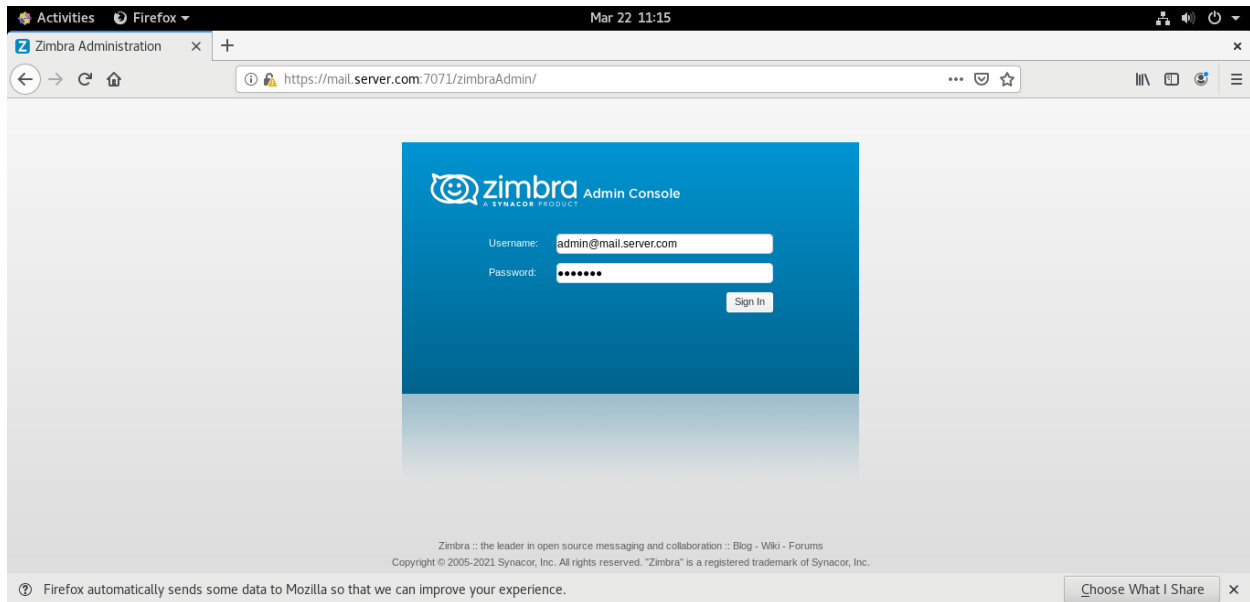

- And **a** to apply changes and save configurations.

```
*** 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.42611]
Saving config in /opt/zimbra/config.42611...done.
The system will be modified - continue? [No] Yes
Operations logged to /tmp/zmsetup.20210322-103734.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 mail.server.com...done.
Setting Zimbra IP Mode...done.
Saving CA in ldap...done.
Saving SSL Certificate in ldap...█
```

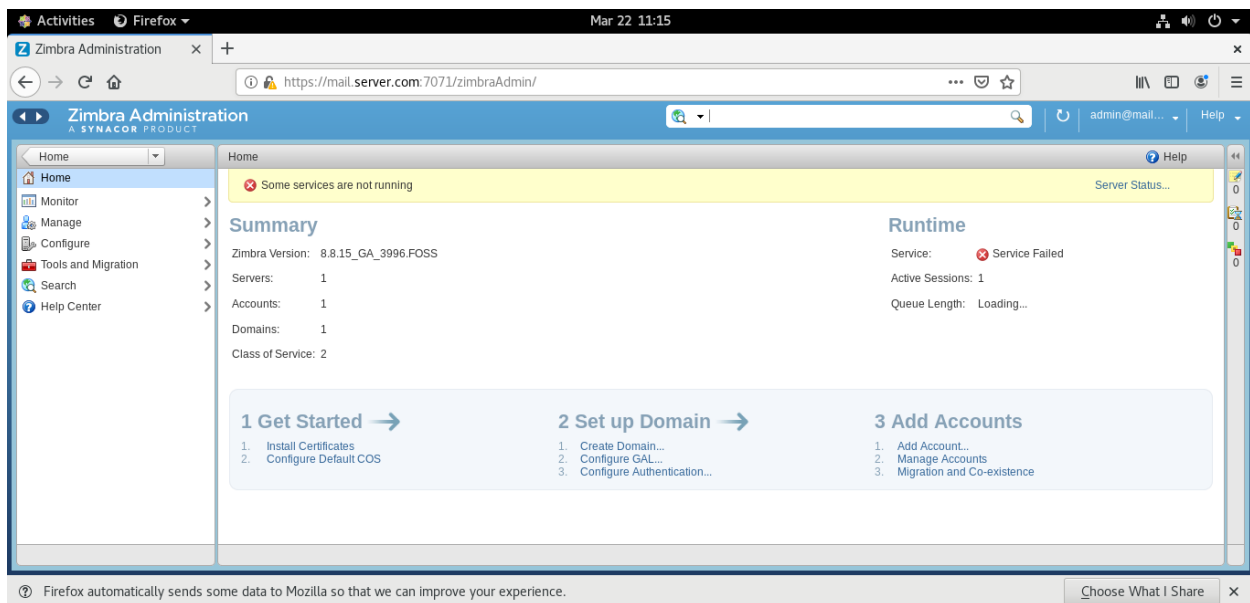
- Access the web login by typing the HOSTNAME with port number 7071 in a browser



- And Type your CREDENTIALS to LOGIN has ADMIN



- THE WEB INTERFACE.



- CREATING A USER ACCOUNT

The screenshot shows the Zimbra Administration interface in a Firefox browser window. The address bar shows the URL `https://mail.server.com:7071/zimbraAdmin/`. The page title is "Zimbra Administration A SYNACOR PRODUCT". The left sidebar contains a navigation menu with options: Home, Monitor, Manage, Configure, Tools and Migration, Search, and Help Center. The main content area is titled "New Account" and has a tabbed interface with "General Information" selected. The "Account Name" section contains the following fields: "Account name" (with "John" entered), "First name" (with "John" entered), "Middle initial" (empty), "Last name" (with "Cena" entered), and "Display name" (with "John Cena" entered and a checked "auto" checkbox). There is also a "Hide in GAL" checkbox. The "Account Setup" section has a "Status" dropdown menu set to "Active". At the bottom of the form are buttons for "Help", "Cancel", "Previous", "Next", and "Finish". On the right side of the interface, there is a "Server Status..." section with a "Failed" status indicator.

- CREATING PASSWORD

The screenshot shows the Zimbra Administration interface in a Firefox browser window, with the "New Account" form now on the "Password" tab. A yellow note box at the top of the form states: "Note: These settings do not affect the passwords set by users in domains that are configured to use external authentication." The "Password" section contains two password input fields: "Password" and "Confirm password", both filled with dots. Below these fields is a checked checkbox labeled "Must change password". The "Time Zone Setup" section has a "Time zone" dropdown menu set to "GMT -05:00 US/Canada Eastern". The "Notes" section is empty. At the bottom of the form are buttons for "Help", "Cancel", "Previous", "Next", and "Finish". The right sidebar remains the same as in the previous screenshot, showing "Server Status..." with a "Failed" status.

- THE USERS

