

Installing Collabora CODE On CentOS 7.2 - Deprecated



Supported Distros

- These instructions are for older version of CODE (v1.8.x). These are not applicable for 2.0.x

1. Install docker container from Linux repository packages.

```
yum update
tee /etc/yum.repos.d/docker.repo <<-'EOF'
[dockerrepo]
name=Docker Repository
baseurl=https://yum.dockerproject.org/repo/main/centos/7/
enabled=1
gpgcheck=1
gpgkey=https://yum.dockerproject.org/gpg
EOF
yum install docker-engine
```

2. Install and configure apache

```
yum install httpd
yum install mod_ssl
```

3. Create a file /etc/httpd/conf.d/forward-proxy.conf with following lines:

```
# Container uses a unique non-signed certificate
SSLProxyEngine On
SSLProxyVerify None
SSLProxyCheckPeerCN Off
SSLProxyCheckPeerName Off

# Encoded slashes need to be allowed
AllowEncodedSlashes On

# keep the host
ProxyPreserveHost On

# static html, js, images, etc. served from loolwsd
# loleaflet is the client part of LibreOffice Online
ProxyPass          /loleaflet https://127.0.0.1:9980/loleaflet retry=0
ProxyPassReverse   /loleaflet https://127.0.0.1:9980/loleaflet

# WOPI discovery URL
ProxyPass          /hosting/discovery https://127.0.0.1:9980/hosting/discovery retry=0
ProxyPassReverse   /hosting/discovery https://127.0.0.1:9980/hosting/discovery

# Main websocket
ProxyPass          /lool/ws          wss://127.0.0.1:9980/lool/ws

# Admin Console websocket
ProxyPass          /lool/adminws     wss://127.0.0.1:9980/lool/adminws

# Download as, Fullscreen presentation and Image upload operations
ProxyPass          /lool             https://127.0.0.1:9980/lool
ProxyPassReverse   /lool             https://127.0.0.1:9980/lool
```

4. Start apache and docker engine.

```
service httpd start
service docker start
```

5. Pull Collabora CODE docker image.

```
docker pull collabora/code
```

6. To run the image in a docker container.

```
docker run -t -d -p 127.0.0.1:9980:9980 --restart always --cap-add MKNOD collabora/code #this will work  
only if the WOPI host and WOPI client on the same network  
docker run -t -d -p 127.0.0.1:9980:9980 -e "domain=fcserv1\codelathe.com" --restart always --cap-add  
MKNOD collabora/code #this will work for cases where WOPI host and WOPI client are on different network.  
fcserv1.codelathe.com is WOPI host (filecloud server)
```