

Matt-Cloud Drive

Here are the updated configurations for the LDAP/OIDC sync. What that means is that, if you can configure this properly, it will auto login with the [authelia SSO](#) you already have set up. This has been anonymized and not proofread terribly well, so if you are gonna try to replicate this, make sure you pretend like this was written by ChatGPT and verify everything.

Another few notes, specifically about onlyoffice integration. It seems like it needs to be blown up when it's restarted. Make new dirs and destroy the container and restart it. Seemed to work when saving stopped working when consolidating this shite.

Additional notes about domains. The seafile domain should be **drive.domain.com**, and will need 80 & 443 pointed at the real IP on the host, in this example 192.168.1.10. The onlyoffice instance DNS is **office.domain.com** and should be pointed at the IP and port in this example 10.20.1.1:81. The IPs can be changed as needed. Please note that in my setup I have a proxy managing most of the domain.com in this example, and this is what handles the SSL certs for **office.domain.com**. Since I have multiple public static IPs, I can have my firewall point one IP to **drive** and another IP to **office**. If you only have a single external IP, you can disable the SSL in seafile and probably rig it all through a single proxy.

seahub_settings.py

```
# -*- coding: utf-8 -*-
SECRET_KEY = "deadbeefsecretlolz"
SERVICE_URL = "http://drive.domain.com"

DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.mysql',
        'NAME': 'seahub_db',
        'USER': 'seafile',
        'PASSWORD': 'deadbeefsecretlolz',
        'HOST': '10.20.1.1',
        'PORT': '3306',
        'OPTIONS': {'charset': 'utf8mb4'},
    }
}
```

```
CACHES = {
    'default': {
        'BACKEND': 'django_pylibmc.memcached.PyLibMCCache',
        'LOCATION': 'memcached:11211',
    },
    'locmem': {
        'BACKEND': 'django.core.cache.backends.locmem.LocMemCache',
    },
}
COMPRESS_CACHE_BACKEND = 'locmem'

TIME_ZONE = 'America/Los_Angeles'
FILE_SERVER_ROOT = 'https://drive.domain.com/seafhttp'

ENABLE_LDAP = True
LDAP_SERVER_URL = 'ldap://192.168.1.15'
LDAP_BASE_DN = 'OU=Users,DC=domain,DC=local'
LDAP_ADMIN_DN = 'docker-ldap@domain.local'
LDAP_ADMIN_PASSWORD = 'deadbeefsecretlolz'
LDAP_PROVIDER = 'ldap'
LDAP_LOGIN_ATTR = 'sAMAccountName'
LDAP_USER_FIRST_NAME_ATTR = 'givenName'
LDAP_USER_LAST_NAME_ATTR = 'sn'
LDAP_USER_NAME_REVERSE = False
SSO_LDAP_USE_SAME_UID = True
LDAP_FILTER = 'memberOf=CN=Seafile,OU=AD-Groups,OU=Users,DC=domain,DC=local'

ENABLE_OAUTH = True
OAUTH_ENABLE_INSECURE_TRANSPORT = False
OAUTH_CLIENT_ID = "matt-drive-oidc"
OAUTH_CLIENT_SECRET = "deadbeefsecretlolz"
OAUTH_REDIRECT_URL = 'https://drive.domain.com/oauth/callback/'
OAUTH_PROVIDER_DOMAIN = 'auth.domain.com'
OAUTH_AUTHORIZATION_URL = 'https://auth.domain.com/api/oidc/authorization'
OAUTH_TOKEN_URL = 'https://auth.domain.com/api/oidc/token'
OAUTH_USER_INFO_URL = 'https://auth.domain.com/api/oidc/userinfo'
OAUTH_SCOPE = [
```

```

"openid",
"profile",
"email",
]
OAUTH_ATTRIBUTE_MAP = {
    "preferred_username": (True, "uid") ,
    "preferred_username": (True, "email"),
    "name": (False, "name"),
}

ENABLE_SEADOC = True
SEADOC_PRIVATE_KEY = 'deadbeefsecretlolz' # sdoc-server private_key
SEADOC_SERVER_URL = 'https://drive.domain.com/sdoc-server' # sdoc-server service url
# When SeaDoc and Seafile/Seafile docker are deployed on the same host, SEADOC_SERVER_URL should be
'https://seafile.example.com/sdoc-server'
FILE_CONVERTER_SERVER_URL = 'http://192.168.1.10:8888' # converter-server url
# When SeaDoc and Seafile are deployed on the same host, FILE_CONVERTER_SERVER_URL should be LAN
address 'http://127.0.0.1:8888'
# When SeaDoc and Seafile docker are deployed on the same host, FILE_CONVERTER_SERVER_URL should
be http://sdoc-server:8888
# M@O8VWUj81YvmtWLHGB2I_V7di5-@0p(MF*GrE!slws23F

ENABLE_ONLYOFFICE = True
ONLYOFFICE_APIJS_URL = 'https://office.domain.com/web-apps/apps/api/documents/api.js'
ONLYOFFICE_FILE_EXTENSION = ('doc', 'docx', 'ppt', 'pptx', 'xls', 'xlsx', 'odt', 'fodt', 'odp', 'fodp', 'ods', 'fods',
'csv', 'ppsx', 'pps')
ONLYOFFICE_EDIT_FILE_EXTENSION = ('docx', 'pptx', 'xlsx')
ONLYOFFICE_JWT_SECRET = 'deadbeefsecretlolz'

```

docker-compose.yaml

```

services:

  seafile:
    image: seafileltd/seafile-mc:12.0-latest
    container_name: mc-drive-seafile
    restart: always
    ports:

```

- "192.168.1.10:80:80"
- "192.168.1.10:443:443"

volumes:

- # On my setup, the folder /media/seafiler
- # maps to an 8TB volume
- # as this is where the data lives
- /media/seafiler/data:/shared
- # These are for config files
- ./seahub_settings.py:/shared/seafiler/conf/seahub_settings.py
- ./seafiler.nginx.conf:/shared/nginx/conf/seafiler.nginx.conf

environment:

- DB_HOST=10.20.1.1
- DB_ROOT_PASSWORD=deadbeefsecretlol
- DB_PASSWORD=deadbeefsecretlol
- TIME_ZONE=America/Los_Angeles
- SEAFILER_SERVER_HOSTNAME=drive.domain.com
- SEAFILER_SERVER_PROTOCOL=https
- SEAFILER_SERVER_LETSENCRYPT=true
- SITE_ROOT=/
- JWT_PRIVATE_KEY=deadbeefsecretlol
- ENABLE_SEADOC=true
- SEADOC_SERVER_URL=https://drive.domain.com/sdoc-server

depends_on:

- db
- memcached

networks:

- net

seadoc:

image: seafiler/sdoc-server:1.0-latest

container_name: seadoc

volumes:

- /media/docker/seafiler/seadoc-data:/shared

environment:

- DB_HOST=10.20.1.1
- DB_PORT=3306
- DB_USER=root
- DB_PASSWORD=deadbeefsecretlol

- DB_NAME=seahub_db
- TIME_ZONE=America/Los_Angeles
- JWT_PRIVATE_KEY=deadbeefsecretlol
- SEAHUB_SERVICE_URL=https://drive.domain.com
- SDOC_SERVER_LETSENCRYPT=true # Whether to use https or not.
- SDOC_SERVER_HOSTNAME=drive.domain.com # Specifies your host name if https is enabled.

ports:

- 192.168.1.20:7070:7070
- 192.168.1.20:8888:8888

networks:

- net

db:

image: mariadb:10.11

restart: always

container_name: mc-drive-seafile-mysql

ports:

- "10.20.1.1:3306:3306"

environment:

- MYSQL_ROOT_PASSWORD=deadbeefsecretlol
- MYSQL_LOG_CONSOLE=true
- MARIADB_AUTO_UPGRADE=1

volumes:

- /media/docker/seafile/db:/var/lib/mysql

networks:

- net

memcached:

image: memcached:1.6.29

restart: always

container_name: mc-drive-seafile-memcached

entrypoint: memcached -m 256

networks:

- net

onlyoffice:

image: onlyoffice/documentserver

container_name: office.domain.com

environment:

- JWT_SECRET=deadbeefsecretlol

- JWT_ENABLED=true

restart: always

networks:

- net

volumes:

- log:/var/log/onlyoffice

- etc-oo:/etc/onlyoffice

- www:/var/www/onlyoffice/Data

- var-oo:/var/lib/onlyoffice

- var-db:/var/lib/postgresql

ports:

- "10.20.1.1:81:80"

volumes:

log:

driver: local

driver_opts:

type: none

device: /media/docker/seafiler/onlyoffice/log

o: bind

www:

driver: local

driver_opts:

type: none

device: /media/docker/seafiler/onlyoffice/www

o: bind

etc-oo:

driver: local

driver_opts:

type: none

device: /media/docker/seafiler/onlyoffice/etc-oo

o: bind

var-oo:

driver: local

driver_opts:

```
type: none
device: /media/docker/seafiler/onlyoffice/var-oo
o: bind
var-db:
driver: local
driver_opts:
type: none
device: /media/docker/seafiler/onlyoffice/var-db
o: bind
```

networks:

net:

driver: bridge

ipam:

driver: default

config:

-

subnet: 10.20.1.0/24

Revision #5

Created 29 November 2024 19:38:15 by Matt Anderson

Updated 11 July 2025 05:13:42 by Matt Anderson