

# Update

## Automatic Update

There is an update script in your `/opt/openemail` directory will take care of updates.

But use it with caution! If you think you made a lot of changes to the Openemail code, you should use the manual update guide below.

Run the update script:

```
sudo su -  
cd /opt/openemail  
./update.sh
```

- If it needs to, it will ask you how you wish to proceed. - Merge errors will be reported. - Some minor conflicts will be auto-corrected

## Update Options

### Check for updates

```
./update.sh --check
```

### Update with merge strategy `ours` instead of `theirs`

This will merge in favor for your local changes.

```
./update.sh --ours
```

## Manual Update

### Step 1

You may want to backup your certificates, as an upgrade from an older **Openemail** version may remove these files:

```
cp -rp data/assets/ssl /tmp/ssl_backup_openemail
```

Fetch new data from GitHub, commit changes and merge remote repository:

### 1. Get updates/changes

```
git fetch origin master
```

### 2. Add all changed files to local clone

```
git add -A
```

### 3. Commit changes, ignore git complaining about username and mail address

```
git commit -m "Local config at $(date)"
```

### 4. Merge changes, prefer Openemail repository, replace "theirs" by "ours" to change merge strategy

```
git merge -Xtheirs -Xpatience
```

### 5. If it conflicts with files that were deleted from the Openemail repository, just run...

```
git status --porcelain | grep -E "UD|DU" | awk '{print $2}' | xargs rm -v
```

### 6. Repeat step 2 and 3

### 7. Check data/assets/ssl for your certificates (and dhparams.pem). If you miss them, recover your files:

```
cp -rp /tmp/ssl_backup_openemail/* data/assets/ssl/
```

## Step 2

### Clean-up dangling (unused) images and volumes:

It is **very important** to *not* run these commands when your containers are deleted. Running `docker-compose down` - for example - will delete your containers. Your volumes are now in a dangling state! Running the commands shown below, *will* remove your volumes and therefore your data.

```
docker rmi -f $(docker images -f "dangling=true" -q)
docker volume rm $(docker volume ls -qf dangling=true)
```

## Footnotes

At the moment there is no release cycle regarding updates.