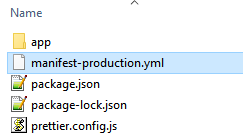
# **Low Erosivity Waiver (LEW) v1.1.1 Deployment Instructions**

## Deployment prerequisites

* Cloud.gov access and specifically ***epa-surface-water*** organization (i.e. OWTBX) deployment permissions.
* Cloud Foundry Command Line Interface (cf [CLI](https://docs.cloudfoundry.org/cf-cli/install-go-cli.html))
* A web browser with internet access

## Deployment steps

1. Download the latest LEW release from <http://projects.erg.com/water/cooper/OWTBX/LEW/lew-v1.1.1.zip>
2. Unzip the LEW release file.
3. Using the command line, navigate to the unzipped LEW location. The contents of the folder should look like



1. Use the cf CLI to log in to Cloud.gov and to the ***epa-surface-water*** organization (i.e. OWTBX) and to the ***owtbx-prod*** space.
   * + - cf login -a api.fr.cloud.gov --sso
       - cf target -o epa-surface-water -s owtbx-prod
2. Deploy the application to Cloud.gov using the CLI
   * + - cf push lew-prod -f manifest-production.yml -p .
3. Reconnect the route to the LEW subdomain
   * + - cf map-route lew-prod lew.epa.gov
4. Using a web browser, verify the application is available via the standard route
   * + - <https://lew.epa.gov>
5. Notify the customer and technical support contractor the application is ready for testing.