

## Resources:

1. VMs
  - a. Stage:
    - i. Upscpro-be-stage – Backend
    - ii. Upscpro-cms-stage-env – Content management system
  - b. Production:
    - i. Upscpro-be-prod – Backend
    - ii. Upscpro-cms-prod-env – Content management system
2. S3 buckets:
  - a. Production
    - i. account.upscpro.laex.in  
----- It is used to store the static website files for upsc.pro prelims mobile app's account management app.
    - ii. account2.upscpro.laex.in  
----- It is used to store the static website files for new account management app for staff and students.
    - iii. admin.upscpro.laex.in  
----- It is used to store the static website files for prelims admin app (old admin app)
    - iv. admin2.upscpro.laex.in  
----- It is used to store the static website files for new admin app.
    - v. content.upscpro.laex.in  
----- It is used to store the static website files for content management app.
    - vi. dashboard.upscpro.laex.in  
----- It is used to store the static website files for dashboard app.
    - vii. teaching.upscpro.laex.in  
----- It is used to store the static website files for faculty app.
    - viii. frontend.upscpro.laex.in  
----- It is used to store the static website files for front desk app.
    - ix. evaluation.upscpro.laex.in  
----- It is used to store the static website files for mains evaluation app.
    - x. student.upscpro.laex.in  
----- It is used to store the static website files for student app.

- xi. walkin.upscpro.laex.in  
----- It is used to store the static website files for walkin app.
- xii. walkin-quick.upscpro.laex.in  
----- It is used to store the static website files for quick walkin app.

b. Stage

- i. Similar to production, we have stage S3 buckets with names starting with "stage-".

### 3. AWS Cloudfront:

a. Production

- i. account.upscpro.laex.in  
----- It is used as cdn for upsc.pro prelims mobile app's account management app.
- ii. account2.upscpro.laex.in  
----- It is used as cdn for new account management app for staff and students.
- iii. admin.upscpro.laex.in  
----- It is used as cdn for prelims admin app.
- iv. admin2.upscpro.laex.in  
----- It is used as cdn for new admin app.
- v. content.upscpro.laex.in  
----- It is used as cdn for content management app.
- vi. dashboard.upscpro.laex.in  
----- It is used as cdn for dashboard app.
- vii. teaching.upscpro.laex.in  
----- It is used as cdn for faculty app.
- viii. frontend.upscpro.laex.in  
----- It is used as cdn for front desk app.
- ix. evaluation.upscpro.laex.in  
----- It is used as cdn for mains evaluation app.
- x. student.upscpro.laex.in  
----- It is used as cdn for student app.
- xi. walkin.upscpro.laex.in  
----- It is used as cdn for walkin app.
- xii. walkin-quick.upscpro.laex.in  
----- It is used as cdn for quick walkin app.

b. Stage

- i. Similar to production, we have stage cloudfront with names starting with "stage-".

#### 4. Deployment steps

##### a. Requirements:

- i. Install latest version of Node.js

##### b. Stage deployment

- i. Check out to stage-master from git
- ii. In Terminal or cmd prompt go to root of the app to be deployed
- iii. Open config file from /packages/common/config/index.ts and un-comment the lines under stage and comment the rest.
- iv. Run "npm run dev-deploy" for stage deployment
- v. dev-deploy is alias for script under package.json file for app.
- vi. This script compiles and creates dist folder which is then uploaded to the s3 bucket specified in the script.
- vii. Go to AWS cloudfronts and open the associated cloudfront (listed under alternate domain) for the s3 bucket.
- viii. select on 'Invalidation', and then select the radio button, the one which is at the top, and select create 'invalidations'. Then, put '/' on Object paths, and click on 'create invalidate'.

##### c. Production deployment

- i. Check out to master from git
- ii. In Terminal or cmd prompt go to root of the app to be deployed
- iii. Open config file from /packages/common/config/index.ts and un-comment the lines under prod and comment the rest.
- iv. Run "npm run prod-deploy" for stage deployment
- v. prod-deploy is alias for script under package.json file for app.
- vi. This script compiles and creates dist folder which is then uploaded to the s3 bucket specified in the script.
- vii. Go to AWS cloudfronts and open the associated cloudfront (listed under alternate domain) for the s3 bucket.
- viii. select on 'Invalidation', and then select the radio button, the one which is at the top, and select create 'invalidations'. Then, put '/' on Object paths, and click on 'create invalidate'.