

Github repository link: <https://github.com/mileidymaria/Projeto-Udagram-ImgFilter-AWSEBS>


Environment after deployment

The new Elastic Beanstalk console experience is now available
We've redesigned the Elastic Beanstalk console to make it easier to use. [Try the new console](#)


Elastic Beanstalk > Environments > img-filter-eb-env

img-filter-eb-env
[img-filter-eb-env-us-east-1.elasticbeanstalk.com](#) (e-5pmakgyzkt)
Application name: **img-filter-eb-env**

[Refresh](#) [Actions](#)

Health

Ok
[Causes](#)

Running version
app-07da-
230122_125858612900
[Upload and deploy](#)

Platform

Node.js 14 running on 64bit
Amazon Linux 2/5.6.3
[Change](#)

Recent events [Show all](#)

Time	Type	Details
2023-01-22 12:59:24 UTC-0300	INFO	Environment update completed successfully.
2023-01-22 12:59:24 UTC-0300	INFO	New application version was deployed to running EC2 instances.
2023-01-22 12:59:19 UTC-0300	INFO	Instance deployment completed successfully.
2023-01-22 12:59:09 UTC-0300	INFO	Instance deployment: You didn't specify a Node.js version in the 'package.json' file in your source bundle. The deployment didn't install a specific Node.js version.
2023-01-22 12:59:05 UTC-0300	INFO	Deploying new version to instance(s).

- Create an eb aws profile
- Init a new application with “eb init”

```
mileidy@ideapad-mileidy:~/Downloads/cloud-developer-master/course-02/project/image-filter-starter-code$ eb init
Select a default region
1) us-east-1 : US East (N. Virginia)
2) us-west-1 : US West (N. California)
3) us-west-2 : US West (Oregon)
4) eu-west-1 : EU (Ireland)
5) eu-central-1 : EU (Frankfurt)
6) ap-south-1 : Asia Pacific (Mumbai)
7) ap-southeast-1 : Asia Pacific (Singapore)
8) ap-southeast-2 : Asia Pacific (Sydney)
9) ap-northeast-1 : Asia Pacific (Tokyo)
10) ap-northeast-2 : Asia Pacific (Seoul)
11) sa-east-1 : South America (Sao Paulo)
12) cn-north-1 : China (Beijing)
13) cn-northwest-1 : China (Ningxia)
14) us-east-2 : US East (Ohio)
15) ca-central-1 : Canada (Central)
16) eu-west-2 : EU (London)
17) eu-west-3 : EU (Paris)
18) eu-north-1 : EU (Stockholm)
19) eu-south-1 : EU (Milano)
20) ap-east-1 : Asia Pacific (Hong Kong)
21) me-south-1 : Middle East (Bahrain)
22) af-south-1 : Africa (Cape Town)
(default is 3): 1

Select an application to use
1) image-filter-starter-code
2) [ Create new Application ]
(default is 1): 2

Enter Application Name
(default is "image-filter-starter-code2"): img-filter-eb-env
Application img-filter-eb-env has been created.

It appears you are using Node.js. Is this correct?
(Y/n): Y
Select a platform branch.
1) Node.js 16 running on 64bit Amazon Linux 2
2) Node.js 14 running on 64bit Amazon Linux 2
(default is 1): 2

Do you wish to continue with CodeCommit? (Y/n): n
Do you want to set up SSH for your instances?
(Y/n): Y

Select a keypair.
1) vockey
2) [ Create new KeyPair ]
(default is 1): 1
```

- Added the deploy artifact to .elasticbeanstalk/config.yml

```
elasticbeanstalk > ! config.yml
1  branch-defaults:
2    master:
3      environment: img-filter-ebs-env
4      group_suffix: null
5  deploy:
6    artifact: ./www/Archive.zip
7  global:
8    application name: img-filter-ebs
9    branch: nulls
10   default_ec2_keyname: vockey
11   default_platform: Node.js 14 running on 64bit Amazon Linux 2
12   default_region: us-east-1
13   include_git_submodules: true
14   instance_profile: null
15   platform_name: null
16   platform_version: null
17   profile: eb-cli
18   repository: null
19   sc: git
20   workspace_type: Application
21
```

- Eb create a new env

```
mleidy@ideapad-mileidy:~/Downloads/cloud-developer-master/course-02/project/image-filter-starter-code$ eb create
Enter Environment Name
(default is img-filter-ebs-dev): img-filter-ebs-env
Enter DNS CNAME prefix
(default is img-filter-ebs-env):

Select a load balancer type
1) classic
2) application
3) network
(default is 2): 2

Would you like to enable Spot Fleet requests for this environment? (y/N): N
Uploading img-filter-ebs/app-07da-230122_125418722217.zip to S3. This may take a while.
Upload Complete.
Environment details for: img-filter-ebs-env
  Application name: img-filter-ebs
  Region: us-east-1
  Deployed Version: app-07da-230122_125418722217
  Environment ID: e-5pmakgyzkt
  Platform: arn:aws:elasticbeanstalk:us-east-1:platform/Node.js 14 running on 64bit Amazon Linux 2/5.6.3
  Tier: WebServer-Standard-1.0
  CNAME: img-filter-ebs-env.us-east-1.elasticbeanstalk.com
  Updated: 2023-01-22 15:54:35.055000+09:00
Printing Status:
2023-01-22 15:54:33 INFO createEnvironment is starting.
2023-01-22 15:54:35 INFO Using elasticbeanstalk-us-east-1-737418620655 as Amazon S3 storage bucket for environment data.
2023-01-22 15:54:56 INFO Created target group named: arn:aws:elasticloadbalancing:us-east-1:737418620655:targetgroup/awseb-PIV6JGUXM0Q/e5d2426547220f21
2023-01-22 15:54:56 INFO Created security group named: sg-0178d8939adf3d93b
2023-01-22 15:55:11 INFO Created security group named: awseb-e-5pmakgyzkt-stack-AWSEBSecurityGroup-1WFXTEJCRU48
2023-01-22 15:55:11 INFO Created Auto Scaling launch configuration named: awseb-e-5pmakgyzkt-stack-AWSEBAutoScalingLaunchConfiguration-9ZHFwJ3XQzI
2023-01-22 15:56:44 INFO Created Auto Scaling group named: awseb-e-5pmakgyzkt-stack-AWSEBAutoScalingGroup-80XIG7YVU8R2
2023-01-22 15:56:44 INFO Waiting for EC2 instances to launch. This may take a few minutes.
2023-01-22 15:56:44 INFO Created Auto Scaling group policy named: arn:aws:autoscaling:us-east-1:737418620655:scalingPolicy:e82fd64e-b3f3-4bb7-8997-3d2b89d6a3ac:autoScalingGroupName/awseb-e-5pmakgyzkt-stack-AWSEBAutoScalingGroup-80XIG7YVU8R2:policyName/awseb-e-5pmakgyzkt-stack-AWSEBAutoScalingScaleUpPolicy-mAYUaDfKgbk
2023-01-22 15:56:44 INFO Created Auto Scaling group policy named: arn:aws:autoscaling:us-east-1:737418620655:scalingPolicy:ce08c6f1-2693-449c-95f6-7a7a5a116e97:autoScalingGroupName/awseb-e-5pmakgyzkt-stack-AWSEBAutoScalingGroup-80XIG7YVU8R2:policyName/awseb-e-5pmakgyzkt-stack-AWSEBAutoScalingScaleDownPolicy-1MysJMedyD
2023-01-22 15:56:44 INFO Created CloudWatch alarm named: awseb-e-5pmakgyzkt-stack-AWSEBCloudwatchAlarmHigh-RIE973B6A1LD
2023-01-22 15:56:45 INFO Created CloudWatch alarm named: awseb-e-5pmakgyzkt-stack-AWSEBCloudwatchAlarmLow-TLUCX53B8CW8
2023-01-22 15:57:02 INFO Created Load balancer named: arn:aws:elasticloadbalancing:us-east-1:737418620655:loadbalancer/app/awseb-AWSEB-SFY6WAKJY9S8G/71a1bbec299170d1
2023-01-22 15:57:17 INFO Created Load Balancer listener named: arn:aws:elasticloadbalancing:us-east-1:737418620655:listener/app/awseb-AWSEB-SFY6WAKJY9S8G/71a1bbec299170d1/0965eef7ba66395a
2023-01-22 15:57:21 INFO Instance deployment: You didn't specify a Node.js version in the 'package.json' file in your source bundle. The deployment didn't install a specific Node.js version.
2023-01-22 15:57:36 INFO Instance deployment completed successfully.
2023-01-22 15:58:08 INFO Application available at img-filter-ebs-env.us-east-1.elasticbeanstalk.com.
2023-01-22 15:58:08 INFO Successfully launched environment: img-filter-ebs-env
```

- Eb deploy

```
mleidy@ideapad-mileidy:~/Downloads/cloud-developer-master/course-02/project/image-filter-starter-code$ eb deploy
Uploading img-filter-ebs/app-07da-230122_125858612900.zip to S3. This may take a while.
Upload Complete.
2023-01-22 15:59:01 INFO Environment update is starting.
2023-01-22 15:59:05 INFO Deploying new version to instance(s).
2023-01-22 15:59:09 INFO Instance deployment: You didn't specify a Node.js version in the 'package.json' file in your source bundle. The deployment didn't install a specific Node.js version.
2023-01-22 15:59:19 INFO Instance deployment completed successfully.
2023-01-22 15:59:24 INFO New application version was deployed to running EC2 instances.
2023-01-22 15:59:24 INFO Environment update completed successfully.
```

- BASE URL -> <http://img-filter-ebs-env.us-east-1.elasticbeanstalk.com/>

- Cases examples:

- No image url ->

http://img-filter-ebs-env.us-east-1.elasticbeanstalk.com/filteredimage?image_url=

- Img not found url ->

http://img-filter-ebs-env.us-east-1.elasticbeanstalk.com/filteredimage?image_url=https://timedotcom.files.wordpress.com/2019/03/kitten-rert.jpg

- Valid img ->

http://img-filter-ebs-env.us-east-1.elasticbeanstalk.com/filteredimage?image_url=https://assets.pokemon.com/assets/cms2/img/misc/countries/pt/country_detail_pokemon.png