Run the project: unzip folder ->

Cd Compute_Dashboard_haim_saban_308000371

run java -jar target\Dashboard.jar

Api-ip: http://127.0.0.1:8080

functions:

craete new user

Post

http://127.0.0.1:8080/new_user {name=?}

success response

response->"aws-key": "aaaa-bbbb-cccc-dddd"

error response

response -> invalid name -> enter name and value in body request.

Note: "aws-key" is unique for users.

Have to send it on header for manage user instance

add instance

Post

http://127.0.0.1:8080/new_instance

header -> aws-key : "aaaa-bbbb-cccc-dddd"

body->

active 0 or 1

az-> {az_id} range 16-63

type-> {type_id} range 64-99

state->{state_id} range 100-105

name -> no empty

private_ip - > range of private Ip

public_ip -> range of public Ip

type_id,az_id,name_id details on info function

response -> invalid aws-key ---not found user

response -> invalid name -> enter name and value in body request.

response -> name is exist

response -> active -> not 0,1

response -> az -> not in range

response -> state -> not in range

response -> type -> not in range

response -> private_ip -> not ip or private ip.

response -> public_ip -> not ip or public ip.

success response

ec2_instance

update instance

Post

http://127.0.0.1:8080/instance/{instance_name}

header -> aws-key : "aaaa-bbbb-cccc-dddd"

body->

    same as **add instance**

Notes: same name of instance in same user is invalid

error response

    same as **add instance**

    http://127.0.0.1:8080/instance/{?} -> {?} not found in this user

success response

    same as add instance

active instances

Get

http://127.0.0.1:8080/active_instance

http://127.0.0.1:8080/active_instance/page/{page_id}

page_id : 0-Nan

header -> aws-key : "aaaa-bbbb-cccc-dddd"

get variables => sort_by{sort_attribute}, sort_order={desc/asc}

error response

    response -> invalid aws-key ---not found user

    response -> sort_by=? = No property ? found

success response

    list of ec2_instances

get by region

Get

http://127.0.0.1:8080/region/{region_id}
http://127.0.0.1:8080/region/{region_id}/page/{page_id}

page_id = 0-Nan

region_id= 4-15

header -> aws-key : "aaaa-bbbb-cccc-dddd"

get variables => sort_by{sort_attribute}, sort_order={desc/asc}

error response

      response -> invalid aws-key ---not found user

      response -> sort_by=? = No property ? found

      response -> region _id-> not in range

success response

      list of ec2_instances

notes:sort_attribute -> az,state,type,az,privateIp,publicIp,active

info function

{type_id} -> http://127.0.0.1:8080/type

{az_id} ->http://127.0.0.1:8080/az

{state_id} ->http://127.0.0.1:8080/state

{region_id} -> http://127.0.0.1:8080/region

admin function

get all users http://127.0.0.1:8080/users

get all users instances http://127.0.0.1:8080/users/instances

header aws-key-> aaaa-bbbb-cccc-dddd