

Universidad Tecmilenio

Campus Cumbres

Actividad 2

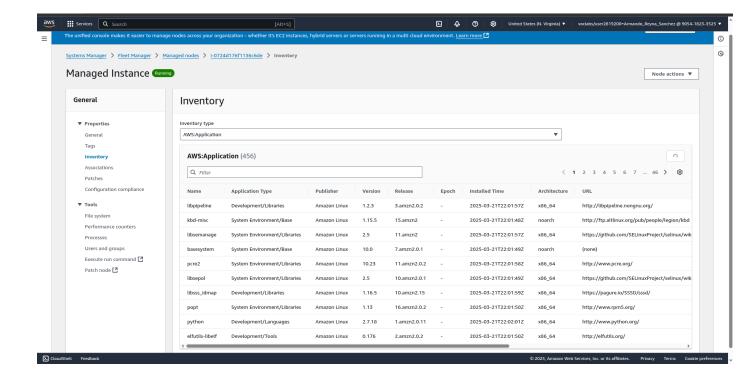
Fundamentos de DevOps

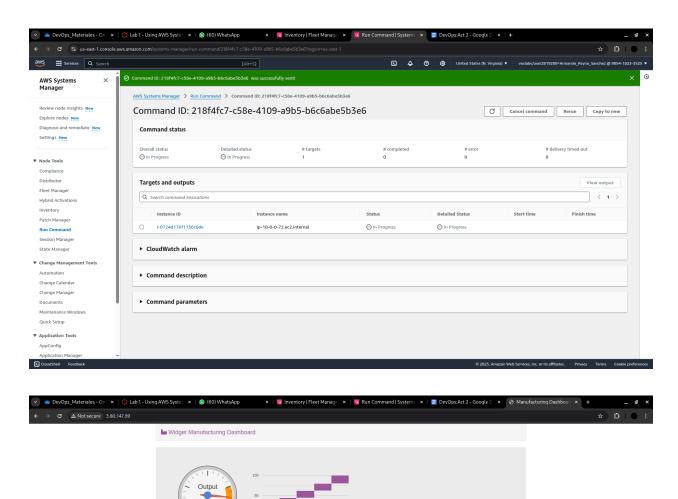
Cuarto Semestre

Armando Reyna Sanchez 07001261 Diego Alejandro Barrientos Bautista 03096819

Monterrey, Nuevo León. 01/04/2025

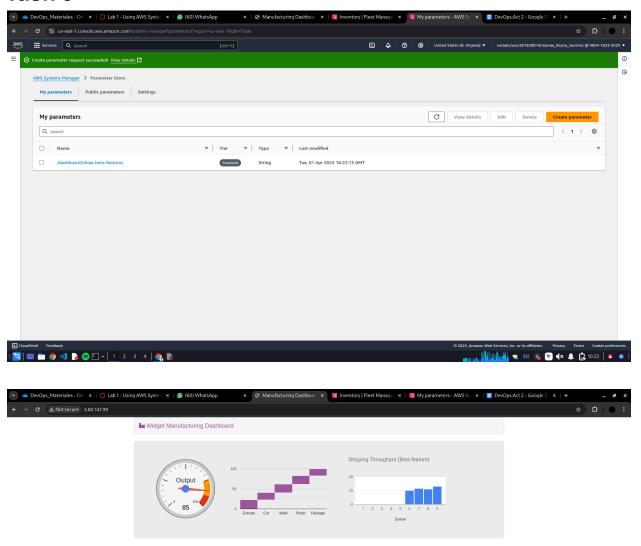
LABORATORIO 1





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Ga=T,f=100,t=f,c=20,r=10
                                           areyna@kalijb25maWcvZmFzdGZldGNoL2RlYmlhbi5wbmc=
                               ≥ 3 zsh 5.9
                               \rightarrow qterminal 2.1.0

⊕ → 2.41 GiB / 11.16 GiB

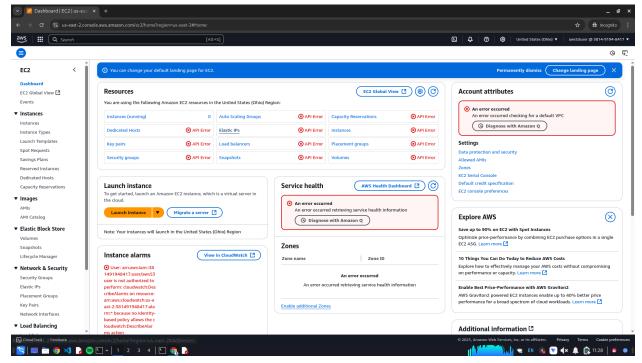
                               \circ \rightarrow 8 mins
                                   OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO<l
 Tue 1 Apr - 11:01 ___
 Mareyna cd Downloads
 Tue 1 Apr - 11:01 \ ~/Downloads
 Tue 1 Apr - 11:01 ~/Downloads
<code>______areyna</code> ssh -i <u>labsuser.pem</u> ec2-user@3.86.2.143
The authenticity of host '3.86.2.143 (3.86.2.143)' can't be established.
ED25519 key fingerprint is SHA256:dFdmjFkJ8860HBHttVn0vay6lW60/e4uKKRFN2Nuo7U.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '3.86.2.143' (ED25519) to the list of known hosts.
                           Amazon Linux 2
                           AL2 End of Life is 2026-06-30.
                           A newer version of Amazon Linux is available!
                           Amazon Linux 2023, GA and supported until 2028-03-15.
                              https://aws.amazon.com/linux/amazon-linux-2023/
[ec2-user@ip-10-200-0-70 ~]$
```

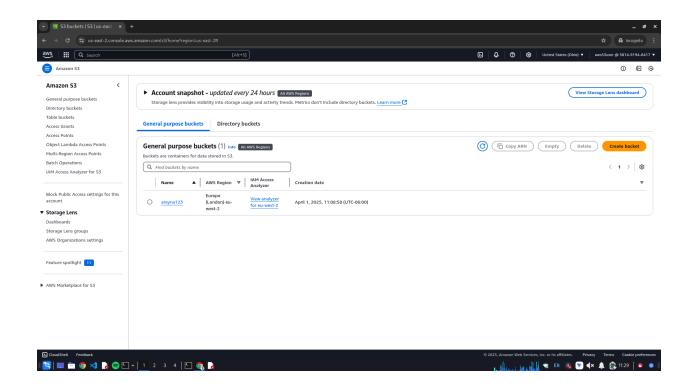
```
[ec2-user@ip-10-200-0-70 ~]$ aws configure
AWS Access Key ID [None]: AKIAVRUVRFOAZVB5PET4
AWS Secret Access Key [None]: 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
Default region name [None]: eu-west-2
Default output format [None]: json
[ec2-user@ip-10-200-0-70 ~]$ [
```

```
[ec2-user@ip-10-200-0-70 ~]$ aws s3api create-bucket --bucket areyna123 --region eu-west-2 --create-bucket-configur
ation LocationConstraint=eu-west-2
{
    "Location": "http://areyna123.s3.amazonaws.com/"
}
[ec2-user@ip-10-200-0-70 ~]$ []
```

Permissions defined in this policy document specify which actions are allowed or denied. To define permissions for an IAM identity (user, user group, or role), attach a policy to it

```
1 - {
         "Version": "2012-10-17",
 2
 3 →
         "Statement": [
 4 -
             {
 5
                 "Action": "s3:*",
                 "Resource": "*",
 6
 7
                  "Effect": "Allow"
 8
             },
 9 +
                  "Action": [
10 -
                      "s3:*ObjectLegalHold",
11
                      "s3:*ObjectRetention",
12
                      "s3:*Bucket0bjectLock*"
13
14
                  "Resource": "*",
15
                 "Effect": "Deny"
16
17
18
```





```
[ec2-user@ip-10-200-0-70 ~]$ cd ~/sysops-activity-files
[ec2-user@ip-10-200-0-70 sysops-activity-files]$ tar xvzf static-website.tar.gz
css/
css/styles.css
images/
images/Cake-Vitrine.png
images/Cookies.png
images/Cookies.png
images/Cup-of-Hot-Chocolate.png
images/Cup-of-Hot-Chocolate.png
images/Mom-&-Pop-Coffee-Shop.png
images/Strawberry-&-Blueberry-Tarts.png
images/Strawberry-Tarts.png
index.html
[ec2-user@ip-10-200-0-70 sysops-activity-files]$ ls
css images index.html static-website.tar.gz
[ec2-user@ip-10-200-0-70 sysops-activity-files]$ rm static-website.tar.gz
[ec2-user@ip-10-200-0-70 sysops-activity-files]$ ls
css images index.html
[ec2-user@ip-10-200-0-70 sysops-activity-files]$ ls
```

```
[ec2-user@ip-10-200-0-70 sysops-activity-files]$ aws s3api put-bucket-ownership-controls \ --bucket areyna123 \ --o wnership-controls "Rules=[{ObjectOwnership=BucketOwnerPreferred}]"
usage: aws [options] <command> <subcommand> [<subcommand> ...] [parameters]
To see help text, you can run:
  aws help
  aws <command> help
  aws <command> <subcommand> help
aws: error: the following arguments are required: --bucket, --ownership-controls
[ec2-user@ip-10-200-0-70 sysops-activity-files]$ aws s3api put-bucket-ownership-controls \
 > --ownership-controls "Rules=[{ObjectOwnership=BucketOwnerPreferred}]"
[ec2-user@ip-10-200-0-70 sysops-activity-files]$ aws s3api put-public-access-block \
 --bucket areyna123 \
 > --public-access-block-configuration
usage: aws [options] <command> <subcommand> [<subcommand> ...] [parameters]
To see help text, you can run:
  aws help
  aws <command> help
  aws <command> <subcommand> help
aws: error: argument --public-access-block-configuration: expected one argument
ess-block-configuration: command not found
[ec2-user@ip-10-200-0-70 sysops-activity-files]$ aws s3api put-public-access-block \
> --bucket areyna123 \
> --public-access-block-configuration "BlockPublicAcls=false,IgnorePublicAcls=false,BlockPublicPolicy=false,Restric
tPublicBuckets=false"
[ec2-user@ip-10-200-0-70 sysops-activity-files]$
```

```
lec2-user@lp-10-200-0-70 sysops-activity-files]$ aws s3 website s3://areyna123/ --index-document index.ntml
[ec2-user@ip-10-200-0-70 sysops-activity-files]$ aws s3 cp . s3://areyna123/ --recursive --acl public-read
upload: ./index.html to s3://areyna123/index.html
upload: css/styles.css to s3://areyna123/css/styles.css
upload: images/Mom-&-Pop-Coffee-Shop.png to s3://areyna123/images/Mom-&-Pop-Coffee-Shop.png
upload: images/Strawberry-&-Blueberry-Tarts.png to s3://areyna123/images/Strawberry-&-Blueberry-Tarts.png
upload: images/Cookies.png to s3://areyna123/images/Mom-&-Pop.png
upload: images/Mom-&-Pop.png to s3://areyna123/images/Mom-&-Pop.png
upload: images/Coffee-and-Pastries.png to s3://areyna123/images/Coffee-and-Pastries.png
upload: images/Cup-of-Hot-Chocolate.png to s3://areyna123/images/Cup-of-Hot-Chocolate.png
upload: images/Strawberry-Tarts.png to s3://areyna123/images/Strawberry-Tarts.png
upload: images/Cake-Vitrine.png to s3://areyna123/images/Cake-Vitrine.png
[ec2-user@ip-10-200-0-70 sysops-activity-files]$ aws s3 ls areyna123

PRE css/
PRE images/
2025-04-01 17:22:09 3020 index.html
[ec2-user@ip-10-200-0-70 sysops-activity-files]$
```

