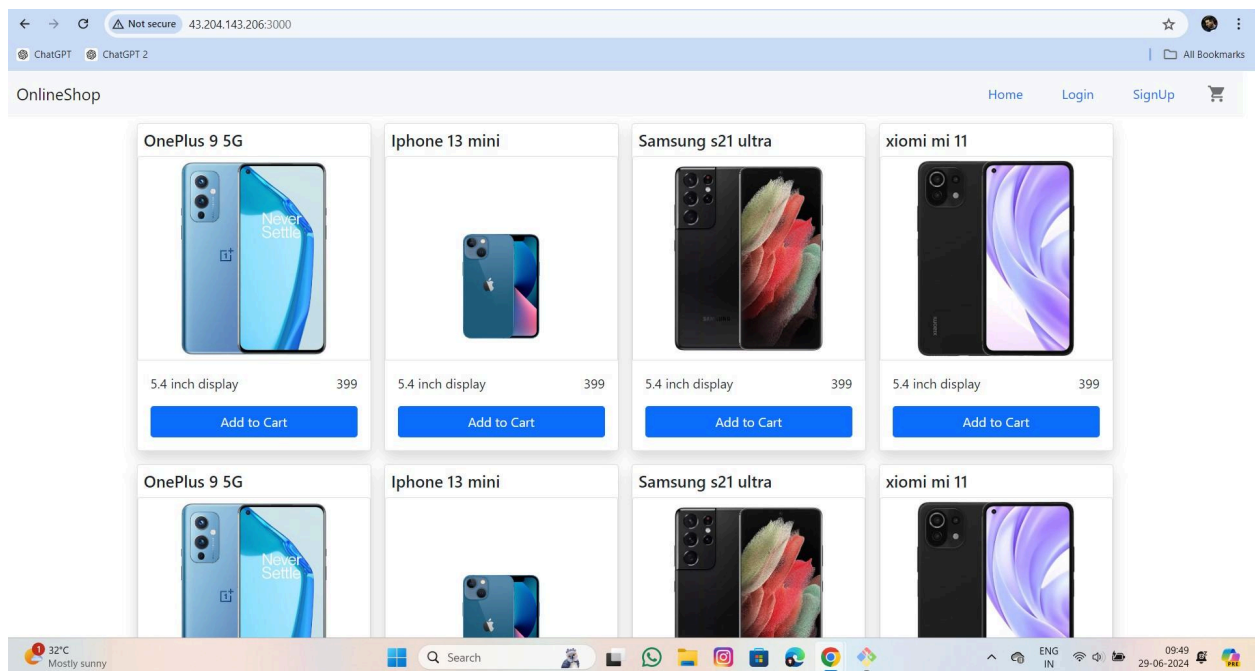


Capstone project

Github repo url:

<https://github.com/bharath11112001/captest.git>

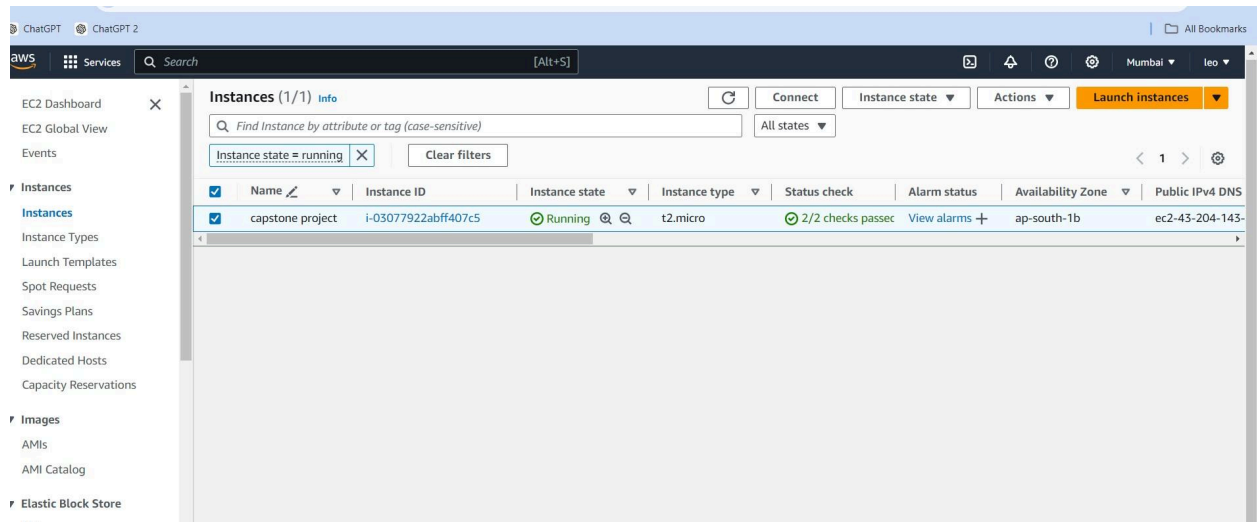
Deployed application site:



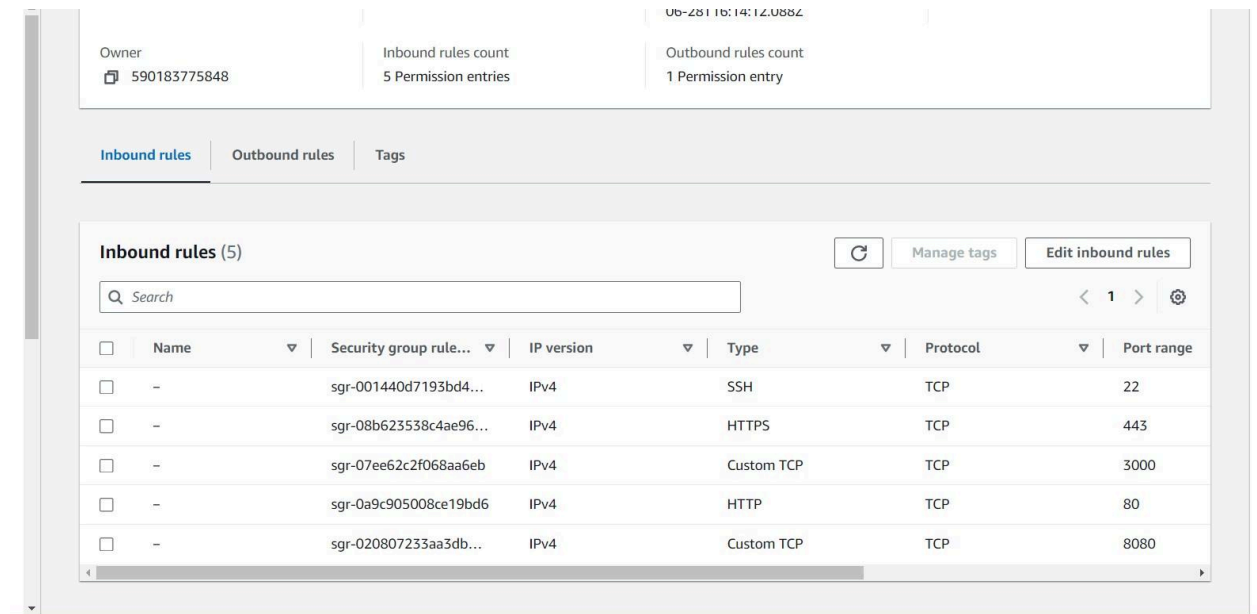
Docker images:

```
ubuntu@ip-172-31-9-234:~/project/projectcapstone$ docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
bharath883/prod     latest             52f68b3e26e5       2 minutes ago      48.4MB
mynginximg          latest             52f68b3e26e5       2 minutes ago      48.4MB
bharath883/dev      latest             efaf49cb3233       3 minutes ago      48.4MB
bharath883/dev      <none>             4f20cb9ca6ed       6 minutes ago      48.4MB
nginx               alpine             099a2d701db1       8 days ago         43.2MB
ubuntu@ip-172-31-9-234:~/project/projectcapstone$
```

Aws console:



Security groups:



Docker hub registry (private-prod & public dev)

bharath883 Search by repository name All Content Create repository

bharath883 / dev

Contains: Image • Last pushed: 5 minutes ago

☆ 0 ↓ 0 Public Scout inactive

bharath883 / prod

Contains: Image • Last pushed: 8 minutes ago

☆ 0 ↓ 0 Private Scout inactive

General Tags Builds Collaborators Webhooks Settings

bharath883/dev

Updated less than a minute ago

This repository does not have a description INCOMPLETE

This repository does not have a category INCOMPLETE

Docker commands

To push a new tag to this repository:

docker push bharath883/dev:tagname

Public View

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
latest		Image	---	a few seconds ago

See all

Automated Builds

Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.

Available with Pro, Team and Business subscriptions. [Read more about automated builds](#).

Upgrade

bharath883 / **Repositories** / prod / General Using 1 of 1 private repositories.

General Tags Builds Collaborators Webhooks Settings

bharath883/prod

Updated about 1 hour ago

This repository does not have a description

This repository does not have a category

Docker commands

To push a new tag to this repository:

docker push bharath883/prod:tagname

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
latest		Image	---	an hour ago

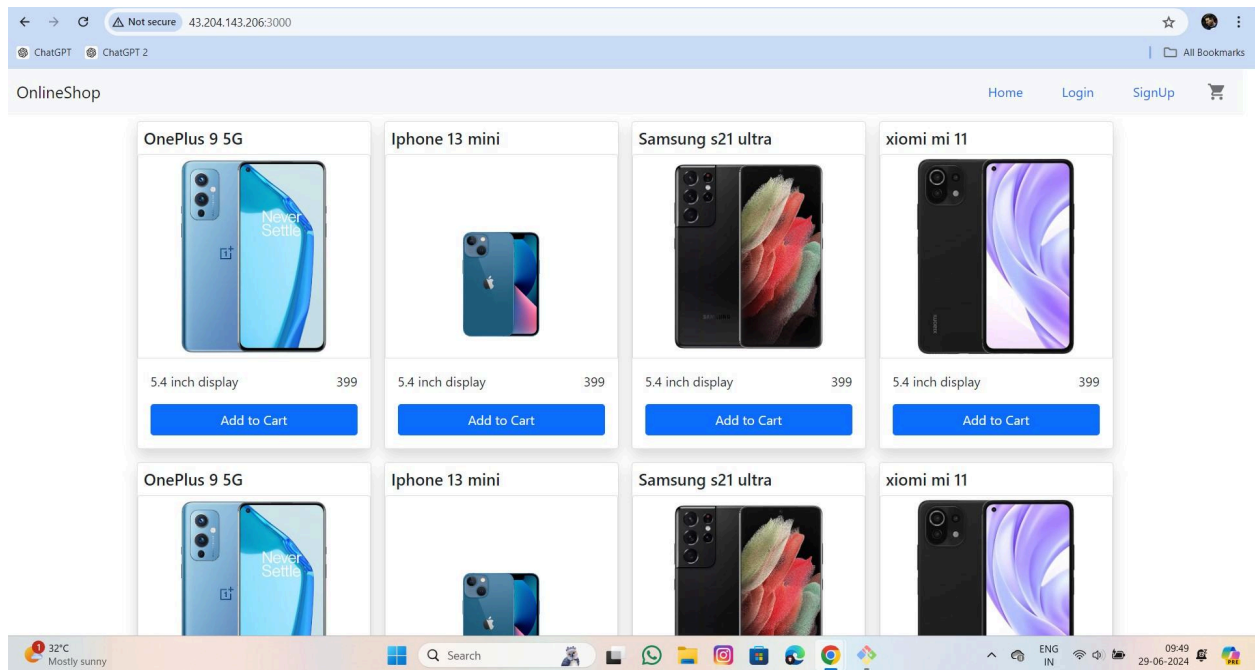
See all

Automated Builds

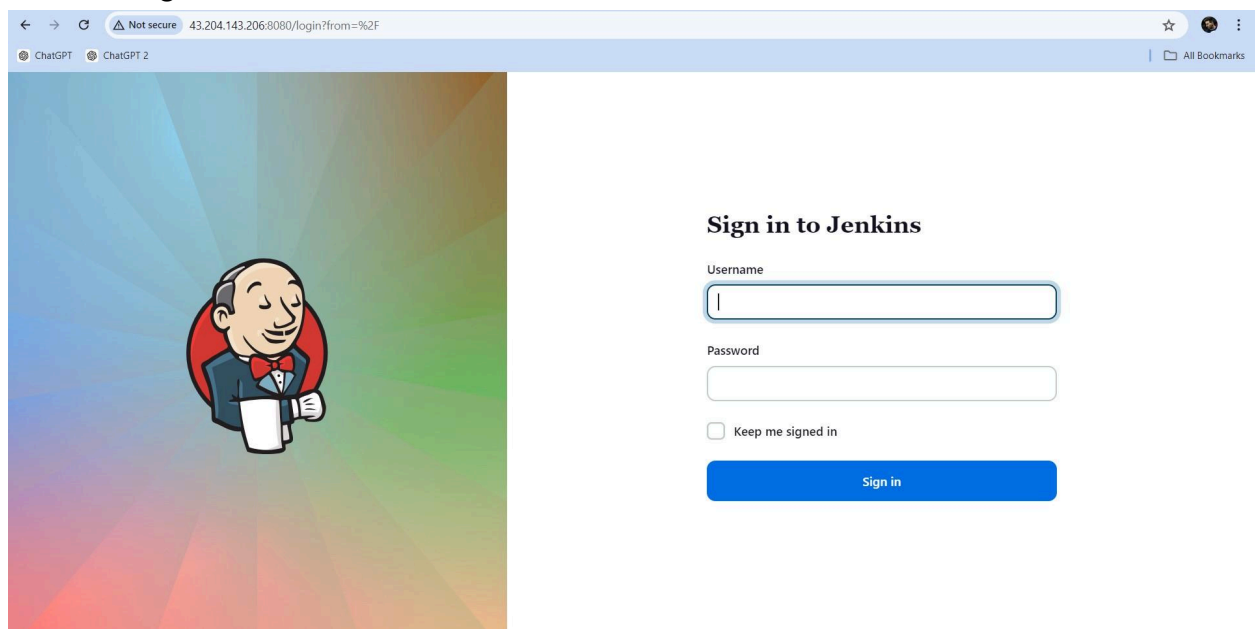
Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.

Available with Pro, Team and Business subscriptions. [Read more about automated builds](#).

Deployed site:



Jenkins login:



Jenkins configuration

Configure

- ⚙ General
- 🔑 Advanced Project Options
- 📄 Pipeline

General

Enabled 

Description

Plain text [Preview](#)

- ☐ Discard old builds ?
- ☐ Do not allow concurrent builds
- ☐ Do not allow the pipeline to resume if the controller restarts

☒ GitHub project

Project url ?

Advanced ▾

Save

Apply

ChatGPT ChatGPT 2 All Bookmarks

Dashboard > job > Configuration

Configure

- General
- Advanced Project Options
- Pipeline

Definition

Pipeline script from SCM

SCM ?

Git

Repositories ?

Repository URL ?

https://github.com/bharath11112001/captest.git

Credentials ?

bharath11112001/*

+ Add

Advanced

Save Apply

ChatGPT ChatGPT 2 All Bookmarks

Dashboard > job > Configuration

Configure

- General
- Advanced Project Options
- Pipeline

Branches to build ?

Branch Specifier (blank for 'any') ?

*/main

Branch Specifier (blank for 'any') ?

*/dev

Add Branch

Repository browser ?

(Auto)

Additional Behaviours

Add

Script Path ?

Save Apply

Jenkins overview pipeline:

Dashboard > job > #18 > Pipeline Overview

✓ < Build #18

Rebuild Console Configure

Pipeline

Start Checkout SCM Checkout SCM Build Deploy End

Details

Started 5 min 50 sec ago

Queued 7.4 sec

Took 54 sec

Jenkins 2.452.2

Console output:

← → ↻ ⚠ Not secure 43.204.143.206:8080/job/job/9/console

Dashboard > job > #9

Status

Changes

Console Output

View as plain text

Edit Build Information

Delete build '#9'

Timings

Git Build Data

Pipeline Overview

Pipeline Console

Restart from Stage

Replay

Pipeline Steps

Workspaces

✓ Console Output

Started by user bharath c

Lightweight checkout support not available, falling back to full checkout.

Checking out git <https://github.com/bharath11112001/captest.git> into

/var/lib/jenkins/workspace/job@script/54677fb8721ca41089cf57cea9ddee508f32c49859fec161b88d1e20070c1ba to read Jenkinsfile

The recommended git tool is: NONE

using credential gitid_cap

> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/job@script/54677fb8721ca41089cf57cea9ddee508f32c49859fec161b88d1e20070c1ba/.git # timeout=10

Fetching changes from the remote Git repository

> git config remote.origin.url <https://github.com/bharath11112001/captest.git> # timeout=10

Fetching upstream changes from <https://github.com/bharath11112001/captest.git>

> git --version # timeout=10

> git --version # 'git version 2.43.0'

using GIT_ASKPASS to set credentials

> git fetch --tags --force --progress -- <https://github.com/bharath11112001/captest.git> +refs/heads/*:refs/remotes/origin/* # timeout=10

Seen branch in repository origin/main

Seen 1 remote branch

> git show-ref --tags -d # timeout=10

Checking out Revision 4bfd12ae164827d3a9fa19b1edab05261ba8a724 (origin/main)

> git config core.sparsecheckout # timeout=10

> git checkout -f 4bfd12ae164827d3a9fa19b1edab05261ba8a724 # timeout=10

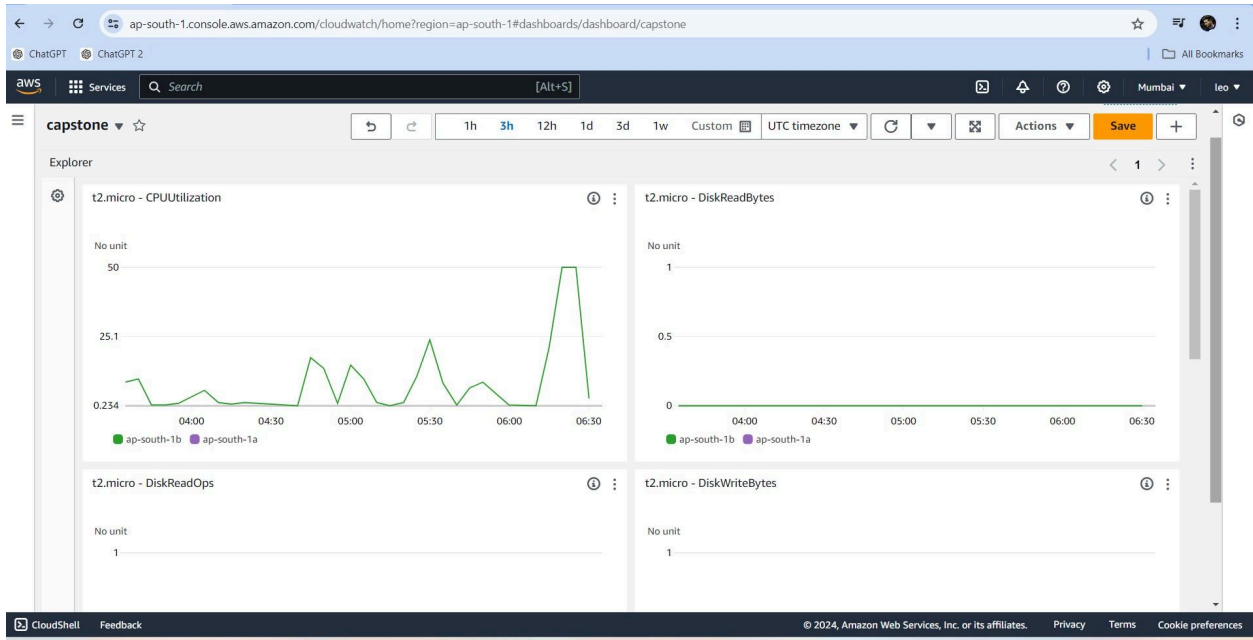
Commit message: "push"

> git rev-list --no-walk 49b1d3e6ab3c33189ebd5f5aad25a7080293379 # timeout=10

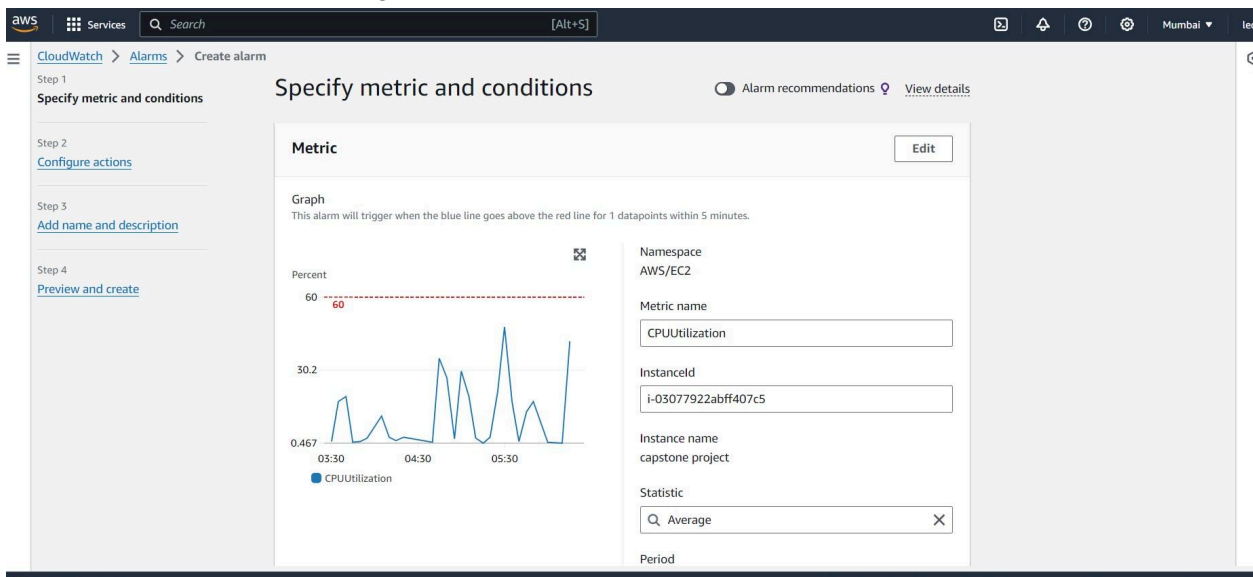
[Pipeline] Start of Pipeline

Health check monitor:

Monitor dashboard of cloudwatch:



Email alarm notification configuration:



Step 2

Configure actions

Step 3

[Add name and description](#)

Step 4

[Preview and create](#)

Notification

Alarm state trigger

Define the alarm state that will trigger this action.

☒ In alarm

The metric or expression is outside of the defined threshold.

☐ OK

The metric or expression is within the defined threshold.

☐ Insufficient data

The alarm has just started or not enough data is available.

Remove

Send a notification to the following SNS topic

Define the SNS (Simple Notification Service) topic that will receive the notification.

☒ Select an existing SNS topic

☐ Create new topic

☐ Use topic ARN to notify other accounts

Send a notification to...

Only topics belonging to this account are listed here. All persons and applications subscribed to the selected topic will receive notifications.

Email (endpoints)

princebharath883@gmail.com - [View in SNS Console](#)

Add notification

Cpu utilization is above the 60 alarm is indication

Favorites and recents

Dashboards

capstone

Alarms 1

In alarm

All alarms

Logs

Metrics

All metrics

CloudWatch > Alarms

Alarms (1)

Hide Auto Scaling alarms

Clear selection

Create composite alarm

Actions

Create alarm

Alarm state: Any

Alarm type: Any

Actions status: Any

	Name	State	Last state update (UTC)	Conditions	Actions
<input type="checkbox"/>	capstone	In alarm	2024-06-29 06:31:15	CPUUtilization >= 60 for 1 datapoints within 5 minutes	Actions enabled War

As the ec2 actions configuration the instance is getting stopping

C2 Dashboard

C2 Global View

instances

instances

Instance Types

aunch Templates

Instances (1/3) Info

Connect

Instance state

Actions

Launch instances

All states

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv
<input type="checkbox"/>	fype	i-0d31f93b704625ae1	Stopped	t2.micro	-	View alarms	ap-south-1b	-
<input checked="" type="checkbox"/>	capstone project	i-03077922abff407c5	Stopping	t2.micro	-	1 in al...	ap-south-1b	ec2-43-20
<input type="checkbox"/>	capstone	i-0276a63f0d9e0a26f	Stopped	t2.micro	-	View alarms	ap-south-1a	-