AWS Setup

Launch a AWS EC2 instance:

Instance Name : Project-app

Security group:

Inbound Rules:

Inbound rules Info

Security group rule ID	Type	Protocol Info	Port range Info	Source Info		Description - optional Info	
sgr-0707777cf98782f95	All traffic ▼	All	All	Cus... ▼	🔍 0.0.0.0/0 ✕		Delete
sgr-0b4a255f4e8e53c0b	Custom TCP ▼	TCP	8080	Cus... ▼	🔍 0.0.0.0/0 ✕		Delete
sgr-0a6c1912c7919f019	Custom TCP ▼	TCP	3000	Cus... ▼	🔍 0.0.0.0/0 ✕		Delete
sgr-028c1664ff5016250	SSH ▼	TCP	22	Cus... ▼	🔍		Delete

sgr-0a6c1912c7919f019	Custom TCP ▼	TCP	3000	Cus... ▼	🔍 0.0.0.0/0 ✕		Delete
sgr-028c1664ff5016250	SSH ▼	TCP	22	Cus... ▼	🔍 0.0.0.0/0 ✕		Delete
sgr-0071eb57295553f24	Custom TCP ▼	TCP	9090	Cus... ▼	🔍 0.0.0.0/0 ✕		Delete
sgr-0deb098ebefb80dbc	Custom TCP ▼	TCP	9100	Cus... ▼	🔍 0.0.0.0/0 ✕		Delete
sgr-0c6f06baf9f47902b	HTTP ▼	TCP	80	Cus... ▼	🔍 0.0.0.0/0 ✕		Delete

Outbound Rules:

Outbound rules Info

Security group rule ID	Type Info	Protocol Info	Port range Info	Destination Info		Description - optional Info	
sgr-02037b011ec139cfb	All traffic ▼	All	All	Cus... ▼	🔍 0.0.0.0/0 ✕		Delete

Add rule

GitHub

Created a repo called devops-build in git

GitHub Repo url : https://github.com/NambariGayatri/devops-build.git

Main Branch:

Dev branch:

Jenkins login page:

Configuration settings:

Docker Plugin config:

Declarative Pipeline (Docker)

Docker Label ?

> Docker

Docker registry URL ?

> https://hub.docker.com

Registry credentials

> gayatridevops11/****** (docker-cred) ⌄

+ Add ⌄

Pipeline Git config:

Definition

> Pipeline script from SCM ⌄

SCM ?

> Git ⌄   ?

Repositories ?

Repository URL ?   ✕

> https://github.com/NambariGayatri/devops-build.git

Credentials ?

> NambariGayatri/****** (github-cred) ⌄

Stage View:

DockerHub

Created two repos called 'dev' and 'prod', where dev is public and prod is private.

Dev Repo:

gayatridevops11/finalapp_dev ⊘

Updated 2 minutes ago

This repository does not have a description ✎ ⓘ INCOMPLETE

This repository does not have a category ✎ ⓘ INCOMPLETE

Docker commands

Public View

To push a new tag to this repository:

```
docker push gayatridevops11/finalapp_dev:tagname
```

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
● latest	🐧	Image	a few seconds ago	2 minutes 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

Prod Repo:

gayatridevops11/finalapp_prod 🔒

Updated 6 minutes 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 gayatridevops11/finalapp_prod:tagname
```

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
● latest	🐧	Image	---	6 minutes 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

Deployed Site:

Deployed site URL: http://ec2-3-128-95-199.us-east-2.compute.amazonaws.com/

OnlineShop   Home   Login   SignUp

OnePlus 9 5G	Iphone 13 mini	Samsung s21 ultra	xiomi mi 11
5.4 inch display 399	5.4 inch display 399	5.4 inch display 399	5.4 inch display 399
Add to Cart	Add to Cart	Add to Cart	Add to Cart

OnePlus 9 5G   Iphone 13 mini   Samsung s21 ultra   xiomi mi 11

Prometheus:

localhost:9090/graph?g0.expr=container_cpu_user_seconds_total&g0.tab=1&g0.display_mode=lines&g0.show_exemplars=0&g0.range_input=1h

Prometheus   Alerts   Graph   Status   Help

Use local time   ☑ Enable query history   ☑ Enable autocomplete   ☑ Enable highlighting   ☑ Enable linter

container_cpu_user_seconds_total   Execute

Table   Graph   Load time: 38ms   Resolution: 14s   Result series: 10

<   Evaluation time   >

container_cpu_user_seconds_total{**id**="/", **instance**="cadvisor:8080", **job**="cadvisor"}	96.61
container_cpu_user_seconds_total{**id**="/01-docker", **instance**="cadvisor:8080", **job**="cadvisor"}	45.88
container_cpu_user_seconds_total{**id**="/docker", **instance**="cadvisor:8080", **job**="cadvisor"}	26.58
container_cpu_user_seconds_total{**id**="/kubepods", **instance**="cadvisor:8080", **job**="cadvisor"}	0
container_cpu_user_seconds_total{**id**="/podruntime", **instance**="cadvisor:8080", **job**="cadvisor"}	0
container_cpu_user_seconds_total{**id**="/systemreserved", **instance**="cadvisor:8080", **job**="cadvisor"}	0

container_cpu_user_seconds_total{**container_label_com_docker_compose_config_hash**="45112636893260f62e7e6f42f6ad4d0107699246342cc54aab49323f2da5ca81",   1.41
container_label_com_docker_compose_container_number="1", **container_label_com_docker_compose_image**="sha256:dae83f665c92a854ca6cc4735ed051452a7712704963ad45405ab1b51d0fe8f9",
container_label_com_docker_compose_oneoff="False", **container_label_com_docker_compose_project**="devops-build",
container_label_com_docker_compose_project_config_files="C:\Users\91879\devops-build\docker-compose1.yaml",
container_label_com_docker_compose_project_working_dir="C:\Users\91879\devops-build", **container_label_com_docker_compose_service**="redis",
container_label_com_docker_compose_version="2.24.7", **id**="/docker/be0cceaeade7d4e84da7fd7c395a4ab008b4b8a12f264c8e1e8b17f44a5814e4", **image**="redis:latest", **instance**="cadvisor:8080",
job="cadvisor", **name**="redis"}

← → C ⓘ localhost:9090/graph?g0.expr=container_cpu_user_seconds_total&g0.tab=0&g0.display_mode=lines&g0.show_exemplars=0&g0.range_input=1h ☆ 🗖 | ⬝ G ⋮
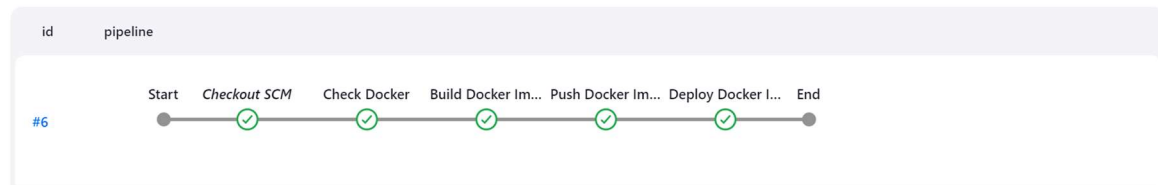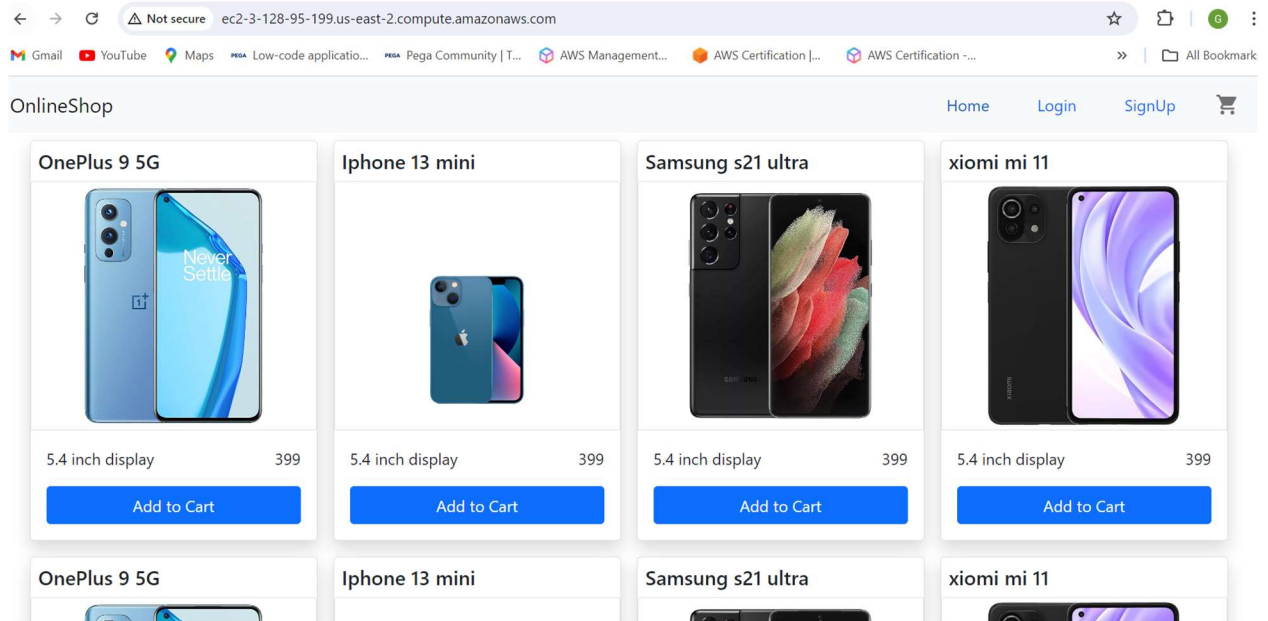
M Gmail ▶ YouTube 📍 Maps PEGA Low-code applicatio... PEGA Pega Community | T... 🔷 AWS Management... 🔶 AWS Certification |... 🔷 AWS Certification -... » 📁 All Bookmark

Prometheus   Alerts   Graph   Status ▾   Help   ⚙ ☾ ◐

Load time: 25ms   Resolution: 14s   Result series: 10

Table   Graph

[−] 1h [+]   ‹   End time   ›   Res.

2024-08-14 18:56:33 +00:00
■ container_cpu_user_seconds_total: 0.06
Series: [graph icon] [bar icon]   Show Exemplars
container_cpu_user_seconds_total
container_label_com_docker_compose_config_hash: aa0a493e610043d34aa81dda5aefe5d19bdbf69527fdf243d7c9036acd6adc3e
container_label_com_docker_compose_container_number: 1
container_label_com_docker_compose_image: sha256:bf294019a89b435a996310e09116b56c23755902bc78e93a23929ea7c9f4edbf
container_label_com_docker_compose_oneoff: False
container_label_com_docker_compose_project: devops-build
container_label_com_docker_compose_project_config_files: C:\Users\91879\devops-build\docker-compose.yaml
container_label_com_docker_compose_project_working_dir: C:\Users\91879\devops-build
container_label_com_docker_compose_service: web
container_label_com_docker_compose_version: 2.24.7
container_label_desktop_docker_io_binds_0_Source: C:\Users\91879\devops-build\build
container_label_desktop_docker_io_binds_0_SourceKind: hostFile
container_label_desktop_docker_io_binds_0_Target: /usr/share/nginx/html
container_label_maintainer: NGINX Docker Maintainers <docker-maint@nginx.com>
id: /docker/e7a3ed21f63d8efb710c0dd370f0fcbd1160c30438ec1c6c42a80e9be9a7261c
image: nginx-app
instance: cadvisor:8080
job: cadvisor
name: devops-build-web-1

0.07
0.07
0.07
0.06
0.06
0.05