



Services

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EC2 S3 IAM Elastic Container Registry

```
ubuntu@ip-172-31-34-240:~$ mkdir reaactapp
ubuntu@ip-172-31-34-240:~$ cd reactapp
-bash: cd: reactapp: No such file or directory
ubuntu@ip-172-31-34-240:~$ cd reaactapp
ubuntu@ip-172-31-34-240:~/reaactapp$ vi Dockerfile
ubuntu@ip-172-31-34-240:~/reaactapp$ docker build -t reactis-demo .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
             Install the buildx component to build images with BuildKit:
             https://docs.docker.com/go/buildx/

Sending build context to Docker daemon   2.56kB
Step 1/10 : FROM node:14 AS builder
14: Pulling from library/node
2ff1d7c41c74: Pull complete
b253aeafeaa7: Pull complete
3d2201bd995c: Pull complete
1de76e268b10: Pull complete
d9a8df589451: Pull complete
6f51ee005dea: Pull complete
5f32ed3c3f27: Pull complete
0c8cc2f24a4d: Pull complete
0d27a8e86132: Pull complete
Digest: sha256:a158d3b9b4e3fa813fa6c8c590b8f0a860e015ad4e59bbce5744d2f6fd8461aa
Status: Downloaded newer image for node:14
---> 1d12470fa662
Step 2/10 : WORKDIR /app
---> Running in 027cce48de11
Removing intermediate container 027cce48de11
---> a15eeb4c15ec
```



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```
ubuntu@ip-172-31-34-240:~/reaactapp$ vi Dockerfile
ubuntu@ip-172-31-34-240:~/reaactapp$ ls
Dockerfile  docker-compose.yml
ubuntu@ip-172-31-34-240:~/reaactapp$ vi Dockerfile
ubuntu@ip-172-31-34-240:~/reaactapp$ ls
Dockerfile  docker-compose.yml
ubuntu@ip-172-31-34-240:~/reaactapp$ git clone https://github.com/NARENDIR/reactjs-Project.git
Cloning into 'reactjs-Project'...
remote: Enumerating objects: 40, done.
remote: Counting objects: 100% (18/18), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 40 (delta 9), reused 8 (delta 8), pack-reused 22
Receiving objects: 100% (40/40), 175.88 KiB | 6.76 MiB/s, done.
Resolving deltas: 100% (11/11), done.
ubuntu@ip-172-31-34-240:~/reaactapp$ ls
Dockerfile  docker-compose.yml  reactjs-Project
ubuntu@ip-172-31-34-240:~/reaactapp$ mv . /reaactapp/reactjs-project
mv: cannot move '.' to '/reaactapp/reactjs-project': No such file or directory
ubuntu@ip-172-31-34-240:~/reaactapp$ pwd
/home/ubuntu/reaactapp
ubuntu@ip-172-31-34-240:~/reaactapp$ mv . /home/ubuntu/reaactapp/reactjs-project
mv: cannot move '.' to '/home/ubuntu/reaactapp/reactjs-project': Device or resource busy
ubuntu@ip-172-31-34-240:~/reaactapp$ mv * /home/ubuntu/reaactapp/reactjs-project/
mv: target '/home/ubuntu/reaactapp/reactjs-project/' is not a directory
ubuntu@ip-172-31-34-240:~/reaactapp$ cd reactjs-project
-bash: cd: reactjs-project: No such file or directory
ubuntu@ip-172-31-34-240:~/reaactapp$ cd reactjs-Project
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ ls
README.md  package-lock.json  package.json  public  src
```



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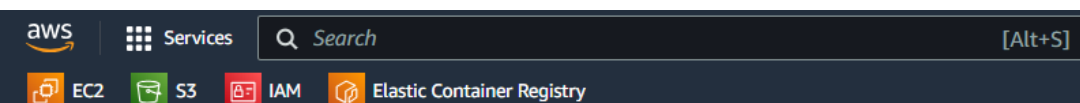


Elastic Container Registry

```
README.md package-lock.json package.json public src
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ cd ..
ubuntu@ip-172-31-34-240:~/reaactapp$ mv . /home/ubuntu/reaactapp/reactjs-project
mv: cannot move '.' to '/home/ubuntu/reaactapp/reactjs-project': Device or resource busy
ubuntu@ip-172-31-34-240:~/reaactapp$ mv . /home/ubuntu/reaactapp/reactjs-Project
mv: cannot move '.' to '/home/ubuntu/reaactapp/reactjs-Project.': Device or resource busy
ubuntu@ip-172-31-34-240:~/reaactapp$ mv . /home/ubuntu/reaactapp/reactjs-Project/
mv: cannot move '.' to '/home/ubuntu/reaactapp/reactjs-Project/.': Device or resource busy
ubuntu@ip-172-31-34-240:~/reaactapp$ cd reactjs-Project
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ vi Dockerfile
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ nano Dockerfile
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker build -t .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
Install the buildx component to build images with BuildKit:
https://docs.docker.com/go/buildx/

invalid argument "." for "-t, --tag" flag: invalid reference format
See 'docker build --help'.
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ ls
Dockerfile README.md package-lock.json package.json public src
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker build -t project.
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
Install the buildx component to build images with BuildKit:
https://docs.docker.com/go/buildx/

invalid argument "project." for "-t, --tag" flag: invalid reference format
See 'docker build --help'.
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker build -t project .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
```



```
See 'docker build --help'.
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker build -t project .
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
             Install the buildx component to build images with BuildKit:
             https://docs.docker.com/go/buildx/

Sending build context to Docker daemon  872.4kB
Step 1/10 : FROM node:14 AS builder
--> 1d12470fa662
Step 2/10 : WORKDIR /app
--> Using cache
--> a15eeb4c15ec
Step 3/10 : COPY package*.json ./
--> 986496f040f1
Step 4/10 : RUN npm install
--> Running in b5bd003a340e

> core-js@2.6.11 postinstall /app/node_modules/babel-runtime/node_modules/core-js
> node -e "try{require('./postinstall')}catch(e){}"

Thank you for using core-js ( https://github.com/zloirock/core-js ) for polyfilling JavaScript standard library!

The project needs your help! Please consider supporting of core-js on Open Collective or Patreon:
> https://opencollective.com/core-js
> https://www.patreon.com/zloirock

Also, the author of core-js ( https://github.com/zloirock ) is looking for a good job -)
```

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```
---> 973568c9db67
Successfully built 973568c9db67
Successfully tagged project:latest
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
project       latest   973568c9db67   8 seconds ago  49MB
<none>        <none>   b291559339a5   15 seconds ago 1.11GB
nginx         alpine   b135667c9898   8 days ago    47.7MB
node          14       1d12470fa662   6 months ago  912MB
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker run -p
flag needs an argument: 'p' in -p
See 'docker run --help'.
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker run -d -p 80:80 project:latest
cde94307ec083a1f8e07cd3c4d7e7363d97202d2afafce2f0cc1f5ea8e35b2d6
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
cde94307ec08   project:latest  "/docker-entrypoint..." 12 seconds ago Up 12 seconds  0.0.0.0:80->80/tcp, :::80->80/tcp  crazy_nobel
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker container stop cde94307ec08
cde94307ec08
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
cde94307ec08   project:latest  "/docker-entrypoint..." 2 minutes ago  Exited (0) 7 seconds ago          crazy_nobel
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ nano docker-compose.yml
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker compose -up
unknown shorthand flag: 'u' in -up
See 'docker --help'.

Usage:  docker [OPTIONS] COMMAND
```

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```
    `scale` setting in the Compose file if present.
--no-log-prefix      Don't print prefix in logs.
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker-compose up -d
Creating network "reactjs-project_default" with the default driver
Creating reactjs-project_web_1 ... done
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ ls
Dockerfile  README.md  docker-compose.yml  package-lock.json  package.json  public  src
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
8b056098d2a1   project:latest "/docker-entrypoint..." 45 seconds ago Up 44 seconds 0.0.0.0:80->80/tcp, :::80->80/tcp reactjs-project_web_1
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ history
1  sudo apt update
2  sudo apt install docker.io
3  sudo usermod -aG docker ubuntu
4  git clone https://github.com/rvsp/reactis-demo.git
5  git clone https://github.com/NARENDIR/reactjs-Project.git
6  cd reactis-demo
7  npm install
8  npm run build
9  sudo apt install npm
10 cd reactis-demo
11 npm install
12 npm run build
13 npm install
14 npm run build
15 cd reactis-demo
16 clear
17 mkdir reaactapp
18 cd reactapp
```

#	Name
---	------

```
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ubuntu@ip-172-31-34-240:~/reactapp/reactjs-Project$ vi build.sh
ubuntu@ip-172-31-34-240:~/reactapp/reactjs-Project$ vi deploy.sh
ubuntu@ip-172-31-34-240:~/reactapp/reactjs-Project$ chmod +x build.sh deploy.sh
ubuntu@ip-172-31-34-240:~/reactapp/reactjs-Project$ ./build.sh
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
             Install the buildx component to build images with BuildKit:
             https://docs.docker.com/go/buildx/

Sending build context to Docker daemon   876kB
Step 1/10 : FROM node:14 AS builder
--> 1d12470fa662
Step 2/10 : WORKDIR /app
--> Using cache
--> a15eeb4c15ec
Step 3/10 : COPY package*.json ./
--> Using cache
--> 986496f040f1
Step 4/10 : RUN npm install
--> Using cache
--> 5b89b849cc81
Step 5/10 : COPY . .
--> a7d90c100f2e
Step 6/10 : RUN npm run build
--> Running in 2c963b911a30

> react-front-end@0.1.0 build /app
> react-scripts build

Creating an optimized production build...
```





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```
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ vi deploy.sh
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ ./deploy.sh
./deploy.sh: line 4: project: command not found
ubuntu@65.2.166.223: Permission denied (publickey).
lost connection
usage: ssh [-46AaCfGgKkMnNqSQtTvVxXyY] [-B bind_interface]
          [-b bind_address] [-c cipher_spec] [-D [bind_address:]port]
          [-E log_file] [-e escape_char] [-F configfile] [-I pkcs11]
          [-i identity_file] [-J [user@]host[:port]] [-L address]
          [-l login_name] [-m mac_spec] [-O ctl_cmd] [-o option] [-p port]
          [-Q query_option] [-R address] [-S ctl_path] [-W host:port]
          [-w local_tun[:remote_tun]] destination [command [argument ...]]
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ ./deploy.sh
./deploy.sh: line 4: project: command not found
ubuntu@65.2.166.223: Permission denied (publickey).
lost connection
usage: ssh [-46AaCfGgKkMnNqSQtTvVxXyY] [-B bind_interface]
          [-b bind_address] [-c cipher_spec] [-D [bind_address:]port]
          [-E log_file] [-e escape_char] [-F configfile] [-I pkcs11]
          [-i identity_file] [-J [user@]host[:port]] [-L address]
          [-l login_name] [-m mac_spec] [-O ctl_cmd] [-o option] [-p port]
          [-Q query_option] [-R address] [-S ctl_path] [-W host:port]
          [-w local_tun[:remote_tun]] destination [command [argument ...]]
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ vi deploy.sh
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ ./deploy.sh
project@65.2.166.223: Permission denied (publickey).
lost connection
ssh: Could not resolve hostname react: Temporary failure in name resolution
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$
```




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```

Reading state information... Done
34 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-34-240:~$ vi deploy.sh
ubuntu@ip-172-31-34-240:~$ chmod +x build.sh
chmod: cannot access 'build.sh': No such file or directory
ubuntu@ip-172-31-34-240:~$ vi build.sh
ubuntu@ip-172-31-34-240:~$ git init
git add .
git commit -m "Initial commit"
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/ubuntu/.git/
warning: adding embedded git repository: reaactapp/reactjs-Project
hint: You've added another git repository inside your current repository.
hint: Clones of the outer repository will not contain the contents of
hint: the embedded repository and will not know how to obtain it.
hint: If you meant to add a submodule, use:
hint:
hint:   git submodule add <url> reaactapp/reactjs-Project
hint:
hint: If you added this path by mistake, you can remove it from the





```

i-0b8b80c3cd8eebc9d (react project)

PublicIPs: 15.206.79.158    PrivateIPs: 172.31.34.240

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```
create mode 100644 reactapp/docker-compose.yml
create mode 160000 reactapp/reactjs-Project
create mode 160000 reactjs-Project
ubuntu@ip-172-31-34-240:~$ vi dockerignore.sh
ubuntu@ip-172-31-34-240:~$ vi gitignore.sh
ubuntu@ip-172-31-34-240:~$ git add .dockerignore .gitignore
git commit -m "Add .dockerignore and .gitignore files"
fatal: pathspec '.dockerignore' did not match any files
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
  (commit or discard the untracked or modified content in submodules)
        modified:   .viminfo
        modified:   reactapp/reactjs-Project (untracked content)

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        dockerignore.sh
        gitignore.sh

no changes added to commit (use "git add" and/or "git commit -a")
ubuntu@ip-172-31-34-240:~$ git commit -m "Add dockerignore and gitignore files"
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
  (commit or discard the untracked or modified content in submodules)
        modified:   .viminfo
```

i-0b8b80c3cd8eebc9d (react project)

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modified: reactapp/reactjs-Project (untracked content)

Untracked files:

(use "git add <file>..." to include in what will be committed)

dockerignore.sh

gitignore.sh

no changes added to commit (use "git add" and/or "git commit -a")

ubuntu@ip-172-31-34-240:~\$ git add dockerignore gitignore

fatal: pathspec 'dockerignore' did not match any files

ubuntu@ip-172-31-34-240:~\$ vi dockerignore

ubuntu@ip-172-31-34-240:~\$ vi gitignore

ubuntu@ip-172-31-34-240:~\$ git add dockerignore gitignore

git commit -m "Add dockerignore and gitignore files"

[master 3f017a9] Add dockerignore and gitignore files

Committer: Ubuntu <ubuntu@ip-172-31-34-240.ap-south-1.compute.internal>

Your name and email address were configured automatically based

on your username and hostname. Please check that they are accurate.

You can suppress this message by setting them explicitly. Run the  
following command and follow the instructions in your editor to edit  
your configuration file:

git config --global --edit

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

2 files changed, 8 insertions(+)

i-0b8b80c3cd8eebc9d (react project)

PublicIPs: 15.206.79.158 PrivateIPs: 172.31.34.240

```
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Untracked files:
(use "git add <file>..." to include in what will be committed)
    dockerignore.sh
    gitignore.sh

no changes added to commit (use "git add" and/or "git commit -a")
ubuntu@ip-172-31-34-240:~$ git remote add origin <GitHub_Repository_URL>
-bash: syntax error near unexpected token `newline'
ubuntu@ip-172-31-34-240:~$ git remote add origin https://github.com/NARENDIR/reaactjs.git
ubuntu@ip-172-31-34-240:~$ git branch dev
git checkout dev
M      .viminfo
M      reaactapp/reactjs-Project
Switched to branch 'dev'
ubuntu@ip-172-31-34-240:~$ git push -u origin dev
Username for 'https://github.com': NARENDIR
Password for 'https://NARENDIR@github.com':
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/en/get-started/getting-started-with-git/about-remote-repositories#authentication.
fatal: Authentication failed for 'https://github.com/NARENDIR/reaactjs.git/'
ubuntu@ip-172-31-34-240:~$ git push -u origin dev
Username for 'https://github.com': NARENDIR
Password for 'https://NARENDIR@github.com':
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/en/get-started/getting-started-with-git/about-remote-repositories#authentication.
fatal: Authentication failed for 'https://github.com/NARENDIR/reaactjs.git/'
ubuntu@ip-172-31-34-240:~$ git push -u origin dev
```

i-0b8b80c3cd8eebc9d (react project)


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```
ication.
fatal: Authentication failed for 'https://github.com/NARENDIR/reaactjs.git/'
ubuntu@ip-172-31-34-240:~$ git push -u origin dev
Username for 'https://github.com': NARENDIR
Password for 'https://NARENDIR@github.com':
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/en/get-started/getting-started-with-git/about-remote-re
ication.
fatal: Authentication failed for 'https://github.com/NARENDIR/reaactjs.git/'
ubuntu@ip-172-31-34-240:~$ git push -u origin dev
Username for 'https://github.com': NARENDIR
Password for 'https://NARENDIR@github.com':
Enumerating objects: 30, done.
Counting objects: 100% (30/30), done.
Compressing objects: 100% (24/24), done.
Writing objects: 100% (30/30), 8.43 KiB | 1.20 MiB/s, done.
Total 30 (delta 5), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (5/5), done.
To https://github.com/NARENDIR/reaactjs.git
 * [new branch]      dev -> dev
Branch 'dev' set up to track remote branch 'dev' from 'origin'.
ubuntu@ip-172-31-34-240:~$ git push
Username for 'https://github.com': NARENDIR
Password for 'https://NARENDIR@github.com':
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/en/get-started/getting-started-with-git/about-remote-re
ication.
fatal: Authentication failed for 'https://github.com/NARENDIR/reaactjs.git/'
ubuntu@ip-172-31-34-240:~$
```


i-0b8b80c3cd8eebc9d (react project)


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Dockerfile build.sh deploy.sh docker-compose.yml package-lock.json reactjs-Project

ubuntu@ip-172-31-34-240:~/reaactapp\$ cd reactjs-Project

ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project\$ ls

Dockerfile README.md build.sh deploy.sh docker-compose.yml package-lock.json package.json public src

ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project\$ vi Dockerfile

ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project\$ docker build -t reactis-demo .

DEPRECATED: The legacy builder is deprecated and will be removed in a future release.

Install the buildx component to build images with BuildKit:

<https://docs.docker.com/go/buildx/>

Sending build context to Docker daemon 876kB

Step 1/10 : FROM node:14 AS builder

----> 1d12470fa662

Step 2/10 : WORKDIR /app

----> Using cache

----> a15eeb4c15ec

Step 3/10 : COPY package\*.json ./

----> Using cache

----> 986496f040f1

Step 4/10 : RUN npm install

----> Using cache

----> 5b89b849cc81

Step 5/10 : COPY . .

----> cd0008b87d4f

Step 6/10 : RUN npm run build

----> Running in 7eb77a4aa56c

> react-front-end@0.1.0 build /app

> react-scripts build

i-0b8b80c3cd8eebc9d (react project)

PublicIPs: 52.66.201.7 PrivateIPs: 172.31.34.240

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```
---> 973568c9db67
Successfully built 973568c9db67
Successfully tagged reactis-demo:latest
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker-compose up -d
Starting reactjs-project web 1 ... done
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
8b056098d2a1   project:latest "/docker-entrypoint..." 2 days ago    Up 8 seconds  0.0.0.0:80->80/tcp, :::80->80/tcp  reactjs-project_web_1
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ ls
Dockerfile  README.md  build.sh  deploy.sh  docker-compose.yml  package-lock.json  package.json  public  src
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ cat build.sh
#!/bin/bash

# Define the Docker image name and tag
IMAGE_NAME=project
TAG="latest"

# Build the Docker image using the provided Dockerfile
docker build -t $IMAGE_NAME:$TAG .

# Display a message indicating the image has been built
echo "Docker image $IMAGE_NAME:$TAG has been built successfully."

ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ chmod +x build.sh
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ ./build.sh
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
            Install the buildx component to build images with BuildKit:
            https://docs.docker.com/go/buildx/
```

i-0b8b80c3cd8eebc9d (react project)

PublicIPs: 52.66.201.7   PrivateIPs: 172.31.34.240



```
Step 10/10 : CMD ["nginx", "-g", "daemon off;"]
---> Using cache
---> 973568c9db67
Successfully built 973568c9db67
Successfully tagged project:latest
Docker image project:latest has been built successfully.
ubuntu@ip-172-31-34-240:~/reactapp/reactjs-Project$ docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
<none>	<none>	aa949d4275b7	3 minutes ago	1.11GB
<none>	<none>	c6f705690b9a	7 minutes ago	913MB
<none>	<none>	6add83221ada	8 minutes ago	913MB
<none>	<none>	99ef5a6c5501	2 hours ago	913MB
<none>	<none>	b6b79c02ff41	2 days ago	1.11GB
project	latest	973568c9db67	2 days ago	49MB
reactis-demo	latest	973568c9db67	2 days ago	49MB
<none>	<none>	b291559339a5	2 days ago	1.11GB
nginx	alpine	b135667c9898	10 days ago	47.7MB
node	14	1d12470fa662	6 months ago	912MB

```
ubuntu@ip-172-31-34-240:~/reactapp/reactjs-Project$ docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
<none>	<none>	aa949d4275b7	4 minutes ago	1.11GB
<none>	<none>	c6f705690b9a	7 minutes ago	913MB
<none>	<none>	6add83221ada	9 minutes ago	913MB
<none>	<none>	99ef5a6c5501	2 hours ago	913MB
<none>	<none>	b6b79c02ff41	2 days ago	1.11GB
reactis-demo	latest	973568c9db67	2 days ago	49MB
project	latest	973568c9db67	2 days ago	49MB
<none>	<none>	b291559339a5	2 days ago	1.11GB
nginx	alpine	b135667c9898	10 days ago	47.7MB

i-0b8b80c3cd8eebc9d (react project)

PublicIPs: 52.66.201.7    PrivateIPs: 172.31.34.240

aws

Services

Search

[Alt+S]

EC2

S3

IAM

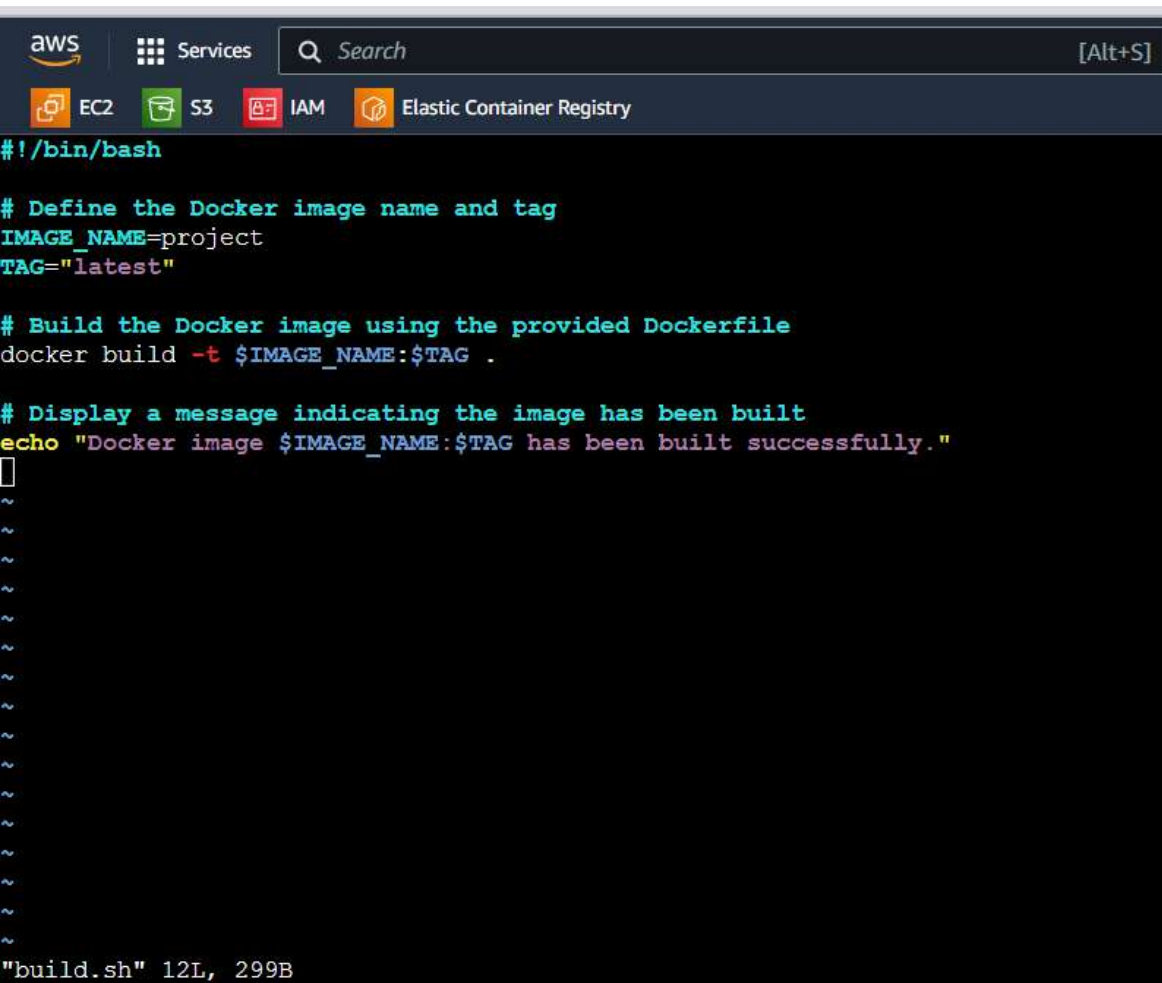
Elastic Container Registry

<none>	<none>	aa949d4275b7	4 minutes ago	1.11GB
<none>	<none>	c6f705690b9a	7 minutes ago	913MB
<none>	<none>	6add83221ada	9 minutes ago	913MB
<none>	<none>	99ef5a6c5501	2 hours ago	913MB
<none>	<none>	b6b79c02ff41	2 days ago	1.11GB
reactis-demo	latest	973568c9db67	2 days ago	49MB
project	latest	973568c9db67	2 days ago	49MB
<none>	<none>	b291559339a5	2 days ago	1.11GB
nginx	alpine	b135667c9898	10 days ago	47.7MB
node	14	1d12470fa662	6 months ago	912MB

```
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker-compose down
Stopping reactjs-project_web_1 ... done
Removing reactjs-project_web_1 ... done
Removing network reactjs-project_default
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS        NAMES
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ vi deploy.sh
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ chmod +x deploy.sh
Command 'chomd' not found, did you mean:
  command 'chmod' from deb coreutils (8.32-4.1ubuntu1)
Try: sudo apt install <deb name>
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ chmod +x deploy.sh
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ ./deploy.sh
Creating network "reactjs-project_default" with the default driver
Creating reactjs-project_web_1 ... done
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS        NAMES
916aeea460f6   project:latest   "/docker-entrypoint..." 10 seconds ago   Up 9 seconds   0.0.0.0:80->80/tcp, :::80->80/tcp   reactjs-project_web_1
ubuntu@ip-172-31-34-240:~/reaactapp/reactjs-Project$
```

i-0b8b80c3cd8eebc9d (react project)

PublicIPs: 52.66.201.7    PrivateIPs: 172.31.34.240



i-0b8b80c3cd8eebc9d (react project)


PublicIPs: 52.66.201.7 PrivateIPs: 172.31.34.240

PublicIPs: 52.66.201.7 PrivateIPs: 172.31.34.240

<div><div><div>←</div><div>→</div><div>↻</div></div><div>Not secure   52.66.201.7</div><div><div><div>🔗</div><div>☆</div><div>⚙</div><div>📱</div><div>🔍</div><div>⋮</div></div></div></div> <div><div><div> Gmail</div><div> YouTube</div><div> Maps</div></div></div>	#	Name
---	---	------

```
ubuntu@ip-172-31-35-195:~$ ls
capstone-project
ubuntu@ip-172-31-35-195:~$ cd capstone-project
ubuntu@ip-172-31-35-195:~/capstone-project$ ls
Dockerfile Jenkinsfile README.md build.sh deploy.sh docker-compose.yml package-lock.json package.json public src
ubuntu@ip-172-31-35-195:~/capstone-project$ docker pull narendiranr2/dev:latest
permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://%2Fvar%2Frun%2Fdocker.sock/images/create?fromImage=narendiranr2%2Fdev&tag=latest": dial unix /var/run/docker.sock: connect: permission denied
ubuntu@ip-172-31-35-195:~/capstone-project$ sudo chmod 777 /var/run/docker.sock
ubuntu@ip-172-31-35-195:~/capstone-project$ docker pull narendiranr2/dev:latest
latest: Pulling from narendiranr2/dev
96526aa774ef: Pull complete
740091335c74: Pull complete
da9c2e764c5b: Pull complete
ade17ad21ef4: Pull complete
4e6f462c8a69: Pull complete
1324d9977cd2: Pull complete
1b9b96da2c74: Pull complete
153aef7ca07f: Pull complete
241cae4414e6: Pull complete
Digest: sha256:ed217e03a7587a087bcd785b0467c89a31e7e0cffb177aca44d7dfa4c4b6ea2
Status: Downloaded newer image for narendiranr2/dev:latest
docker.io/narendiranr2/dev:latest
ubuntu@ip-172-31-35-195:~/capstone-project$
```

## Configure

-  General
-  Advanced Project Options
-  Pipeline

## General

Enabled 

Description

main

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 ?


https://github.com/NARENDIR/capstone-project.git/

## Configure

 General

 Advanced Project Options

 Pipeline

☐ Throttle builds ?

### Build Triggers

☐ Build after other projects are built ?

☐ Build periodically ?

☒ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

☐ Quiet period ?

☐ Trigger builds remotely (e.g., from scripts) ?

### Advanced Project Options

Advanced ▾

### Pipeline

Definition

Save

Apply



## Configure

- General
- Advanced Project Options
- Pipeline

Git

Repositories ?

Repository URL ?

https://github.com/NARENDIR/capstone-project.git

Credentials ?

- none -

Add

Advanced

Add Repository

Branches to build ?

Branch Specifier (blank for 'any') ?

\*/dev

Save

Apply

- General
- Tags
- Builds
- Collaborators
- Webhooks
- Settings



Add a short description for this repository

Update

The short description is used to index your content on Docker Hub and in search engines. It's visible to users in search results.



narendiranr2 / dev

Description

This repository does not have a description



Last pushed: 3 days ago

Docker commands

Public View

To push a new tag to this repository:

```
docker push narendiranr2/dev:tagname
```

Tags

This repository contains 1 tag(s).

Automated Builds

Manually pushing images to Hub? Connect your account to GitHub or

Dashboard > main > #5

- Edit Build Information
- Delete build '#5'
- Git Build Data
- Restart from Stage
- Replay
- Pipeline Steps
- Workspaces
- Previous Build

```
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/main
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Declarative: Checkout SCM)
[Pipeline] checkout
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
> git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/main/.git # timeout=10
Fetching changes from the remote Git repository
> git config remote.origin.url https://github.com/NARENDIR/capstone-project.git # timeout=10
Fetching upstream changes from https://github.com/NARENDIR/capstone-project.git
> git --version # timeout=10
> git --version # 'git version 2.34.1'
> git fetch --tags --force --progress -- https://github.com/NARENDIR/capstone-project.git
+refs/heads/*:refs/remotes/origin/* # timeout=10
> git rev-parse refs/remotes/origin/dev^{commit} # timeout=10
Checking out Revision 18fc9ae6ced7efe53f0b5f7d0bba910cd62cfb32 (refs/remotes/origin/dev)
> git config core.sparsecheckout # timeout=10
> git checkout -f 18fc9ae6ced7efe53f0b5f7d0bba910cd62cfb32 # timeout=10
Commit message: "Update build.sh"
> git rev-list --no-walk 18fc9ae6ced7efe53f0b5f7d0bba910cd62cfb32 # timeout=10
```

#	Name
---	------

```
##### Opening
38067ed663bf: Waiting
854101110f63: Waiting
81fdcc81a9d0: Waiting
cc2447e1835a: Waiting
901e6dddcc99: Layer already exists
f126bda54112: Layer already exists
c6816550ed69: Layer already exists
4b701b99fec7: Layer already exists
01e36c0e0b84: Layer already exists
81fdcc81a9d0: Layer already exists
854101110f63: Layer already exists
cc2447e1835a: Layer already exists
38067ed663bf: Layer already exists
latest: digest: sha256:ed217e03a7587a087bcd785b0467c89a31e7e0cffb177aca44d7dfa4c4b6ea2 size: 2199
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```



Services

Search

[Alt+S]



EC2



S3



Elastic Container Registry

```
;config_file = /etc/grafana/ldap.toml
;allow_sign_up = true
```

```
# LDAP background sync (Enterprise only)
# At 1 am every day
;sync_cron = "0 0 1 * * *"
;active_sync_enabled = true
```

```
##### SMTP / Emailing #####
```

```
[smtp]
```

```
enabled = true
```

```
host = smtp.gmail.com:465
```

```
user = narendiran385@gmail.com
```

```
# If the password contains # or ; you have to wrap it with triple quotes. Ex ""#password;""
```

```
password = ""ipgx tnfi koih csvz""
```

```
;cert_file =
```

```
;key_file =
```

```
skip_verify = true
```

```
from_address = narendiran385@gmail.com
```

```
from_name = Grafana
```

```
# EHLO identity in SMTP dialog (defaults to instance_name)
```

```
;ehlo_identity = dashboard.example.com
```

```
# SMTP startTLS policy (defaults to 'OpportunisticStartTLS')
```

```
;startTLS_policy = NoStartTLS
```

aws

Services

Search

[Alt+S]

EC2

S3

Elastic Container Registry

```
ubuntu@ip-172-31-45-130:~$ cd node_exporter-1.7.0.linux-amd64
ubuntu@ip-172-31-45-130:~/node_exporter-1.7.0.linux-amd64$ ./node_exporter
ts=2023-11-14T10:15:18.417Z caller=node_exporter.go:192 level=info msg="Starting node_exporter" version="(version=1.7.0, branch=HEAD, buildDate=2023-11-14T10:15:18Z)"
ts=2023-11-14T10:15:18.418Z caller=node_exporter.go:193 level=info msg="Build context" build_context="(go=go1.21.4, platform=linux/amd64, compiler=gc, buildmode=release, ldflags=-s -w)"
ts=2023-11-14T10:15:18.418Z caller=diskstats_common.go:111 level=info collector=diskstats msg="Parsed flag --collector.diskstats.path=/dev/disk"
ts=2023-11-14T10:15:18.419Z caller=filesystem_common.go:111 level=info collector=filesystem msg="Parsed flag --collector.filesystem.mount-points=[/var/lib/docker/containers/storage/.+]"
ts=2023-11-14T10:15:18.419Z caller=filesystem_common.go:113 level=info collector=filesystem msg="Parsed flag --collector.filesystem.mount-fs-types=[debugfs|devpts|devtmpfs|fusectl|hugetlbfs|iso9660|mqqueue|nsfs|overlay|proc|procfs|pstore|rpc_pipefs|securityfs|selinuxfs|sysfs|var/lib/docker/containers/storage/.+]"
ts=2023-11-14T10:15:18.420Z caller=node_exporter.go:110 level=info msg="Enabled collectors"
ts=2023-11-14T10:15:18.420Z caller=node_exporter.go:117 level=info collector=arp
ts=2023-11-14T10:15:18.420Z caller=node_exporter.go:117 level=info collector=bcache
ts=2023-11-14T10:15:18.421Z caller=node_exporter.go:117 level=info collector=bonding
ts=2023-11-14T10:15:18.421Z caller=node_exporter.go:117 level=info collector=btrfs
ts=2023-11-14T10:15:18.421Z caller=node_exporter.go:117 level=info collector=conntrack
ts=2023-11-14T10:15:18.421Z caller=node_exporter.go:117 level=info collector=cpu
ts=2023-11-14T10:15:18.421Z caller=node_exporter.go:117 level=info collector=cpufreq
ts=2023-11-14T10:15:18.421Z caller=node_exporter.go:117 level=info collector=diskstats
ts=2023-11-14T10:15:18.422Z caller=node_exporter.go:117 level=info collector=dmi
ts=2023-11-14T10:15:18.422Z caller=node_exporter.go:117 level=info collector=edac
ts=2023-11-14T10:15:18.422Z caller=node_exporter.go:117 level=info collector=entropy
ts=2023-11-14T10:15:18.422Z caller=node_exporter.go:117 level=info collector=fibrechannel
ts=2023-11-14T10:15:18.422Z caller=node_exporter.go:117 level=info collector=filefd
ts=2023-11-14T10:15:18.422Z caller=node_exporter.go:117 level=info collector=filesystem
```

i-09824bfd57a936577 (Target-server)

PublicIPs: 13.234.111.0   PrivateIPs: 172.31.45.130

# Targets

All

Unhealthy

node (2/2 up)

show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://13.234.111.0:9100/metrics">http://13.234.111.0:9100/metrics</a>	UP	<div>instance="13.234.111.0:9100"</div> <div>job="node"</div>	13.260s	16.029ms	
<a href="http://prometheus-1:9100/metrics">http://prometheus-1:9100/metrics</a>	UP	<div>instance="prometheus-1:9100"</div> <div>job="node"</div>	5.546s	13.071ms	




prometheus (1/1 up)

show less











Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://localhost:9090/metrics">http://localhost:9090/metrics</a>	UP	<div>instance="localhost:9090"</div> <div>job="prometheus"</div>	853.000ms	6.061ms	



← → ↻ ⚠ Not secure 13.234.111.0:9100/metrics

 Gmail  YouTube  Maps

```
# HELP go_gc_duration_seconds A summary of the pause duration of garbage collection cycles.
# TYPE go_gc_duration_seconds summary
go_gc_duration_seconds{quantile="0"} 2.1252e-05
go_gc_duration_seconds{quantile="0.25"} 4.2577e-05
go_gc_duration_seconds{quantile="0.5"} 4.4777e-05
go_gc_duration_seconds{quantile="0.75"} 6.5176e-05
go_gc_duration_seconds{quantile="1"} 0.000141804
go_gc_duration_seconds_sum 0.012857812
go_gc_duration_seconds_count 239
# HELP go_goroutines Number of goroutines that currently exist.
# TYPE go_goroutines gauge
go_goroutines 9
# HELP go_info Information about the Go environment.
# TYPE go_info gauge
go_info{version="go1.21.4"} 1
# HELP go_memstats_alloc_bytes Number of bytes allocated and still in use.
# TYPE go_memstats_alloc_bytes gauge
go_memstats_alloc_bytes 2.047576e+06
# HELP go_memstats_alloc_bytes_total Total number of bytes allocated, even if freed.
# TYPE go_memstats_alloc_bytes_total counter
go_memstats_alloc_bytes_total 4.37162344e+08
# HELP go_memstats_buck_hash_sys_bytes Number of bytes used by the profiling bucket hash table.
# TYPE go_memstats_buck_hash_sys_bytes gauge
go_memstats_buck_hash_sys_bytes 1.533735e+06
# HELP go_memstats_frees_total Total number of frees.
# TYPE go_memstats_frees_total counter
go_memstats_frees_total 5.387976e+06
# HELP go_memstats_gc_sys_bytes Number of bytes used for garbage collection system metadata.
# TYPE go_memstats_gc_sys_bytes gauge
go_memstats_gc_sys_bytes 4.228608e+06
# HELP go_memstats_heap_alloc_bytes Number of heap bytes allocated and still in use.
# TYPE go_memstats_heap_alloc_bytes gauge
go_memstats_heap_alloc_bytes 2.047576e+06
# HELP go_memstats_heap_idle_bytes Number of heap bytes waiting to be used.
# TYPE go_memstats_heap_idle_bytes gauge
```



Whitelisted Cookies

Add Name

Add

Auth

Basic auth

With Credentials

TLS Client Auth

With CA Cert

Skip TLS Verify

Forward OAuth Identity

Custom HTTP Headers

+ Add header

Scrape interval

15s

Query timeout

60s

HTTP Method

Choose

Misc

Disable metrics lookup

Custom query parameters

Example: max\_source\_resolution=5m&timeout=10

✓ Data source is working

Save & Test

Delete

Back



## Import

Import dashboard from file or Grafana.com

### Options

Name

Node Exporter Full

Folder

General

Unique Identifier (uid)

The unique identifier (uid) of a dashboard can be used for uniquely identify a dashboard between multiple Grafana installs. The uid allows having consistent URLs for accessing dashboards so changing the title of a dashboard will not break any bookmarked links to that dashboard.

rYdddlPWk


Change uid


Prometheus




Prometheus

Import


Cancel



Q Search or jump to...  ctrl+k

+   

Home > Alerting > Contact points

 Alerting

Alert rules

Contact points

Notification policies


Silences

Groups

Admin

## Contact points

Choose how to notify your contact points when an alert instance fires

Alertmanager  Grafana

### Update contact point

Name \*

grafana-default-email

Integration

Email

Addresses

You can enter multiple email addresses using a ",", "\n" or ";" separator


narendiran385@gmail.com

> Optional Email settings

Test

Duplicate

Delete



Q Search or jump to...

ctrl+k

+ ⓘ 📶 🧑

Home > Alerting > Alert rules > Edit rule

Save ruleSave rule and exitCancelDelete

Alerting

Alert rules

Contact points

Notification policies

Silences

Groups

Admin

## 2. Define query and alert condition

Define queries and/or expressions and then choose one of them as the alert rule condition. This is the threshold that an alert rule must meet or exceed in order to fire.

[Need help?](#)

A Prometheus ⓘ Options 10 minutes, MD = 43200, Min. Interval = 1s ⓘ 📄 🗑️ ⋮

Set as alert condition

Kick start your query Explain

Run queriesBuilderCode

MetricLabel filters

node\_cpu\_seconds\_totalcpu=0x+

+ Operationshint: add rate

node\_cpu\_seconds\_total{cpu="0"}

> OptionsLegend: AutoFormat: Time seriesStep: autoType: Instant

Search or jump to...

ctrl+k

+ ↕ ⌚ 🔊

Home > Alerting > Alert rules > Edit rule

Save rule Save rule and exit Cancel Delete

Alerting

Alert rules

Contact points

Notification policies

Silences

Groups

Admin

Expressions

Manipulate data returned from queries with math and other operations.

B Reduce Set as alert condition

Takes one or more time series returned from a query or an expression and turns each series into a single number.

Input A

Function Last Mode Strict

Add expression Preview

C Threshold ✓ Alert condition

Takes one or more time series returned from a query or an expression and checks if any of the series match the threshold condition.

Input A

IS ABOVE 80

3. Set evaluation behavior

Define how the alert rule is evaluated. Need help?

Folder


Select a folder to store your rule.

project or + New folder




Evaluation group

Rules within the same group are evaluated sequentially over the same time interval.

project or + New evaluation group

 Services

[Alt+S]

 EC2 S3 Elastic Container Registry

```
Fetches 18.4 kB in 0s (1298 kB/s)
Selecting previously unselected package stress.
(Reading database ... 104867 files and directories currently installed.)
Preparing to unpack .../stress_1.0.5-1_amd64.deb ...
Unpacking stress (1.0.5-1) ...
Setting up stress (1.0.5-1) ...
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning linux images...

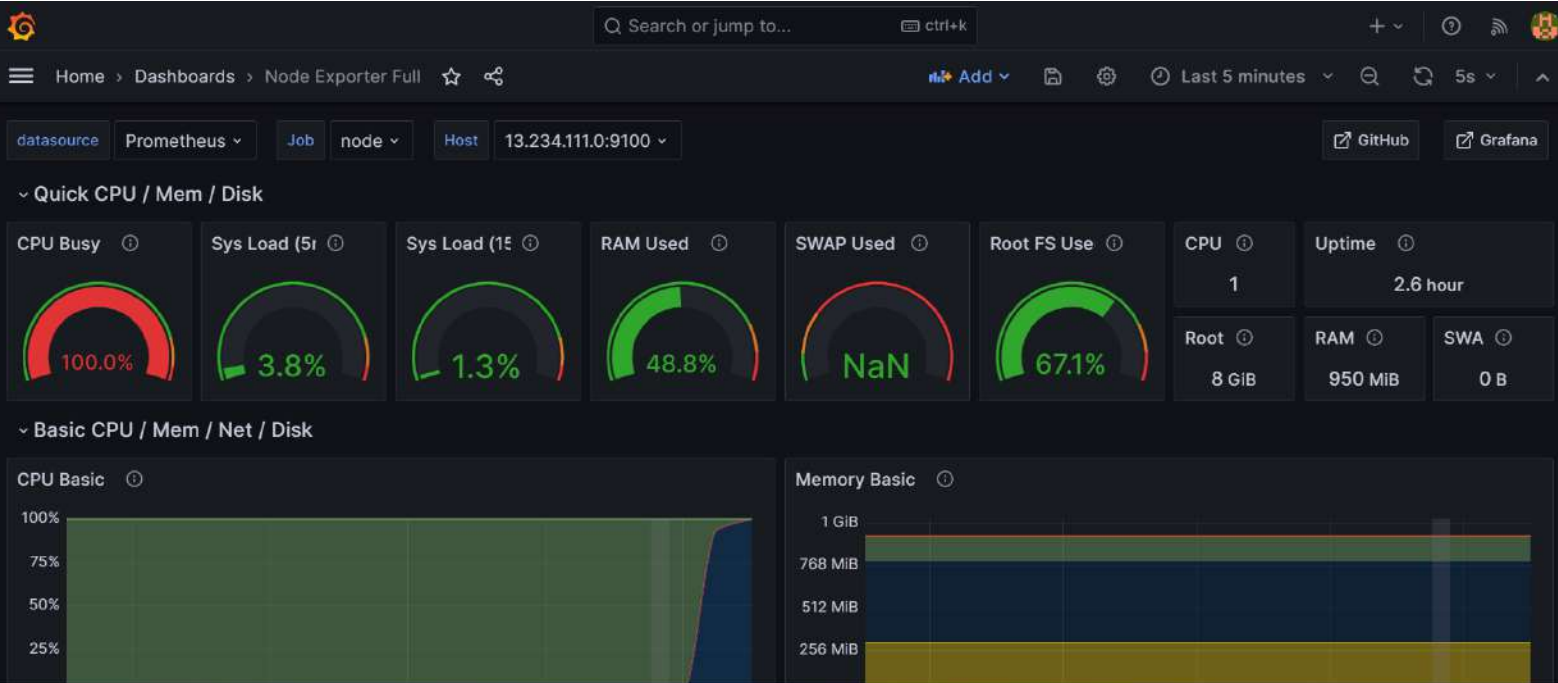
Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-45-130:~$ stress --cpu 1 --timeout 30
stress: info: [4504] dispatching hogs: 1 cpu, 0 io, 0 vm, 0 hdd
stress: info: [4504] successful run completed in 30s
ubuntu@ip-172-31-45-130:~$ stress --cpu 1 --timeout 30
stress: info: [4515] dispatching hogs: 1 cpu, 0 io, 0 vm, 0 hdd
stress: info: [4515] successful run completed in 30s
ubuntu@ip-172-31-45-130:~$
```





99+

Mail

Chat

Meet

Gmail

Compose

Inbox

2,462

Starred

Snoozed

Sent

Spam

52

More

Labels

+

[Imap]/Drafts

[Imap]/Trash

More

Search in mail

3 of 7,679

Grafana

<narendiran385@gmail.com>

to me

4:10 PM (35 minutes ago)

Grafana

project

project-react

2 firing instances

Firing

project-react

View alert

Values

A=7789.03 B=7789.03 C=1