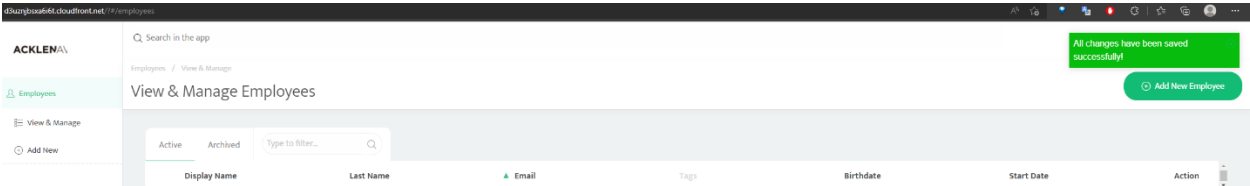
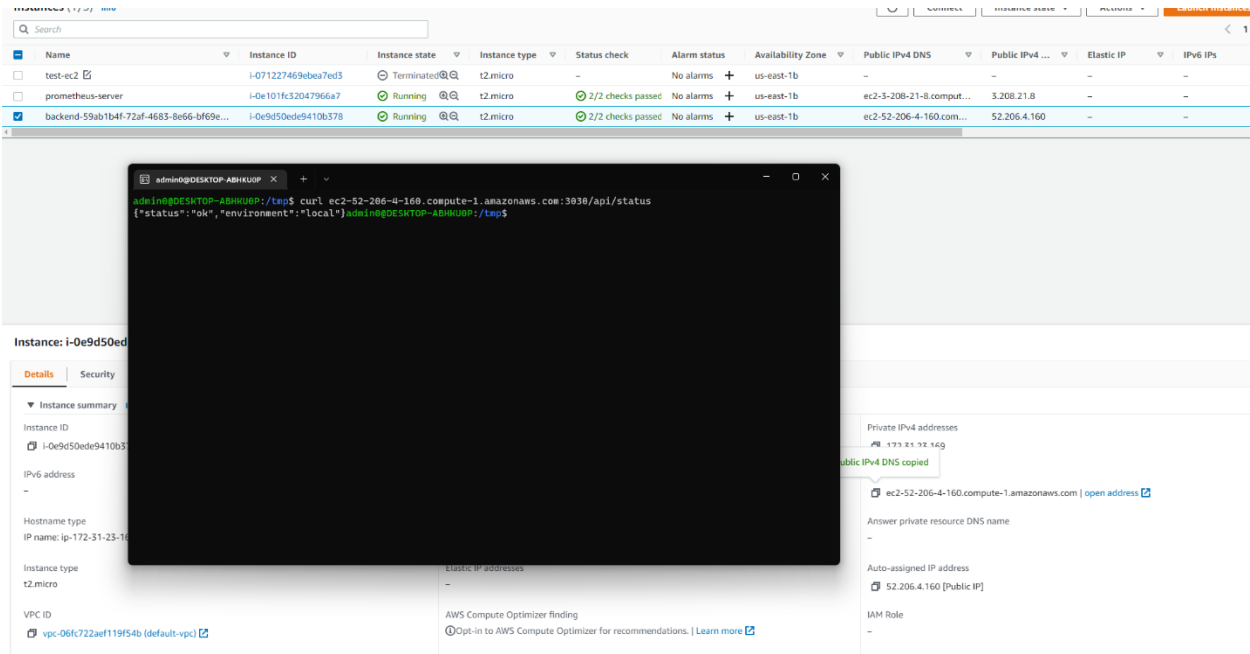


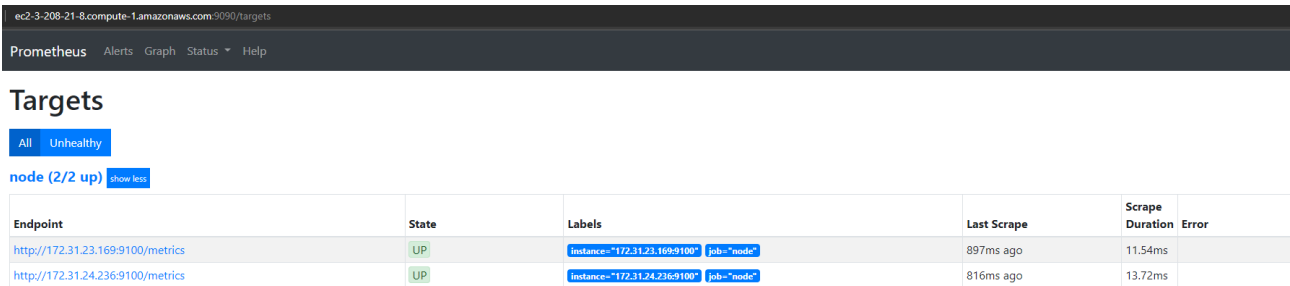
- 1. URL01
 - <https://github.com/18120211/devops-udacity-project3>
- 2. URL02
 - <https://udapeople-3732c012-dad8-45d1-baff-114bcb449d4d.s3.amazonaws.com/index.html>
- 3. URL03_SCREENSHOT.png



4. URL04_SCREENSHOT.png



5. URL05_SCREENSHOT.png




6. SCREENSHOT01.png

The screenshot displays a GitHub Actions workflow run interface. On the left is a dark sidebar with the user profile '18120211 V6 Thế Minh' and navigation links: Dashboard, Projects, Insights, Organization Settings, and Plan. A message states 'Can't find an organization? Check permissions and update access to the ones you want.' Below this are links for Notifications, Status (OPERATIONAL), Docs, Orbs, and Support.

The main area shows the workflow steps: 'Preparing environment variables', 'Checkout code', and 'Restoring cache', all marked with green checkmarks. The 'Back-end build' step is expanded and highlighted in red, indicating a failure. The terminal output for this step shows the following commands and errors:

```
28 run 'npm audit fix' to fix them, or 'npm audit' for details
29
30 > glee201.0.0 build /home/circleci/project/backend
31 > tsc
32
33 src/main.ts:31:21 - error TS1005: ',' expected.
34
35 31   .addBearerAuth()x // here is an intentional compile error. Remove the "x" and the backend should compile.
36   ~
37
38 src/main.ts:32:5 - error TS1128: Declaration or statement expected.
39
40 32   .build();
41   ~
42
43 Found 2 errors.
44
45 npm ERR! code ELIFECYCLE
46 npm ERR! errno 2
47 npm ERR! glee201.0.0 build: `tsc`
48 npm ERR! Exit status 2
49 npm ERR!
50 npm ERR! Failed at the glee201.0.0 build script.
51 npm ERR! This is probably not a problem with npm. There is likely additional logging output above.
52
53 npm ERR! A complete log of this run can be found in:
54 npm ERR! /home/circleci/.npm/_logs/2022-04-24T18_25_38_3662-debug.log
55
56 Exited with code exit status 2
57
58 CircleCI received exit code 2
```

7. SCREENSHOT02.png



18120211

Vũ Thế Minh

Dashboard

Projects

Insights

Organization Settings

Plan

Can't find an organization?

Check permissions and update access to the ones you want.

Notifications

Status OPERATIONAL

Docs

Orbs

Support

Spin up environment

Preparing environment variables


Checkout code

Restoring cache

Back-end test

```
259 | Number of calls: 1
260 |
261 |     33 |
262 |     34 | // Assert
263 | > 35 | expect(employeeRepository.findById).toBeCalledWith(100);
264 |     |
265 |     36 | expect(employeeRepository.save).toBeCalled();
266 |     37 | });
267 |     38 | });
268 |
269 | at src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts:35:43
270 | at fulfilled (src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts:5:58)
271 |
272 |
273 | Test Suites: 1 failed, 50 passed, 51 total
274 | Tests:      1 failed, 78 passed, 79 total
275 | Snapshots:  0 total
276 | Time:       32.695s
277 | Ran all test suites.
278 | npm ERR! code ELIFECYCLE
279 | npm ERR! errno 1
280 | npm ERR! glee2@1.0.0 test: `jest --runInBand`
281 | npm ERR! Exit status 1
282 | npm ERR!
283 | npm ERR! Failed at the glee2@1.0.0 test script.
284 | npm ERR! This is probably not a problem with npm. There is likely additional logging output above.
285 |
286 | npm ERR! A complete log of this run can be found in:
287 | npm ERR! /home/circleci/.npm/_logs/2022-04-24T18_37_30_8492-debug.log
288 |
289 |
290 | Exited with code exit status 1
291 | CircleCI received exit code 1
```

8. SCREENSHOT03.png



18120211

Võ Thế Minh

Dashboard

Projects

Insights

Organization Settings

Plan

Can't find an organization?

Check permissions and update access to the ones you want.

Notifications

Status OPERATIONAL

Docs

Orbs

Support

Restoring cache

Front-end scan

Your output is too large to display in the browser.

Only the last 400000 characters are displayed.

Download the full output as a file

>>80

Information to an Unauthorized Actor

5581

5582

Package

node-fetch

5583

5584

Patched in

>=2.6.7

5585

5586

Dependency of

react-foundation

5587

5588

Path

react-foundation > fbjs > isomorphic-fetch > node-fetch

5589

5590

More info

<https://github.com/advisories/GHSA-r683-j2x4-v87g>

5591

5592

5593

Low

The 'size' option isn't honored after following a redirect in node-fetch

5594

5595

5596

Package

node-fetch

5597

5598

Patched in

>=2.6.1

5599

5600

Dependency of

react-foundation

5601

5602

Path

react-foundation > fbjs > isomorphic-fetch > node-fetch

5603

5604

More info

<https://github.com/advisories/GHSA-w7rc-rwvf-8q5r>

5605

5606

found 654 vulnerabilities (5 low, 216 moderate, 302 high, 131 critical) in 1896 scanned packages

5607

run 'npm audit fix' to fix 484 of them.

5608

168 vulnerabilities require semver-major dependency updates.

5609

2 vulnerabilities require manual review. See the full report for details.

5610


5611

Exited with code exit status 1

5612

CircleCI received exit code 1

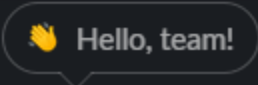
9. SCREENSHOT04.png



Udacity-Projects APP 3:12 PM

Backend SUCCESS build in 104 of devops-udacity-project3 (main) -: Fixed at 13077468310747cafd4982d0b4e8ed1f4109c88e

Frontend FAIL build in 105 of devops-udacity-project3 (main) -: Fail at 13077468310747cafd4982d0b4e8ed1f4109c88e



First order of business...

×

10. SCREENSHOT05.png

18120211

Võ Thế Minh

Dashboard

Projects

Insights

Organization Settings

Plan

Can't find an organization?

Check permissions and update access to the ones you want.

Dashboard

Project

Branch

Workflow

Job

All Pipelines

devops-udacity-project3

main

default

deploy-infrastructure (139)

deploy-infrastructure

Failed

Duration / Finished

Queued

Executor / Resource Class

Branch

Commit

Author & Message

15s / 3m ago

0s

Docker / Large

main

0db9a7b

update docker images

STEPS

TESTS

TIMING

BETA

ARTIFACTS

RESOURCES

NEW

Spin up environment

Preparing environment variables

Checkout code

Ensure back-end infrastructure exists

```
1 #!/bin/bash -eo pipefail
2 aws cloudformation deploy \
3   --template-file .circleci/files/backend.yml \
4   --tags project=udacity-project3 \
5   --stack-name "udacity-project3-backend" \
6   --parameter-overrides ID=${CIRCLE_WORKFLOW_ID}
7
8 An error occurred (ValidationError) when calling the CreateChangeSet operation: Template format error: Unrecognized resource types: [AWS::EC2::SecurityGroups]
9
10 Exited with code exit status 255
11 CircleCI received exit code 255
12
```

11. SCREENSHOT06.png

18120211

Võ Thế Minh

Dashboard

Projects

Insights

Organization Settings

Plan

Can't find an organization?

Check permissions and update access to the ones you want.

Dashboard

Project

Branch

Workflow

Job

All Pipelines

devops-udacity-project3

develop

default

Backend smoke test (1)

Backend smoke test

Failed

Duration / Finished

Queued

Executor / Resource Class

Branch

Commit

Author & Message

19s / 21s ago

0s

Docker / Large

develop

b279352

sc06

STEPS

TESTS

TIMING

BETA

ARTIFACTS

RESOURCES

NEW

Spin up environment


Preparing environment variables

Checkout code

Backend smoke test.

```
1 #!/bin/bash -eo pipefail
2 export BACKEND_URI=$(aws ec2 describe-instances --filters "Name=tag:Name,Values=backend-${CIRCLE_WORKFLOW_ID}"
3   --query 'Reservations[*].Instances[0].PublicIpAddress' --output text):3030/api/status
4 echo "----- Backend url -----"
5 echo $BACKEND_URL
6 if curl $BACKEND_URL | grep "ok"
7 then
8   exit 1
9 else
10   exit 1
11 fi
12
13 ----- Backend url -----
14 *****
15 % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
16      Dload  Upload    Total   Spent    Left  Speed
17 100    37  100    37    0     0  11690      0 --:--:-- --:--:-- --:--:-- 12333
18 {"status":"ok","environment":"local"}
19
20 Exited with code exit status 1
21 CircleCI received exit code 1
```

12. SCREENSHOT07.png

**18120211**
Võ Thế Minh

Dashboard

Projects

Insights

Organization Settings

Plan

Can't find an organization?

[Check permissions and update access to the ones you want.](#)

Notifications

Status OPERATIONAL

Docs

Orbs

Support

1

#!/bin/bash -eo pipefail

2

export FRONTEND_URL="http://udapeople-\${CIRCLE_WORKFLOW_ID}.s3-website-us-east-1.amazonaws.com/index.html"

3

export FRONTEND_URL="https://udapeople-6bf69038-743f-46ee-a32b-847a0af996a5.s3.amazonaws.com/index.html"

4

echo "----- Frontend url -----"

5

echo \$FRONTEND_URL

6

if curl \$FRONTEND_URL | grep "Welcome"

7

then

8

exit 0

9

else

10

exit 1

11

fi

12

13

----- Frontend url -----

14

https://udapeople-6bf69038-743f-46ee-a32b-847a0af996a5.s3.amazonaws.com/index.html

15

% Total % Received % Xferd Average Speed Time Time Time Current

16

Dload Upload Total Spent Left Speed

17

100 243 0 243 0 0 2502 0 --:--:-- --:--:-- --:--:-- 2505


18

19

Exited with code exit status 1

20

CircleCI received exit code 1

▼  Destroy environments

1

#!/bin/bash -eo pipefail

2

aws s3 rb "s3://udapeople-\${CIRCLE_WORKFLOW_ID}" --force

3

aws cloudformation delete-stack --stack-name "udapeople-frontend-\${CIRCLE_WORKFLOW_ID}"

4

aws cloudformation delete-stack --stack-name "udapeople-backend-\${CIRCLE_WORKFLOW_ID}"

5

6

delete: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/224b6d9d16679dab02826a2a7ea705eb.ttf

7

delete: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/1ceff9123b66b50a7d3cb5b221160855.eot

8

delete: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/index.html

9

delete: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/7d234c755f55c47d2c5a.js

10

delete: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/bundle.js

11

delete: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/images/6ab15f4239b7d187935cf6f4ec3313bf-kiwi.svg

12

delete: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/bf2256d01e8706ab5646.js

13


delete: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/2fa692cd55bfc83c228c0ab271e4388c.woff

14

remove_bucket: udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05

15

CircleCI received exit code 0

▼  Revert migrations

1

#!/bin/bash -eo pipefail

2

aws s3 cp "s3://udapeople-\${CIRCLE_WORKFLOW_ID}" --force

3

aws cloudformation create-stack --stack-name "udapeople-frontend-\${CIRCLE_WORKFLOW_ID}"

4

aws cloudformation create-stack --stack-name "udapeople-backend-\${CIRCLE_WORKFLOW_ID}"

5

6

create: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/224b6d9d16679dab02826a2a7ea705eb.ttf

7

create: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/1ceff9123b66b50a7d3cb5b221160855.eot

8

create: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/index.html

9

create: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/7d234c755f55c47d2c5a.js

10

create: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/bundle.js

11

create: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/images/6ab15f4239b7d187935cf6f4ec3313bf-kiwi.svg

12

create: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/bf2256d01e8706ab5646.js

13

create: s3://udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05/2fa692cd55bfc83c228c0ab271e4388c.woff


14

create_bucket: udapeople-978dd232-2bed-45d9-865a-ea393c1eeb05

15

CircleCI received exit code 0

13. SCREENSHOT08.png

**18120211**
Vũ Thế Minh

Dashboard

Projects

Insights

Organization Settings

Plan

Can't find an organization?

[Check permissions](#) and update access to the ones you want.

Notifications

Status OPERATIONAL

Docs

Orbs

Support

DashboardProjectBranchWorkflowJob

All Pipelines > devops-udacity-project3 > main > default > cloudfront-update (391)

cloudfront-update

Success

Duration / Finished

Queued

Executor / Resource Class

Branch

Commit

Author & Message

3m 27s / 7h ago

0s

Docker / Large

main

164fe1a

fix

STEPS

TESTS

TIMING

BETA

ARTIFACTS

RESOURCES

NEW

Spin up environment


Preparing environment variables

Checkout code

Update cloudfront distribution

```
1#!/bin/bash -eo pipefail
2aws cloudformation deploy \
3  --template-file .circleci/files/cloudfront.yml \
4  --tags project=udacity-project3 \
5  --stack-name udapeople-cloudfront-${CIRCLE_WORKFLOW_ID} \
6  --parameter-overrides WorkflowID=${CIRCLE_WORKFLOW_ID}
7
8
9Waiting for changeset to be created..
10Waiting for stack create/update to complete
11Successfully created/updated stack - udapeople-cloudfront-E738e3ad-1cc4-4dc4-b4ae-d52a47f0245e
12CircleCI received exit code 0
```

14. SCREENSHOT09.png

**18120211**
Võ Thế Minh

Dashboard

Projects

Insights

Organization Settings

Plan

Can't find an organization?

Check permissions and update access to the ones you want.

Notifications

Status OPERATIONAL

Docs

Orbs

Support

Spin up environment

Preparing environment variables

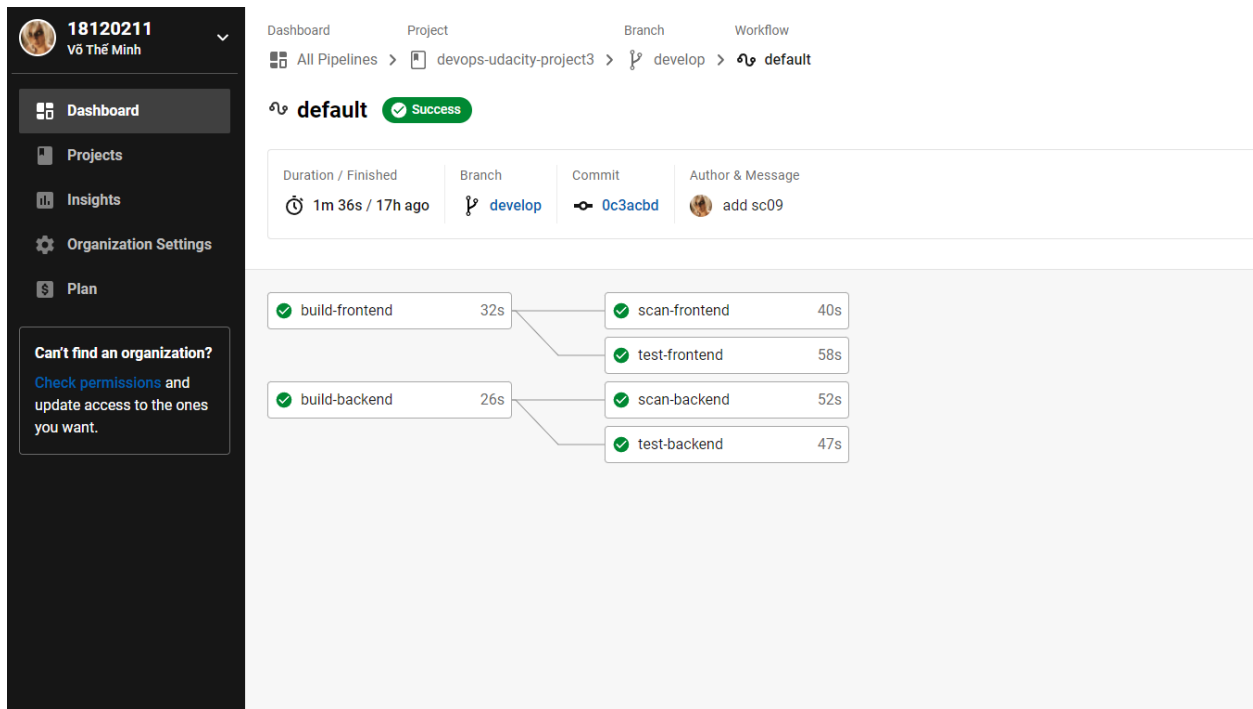
Checkout code

Attaching workspace

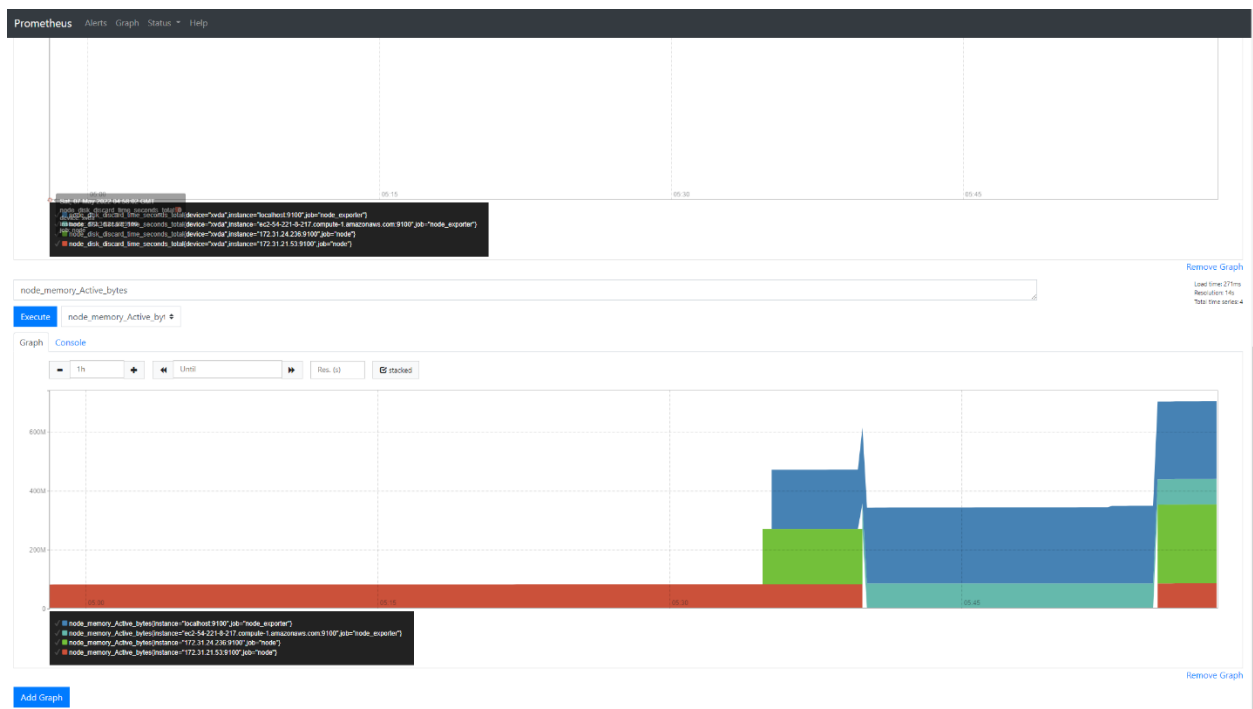
Remove old stacks and files

```
1  #!/bin/bash -eo pipefail
2  echo "----- OLD workflow id -----"
3  export OldWorkflowID=$(cat ~/old_workflow_id.txt)
4  echo ${OldWorkflowID}
5  echo "----- CURRENT workflow id -----"
6  echo ${CIRCLE_WORKFLOW_ID}
7
8  if [[ "${CIRCLE_WORKFLOW_ID}" != "${OldWorkflowID}" ]]
9  then
10     echo "----- OH YEAH -----"
11     aws s3 rb "s3://udapeople-${OldWorkflowID}" --force
12     aws cloudformation delete-stack --stack-name "udapeople-frontend-${OldWorkflowID}"
13     aws cloudformation delete-stack --stack-name "udapeople-backend-${OldWorkflowID}"
14 fi
15
16 ----- OLD workflow id -----
17 b8f1016f-f3d1-49b3-b3d1-55ab11826a5
18 ----- CURRENT workflow id -----
19 885ca49b-6bba-44d8-a26e-8c35aed3a8ab
20 ----- OH YEAH -----
21 delete: s3://udapeople-b8f1016f-f3d1-49b3-b3d1-55ab11826a5/index.html
22 delete: s3://udapeople-b8f1016f-f3d1-49b3-b3d1-55ab11826a5/e2405133cb27a5edc4c0.js
23 delete: s3://udapeople-b8f1016f-f3d1-49b3-b3d1-55ab11826a5/2fa692cd55bfc83c228c0ab271e4388c.woff
24 delete: s3://udapeople-b8f1016f-f3d1-49b3-b3d1-55ab11826a5/1ceff9123b66b50a7d3cb5b221160855.eot
25 delete: s3://udapeople-b8f1016f-f3d1-49b3-b3d1-55ab11826a5/224b6d9d16679dab02826a2a7ea705eb.ttf
26 delete: s3://udapeople-b8f1016f-f3d1-49b3-b3d1-55ab11826a5/bundle.js
27 delete: s3://udapeople-b8f1016f-f3d1-49b3-b3d1-55ab11826a5/images/6ab15f4239b7d187935cf6f4ec3313bf-kiwi.svg
28 delete: s3://udapeople-b8f1016f-f3d1-49b3-b3d1-55ab11826a5/7d234c755f55c47d2c5a.js
29 remove_bucket: udapeople-b8f1016f-f3d1-49b3-b3d1-55ab11826a5
30 CircleCI received exit code 0
```


15. SCREENSHOT10.png



16. SCREENSHOT11.png



17. SCREENSHOT12.png

[FIRING:1] (InstanceDown 172.31.21.53:9100 node critical) [Hộp thư đến x](#)



minhthetotemp@gmail.com
tôi tôi

1 alert for

[View in AlertManager](#)

[1] Firing

Labels

alername = InstanceDown
instance = [172.31.21.53:9100](#)
job = node
severity = critical

Annotations

description = of job has been down for more than 1 minutes.
summary = Instance is down
[Source](#)

[Sent by AlertManager](#)

[↶](#) Trả lời

[➡](#) Chuyển tiếp