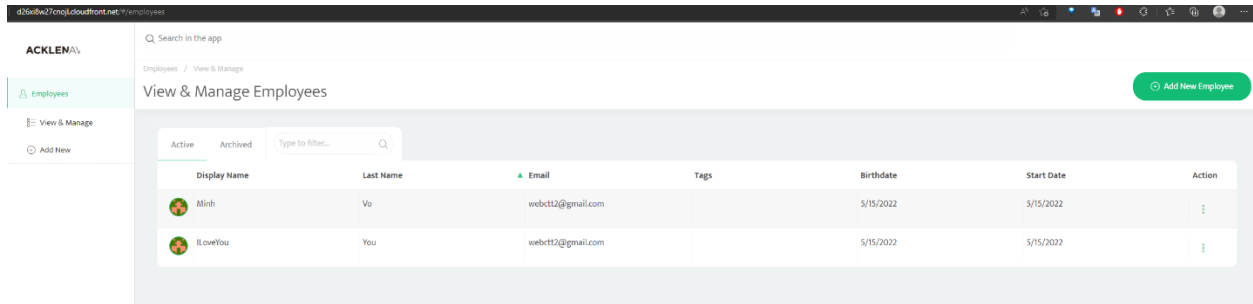
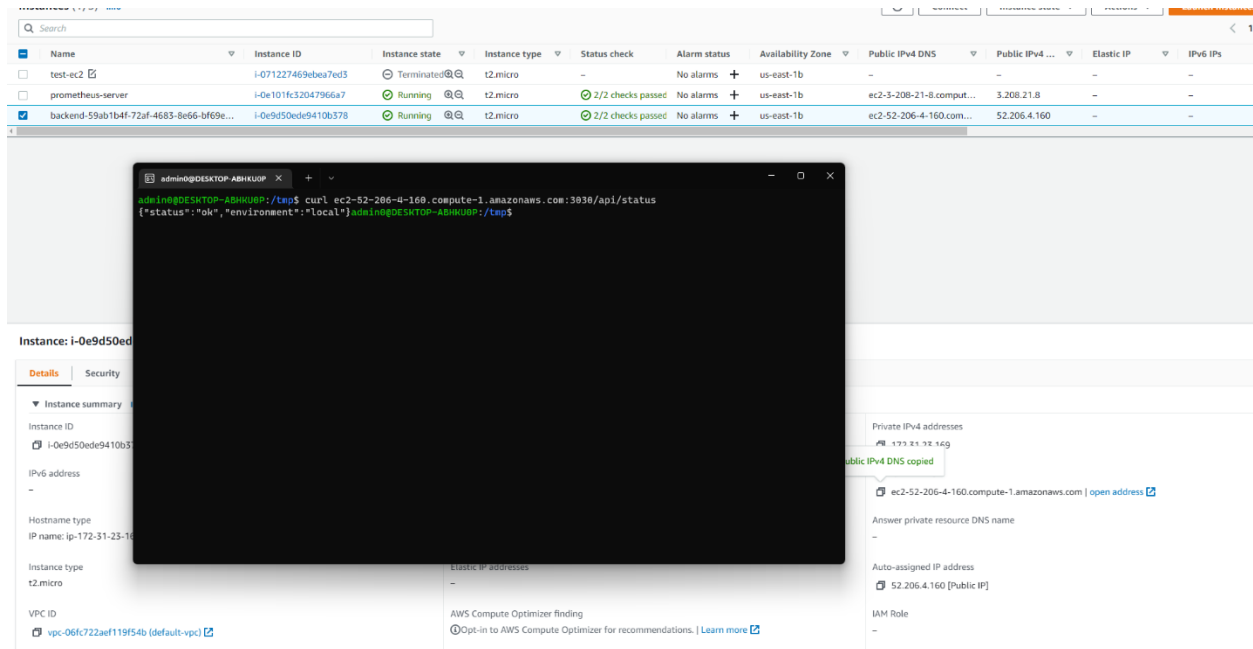


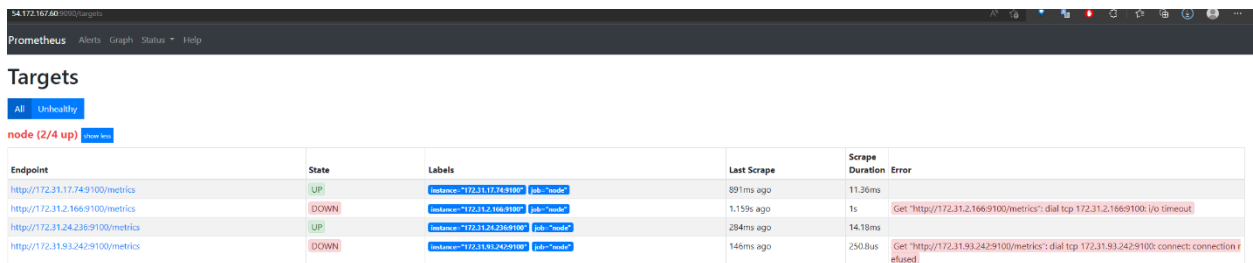
1. URL01
 - <https://github.com/18120211/devops-udacity-project3>
2. URL02
 - S3 <https://udapeople-be78f425-a8e2-4170-b5d3-a49ad9095bbd.s3.amazonaws.com/index.html>
 - CloudFront: d26xi8w27cnoj1.cloudfront.net
3. URL03_SCREENSHOT.png



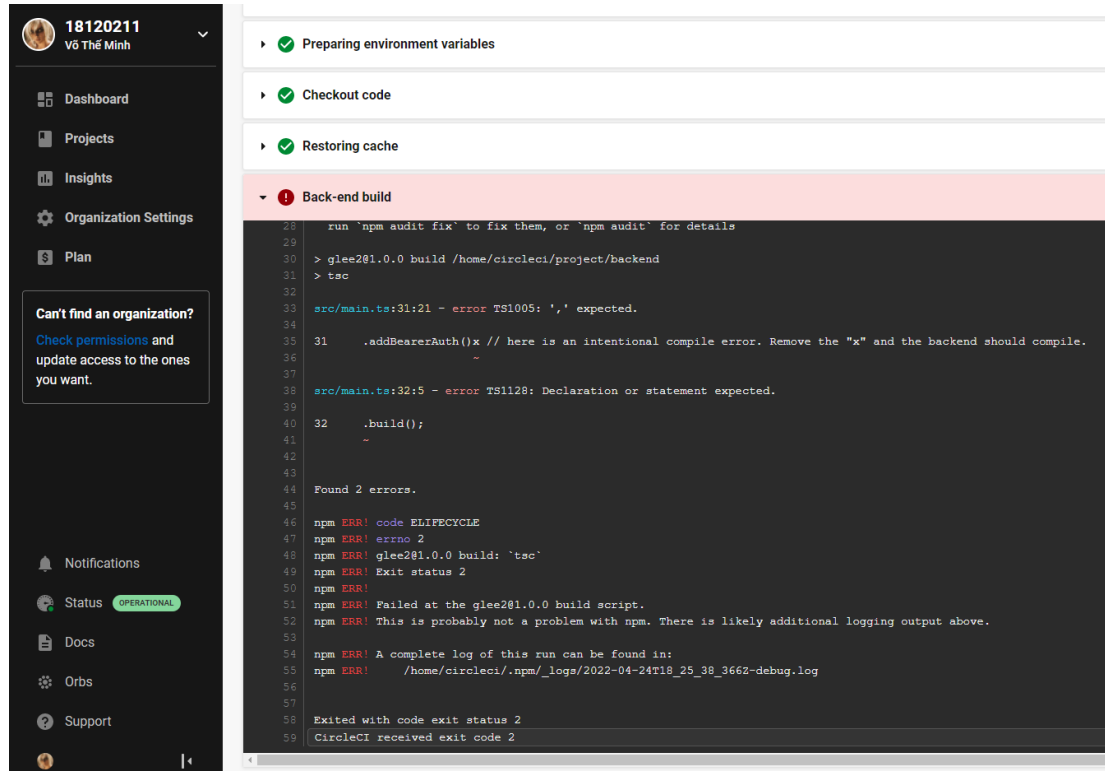
4. URL04_SCREENSHOT.png




5. URL05_SCREENSHOT.png



6. SCREENSHOT01.png



7. SCREENSHOT02.png



18120211

Vũ Thế Minh

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Can't find an organization?

Check permissions and update access to the ones you want.

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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      Exited with code exit status 1
290      CircleCI received exit code 1
291
```

8. SCREENSHOT03.png

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Dashboard

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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

```

5580 | | 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
5594 | | in node-fetch
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

Hello, team!

First order of business...

×

10. SCREENSHOT05.png

18120211

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Dashboard

Projects

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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
2aws 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
8An error occurred (ValidationError) when calling the CreateChangeSet operation: Template format error: Unrecognized resource types: [AWS::EC2::SecurityGroups]
9
10Exited with code exit status 255
11CircleCI received exit code 255
```

11. SCREENSHOT06.png

18120211

Võ Thế Minh

Dashboard

Projects

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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
2export 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
4echo "----- Backend url -----"
5echo $BACKEND_URL
6if curl $BACKEND_URL | grep "ok"
7then
8    exit 1
9else
10    exit 1
11fi
12
13----- Backend url -----
14*****
15% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
16             Dload  Upload    Total   Spent    Left   Speed
17100    37  100    37    0     0    11690      0 --:--:-- --:--:-- --:--:-- 12333
18{"status":"ok","environment":"local"}
19
20Exited with code exit status 1
21CircleCI received exit code 1
```

12. SCREENSHOT07.png

**18120211**
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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

12

```
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 % Total % Received % Xferd Average Speed Time Time Time Current
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 # ...
```

13. SCREENSHOT08.png

**18120211**
Vũ Thế Minh

Dashboard

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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

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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

The screenshot displays a GitHub Actions workflow run for the 'default' workflow on the 'develop' branch. The workflow is successful, as indicated by the green checkmark and 'Success' status. The workflow consists of several steps: 'build-frontend' (32s), 'build-backend' (26s), 'scan-frontend' (40s), 'test-frontend' (58s), 'scan-backend' (52s), and 'test-backend' (47s). The workflow was triggered by a commit '0c3acbd' by user 'add sc09'.

Workflow Run Details:

- Workflow:** default
- Status:** Success
- Duration / Finished:** 1m 36s / 17h ago
- Branch:** develop
- Commit:** 0c3acbd
- Author & Message:** add sc09

Workflow Steps:

Step Name	Duration
build-frontend	32s
build-backend	26s
scan-frontend	40s
test-frontend	58s
scan-backend	52s
test-backend	47s

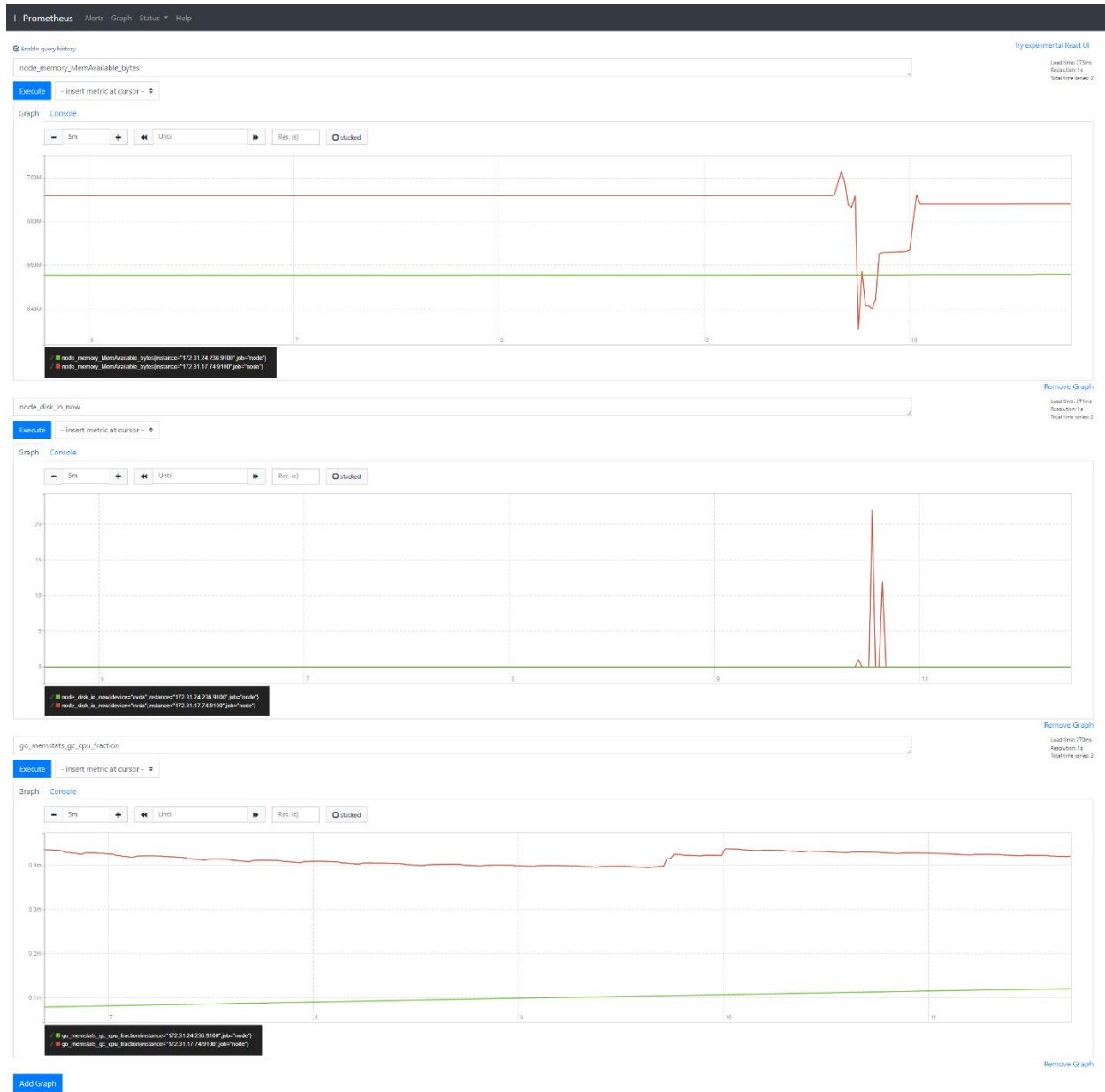
Left Sidebar:

- 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.

16. SCREENSHOT11.png



17. SCREENSHOT12.png

[FIRING:2] (InstanceDown node critical) [Hộp thư đến x](#)



minhthetotemp@gmail.com

2 alerts for View in AlertManager [2] Firing Labels alertname = InstanceDown instance = 172.31.2.166:9100 job = node severity = critical Annotations description



minhthetotemp@gmail.com

tôi tôi

🌐 Tiếng Anh > Tiếng Việt Dịch thư

3 alerts for

[View in AlertManager](#)

[3] Firing

Labels

alertname = InstanceDown
instance = [172.31.17.74:9100](#)

Labels

alertname = InstanceDown
instance = [172.31.2.166:9100](#)
job = node
severity = critical

Annotations

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

Labels

alertname = InstanceDown
instance = [172.31.93.242:9100](#)
job = node
severity = critical

Annotations

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

Sent by AlertManager