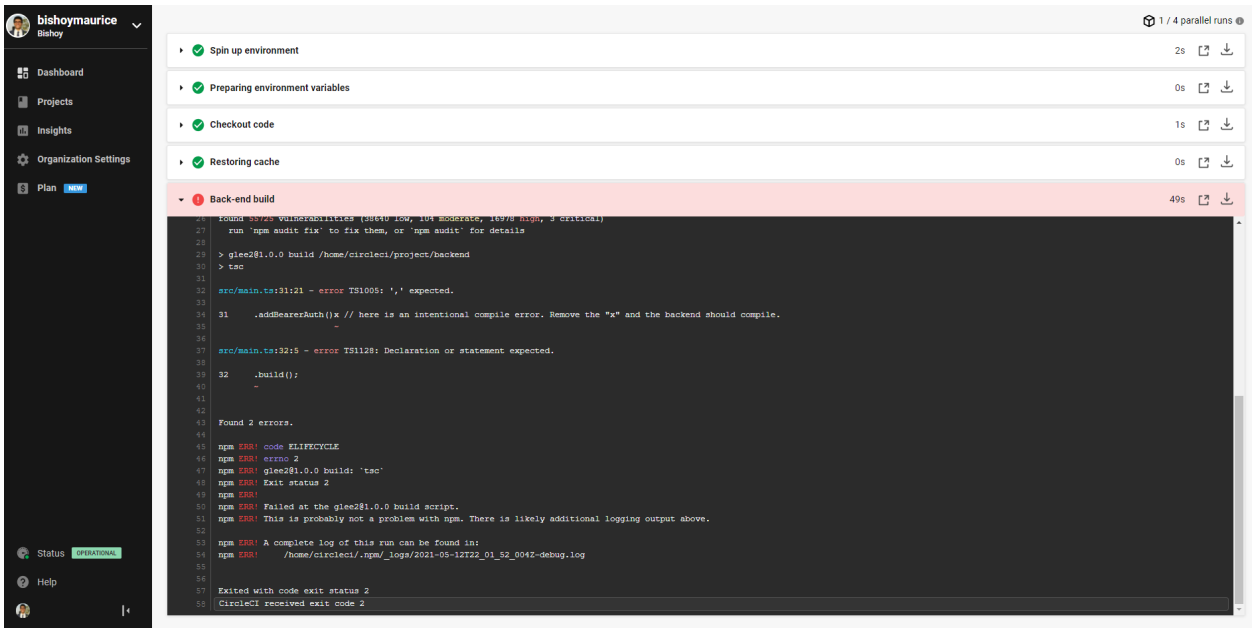
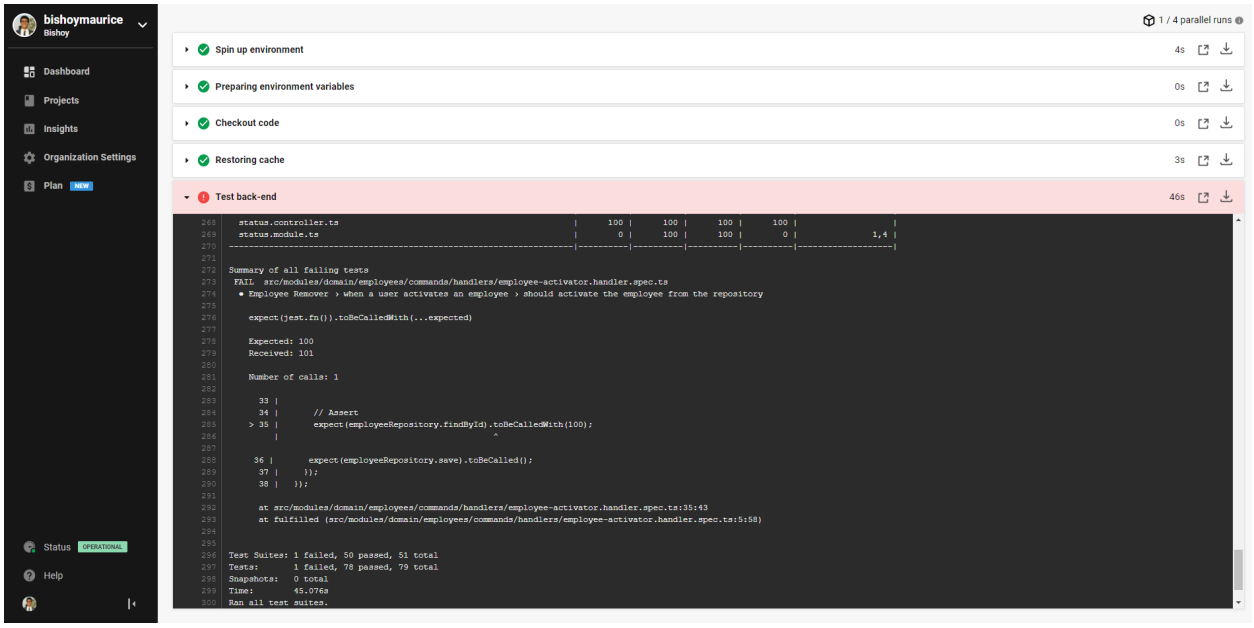
URLs:

1) https://github.com/bishoymaurice/cdond-c3-projectstarter
2) http://udapeople-hg528b4.s3-website-us-east-1.amazonaws.com/#/employees
3) http://d2ludn54dp9qgl.cloudfront.net/#/employees
4) http://ec2-54-221-10-97.compute-1.amazonaws.com:3030/api/status
5) http://100.26.35.162:9090/graph?g0.range_input=1h&g0.stacked=1&g0.expr=node_memory_Active_bytes&g0.tab=0&g1.range_input=1h&g1.stacked=1&g1.expr=node_cpu_seconds_total&g1.tab=0&g2.range_input=30m&g2.stacked=0&g2.expr=&g2.tab=0&g3.range_input=1h&g3.stacked=1&g3.expr=node_disk_io_now&g3.tab=0

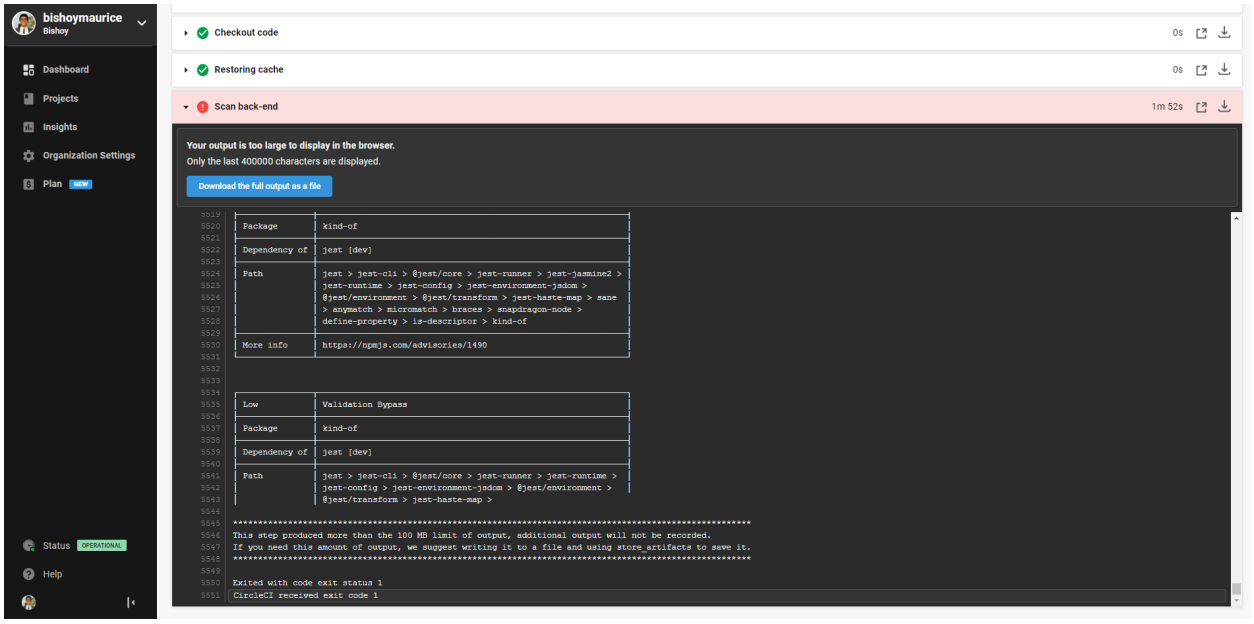
Screenshots:
1



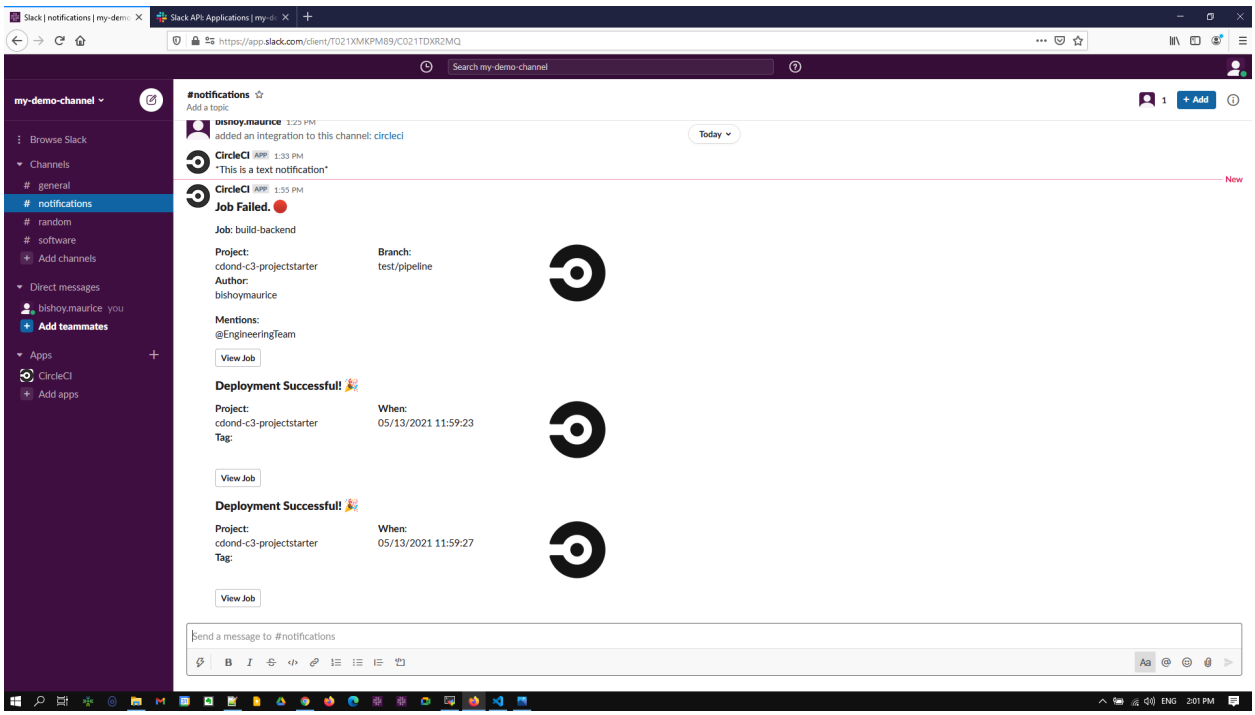
2


bishoymaurice
Bishoy
Dashboard
Projects
Insights
Organization Settings
Plan
NEW
Status
OPERATIONAL
Help
1 / 4 parallel runs
Spin up environment
4s
Preparing environment variables
0s
Checkout code
0s
Restoring cache
3s
Test back-end
46s
status.controller.ts | 100 | 100 | 100 | 100 |
status.module.ts | 0 | 100 | 100 | 0 | 1,4
Summary of all failing tests
FAIL src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts
• Employee Remover › when a user activates an employee › should activate the employee from the repository
expect(jest.fn()).toBeCalledWith(...expected)
Expected: 100
Received: 101
Number of calls: 1
> 35 | expect(employeeRepository.findById).toBeCalledWith(100);
36 | expect(employeeRepository.save).toBeCalled();
at src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts:35:43
at fulfilled (src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts:5:58)
Test Suites: 1 failed, 50 passed, 51 total
Tests: 1 failed, 78 passed, 79 total
Snapshots: 0 total
Time: 45.076s
Ran all test suites.

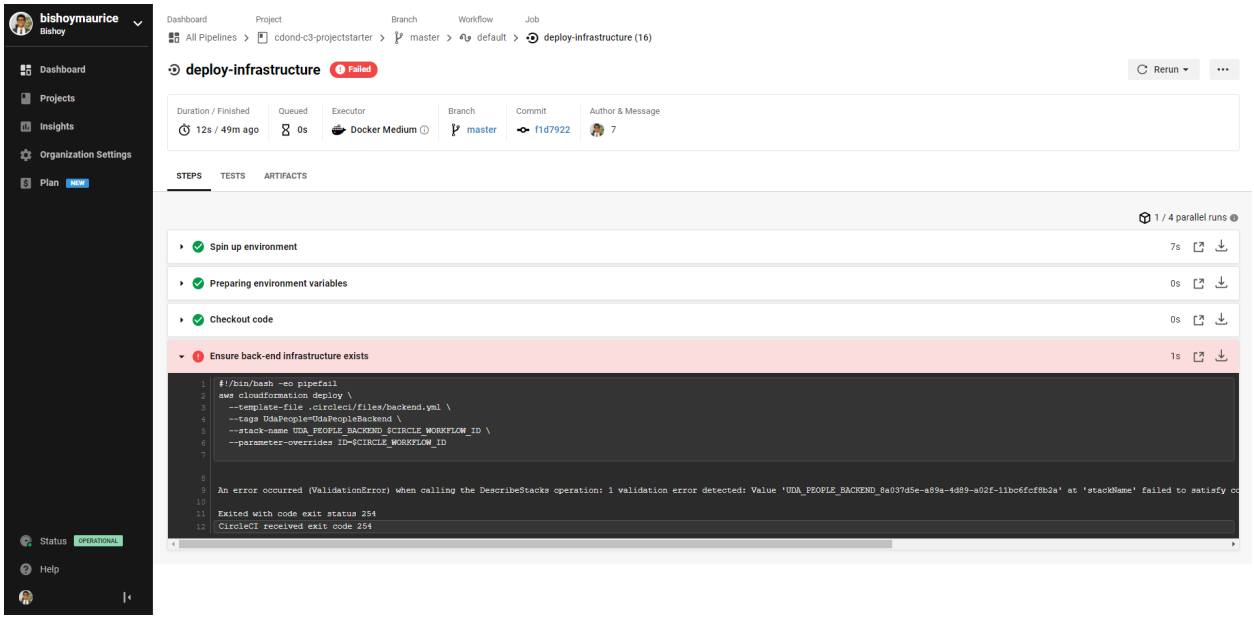
3

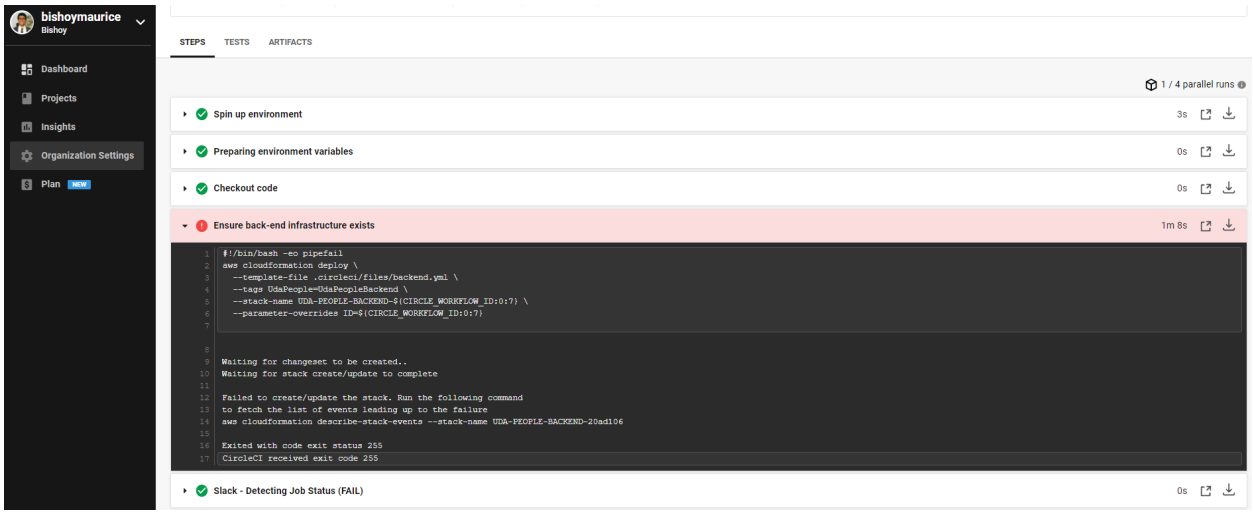

bishoymaurice
Bishoy
Dashboard
Projects
Insights
Organization Settings
Plan
NEW
Status
OPERATIONAL
Help
Checkout code
0s
Restoring cache
0s
Scan back-end
1m 52s
Your output is too large to display in the browser.
Only the last 400000 characters are displayed.
Download the full output as a file
Package
kind-of
Dependency of
jest [dev]
Path
jest > jest-cli > @jest/core > jest-runner > jest-jasmine2 > jest-runtime > jest-config > jest-environment-jsdom > @jest/environment > @jest/transform > jest-haste-map > sane > anymatch > micromatch > braces > snapdragon-node > define-property > is-descriptor > kind-of
More info
https://npmjs.com/advisories/1490
Low
Validation Bypass
Package
kind-of
Dependency of
jest [dev]
Path
jest > jest-cli > @jest/core > jest-runner > jest-runtime > jest-config > jest-environment-jsdom > @jest/environment > @jest/transform > jest-haste-map
This step produced more than the 100 MB limit of output, additional output will not be recorded.
If you need this amount of output, we suggest writing it to a file and using store_artifacts to save it.
Exited with code exit status 1
CircleCI received exit code 1

4

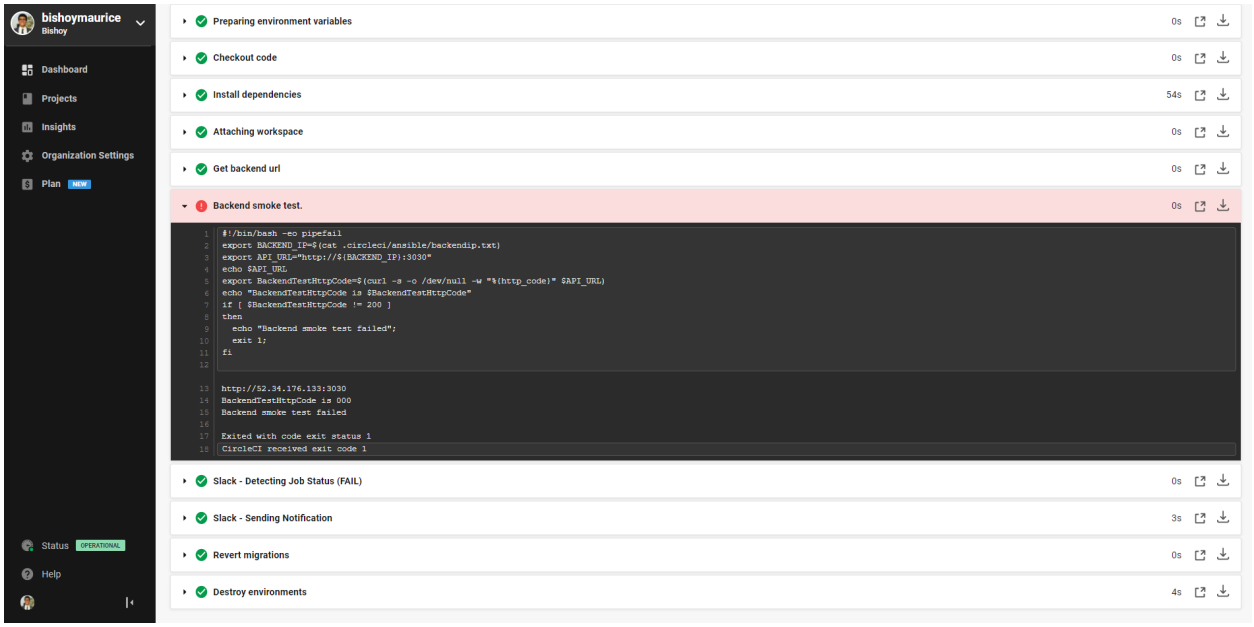

Search my-demo-channel
my-demo-channel
Browse Slack
Channels
general
notifications
random
software
Add channels
Direct messages
bishoy.maurice you
Add teammates
Apps
CircleCI
Add apps
#notifications
Add a topic
+ Add
added an integration to this channel: circleci
Today
CircleCI APP 1:33 PM
"This is a text notification"
New
CircleCI APP 1:55 PM
Job Failed.
Job: build-backend
Project:
cdond-c3-projectstarter
Branch:
test/pipeline
Author:
bishoymaurice
Mentions:
@EngineeringTeam
View Job
Deployment Successful!
Project:
cdond-c3-projectstarter
When:
05/13/2021 11:59:23
Tag:
View Job
Deployment Successful!
Project:
cdond-c3-projectstarter
When:
05/13/2021 11:59:27
Tag:
View Job
Send a message to #notifications

5

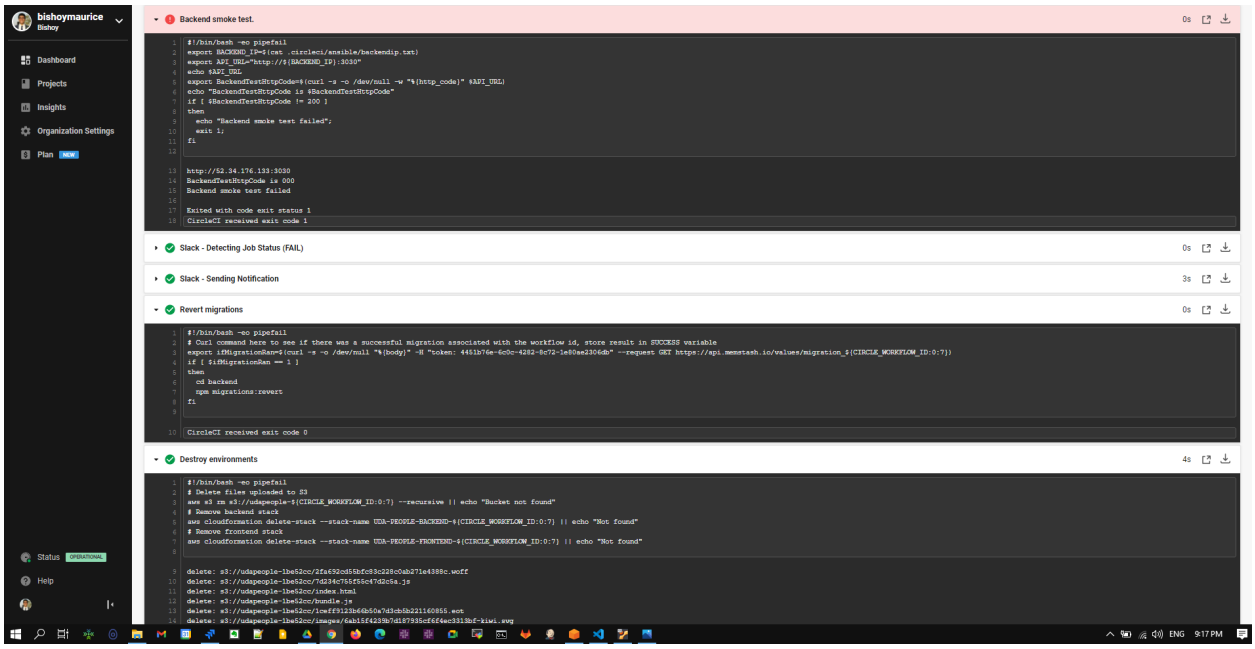

bishoymaurice
Bishoy
Dashboard
Projects
Insights
Organization Settings
Plan
NEW
Status
OPERATIONAL
Help
Dashboard
Project
Branch
Workflow
Job
All Pipelines
cdond-c3-projectstarter
master
default
deploy-infrastructure (16)
deploy-infrastructure
Failed
Rerun
Duration / Finished
12s / 49m ago
Queued
0s
Executor
Docker Medium
Branch
master
Commit
f1d7922
Author & Message
7
STEPS
TESTS
ARTIFACTS
1 / 4 parallel runs
Spin up environment
7s
Preparing environment variables
0s
Checkout code
0s
Ensure back-end infrastructure exists
1s
#!/bin/bash -eo pipefail
aws cloudformation deploy \
--template-file .circleci/files/backend.yml \
--tags UdaPeople=UdaPeopleBackend \
--stack-name UDA_PEOPLE_BACKEND_$CIRCLE_WORKFLOW_ID \
--parameter-overrides ID=$CIRCLE_WORKFLOW_ID
An error occurred (ValidationError) when calling the DescribeStacks operation: 1 validation error detected: Value 'UDA_PEOPLE_BACKEND_8a037d5e-a89a-4d89-a02f-11bc6fcf8b2a' at 'stackName' failed to satisfy co
Exited with code exit status 254
CircleCI received exit code 254


bishoymaurice
Bishoy
Dashboard
Projects
Insights
Organization Settings
Plan
NEW
STEPS
TESTS
ARTIFACTS
1 / 4 parallel runs
Spin up environment
3s
Preparing environment variables
0s
Checkout code
0s
Ensure back-end infrastructure exists
1m 8s
#!/bin/bash -eo pipefail
aws cloudformation deploy \
--template-file .circleci/files/backend.yml \
--tags UdaPeople=UdaPeopleBackend \
--stack-name UDA-PEOPLE-BACKEND-${CIRCLE_WORKFLOW_ID:0:7} \
--parameter-overrides ID=${CIRCLE_WORKFLOW_ID:0:7}
Waiting for changeset to be created..
Waiting for stack create/update to complete
Failed to create/update the stack. Run the following command
to fetch the list of events leading up to the failure
aws cloudformation describe-stack-events --stack-name UDA-PEOPLE-BACKEND-20ad106
Exited with code exit status 255
CircleCI received exit code 255
Slack - Detecting Job Status (FAIL)
0s

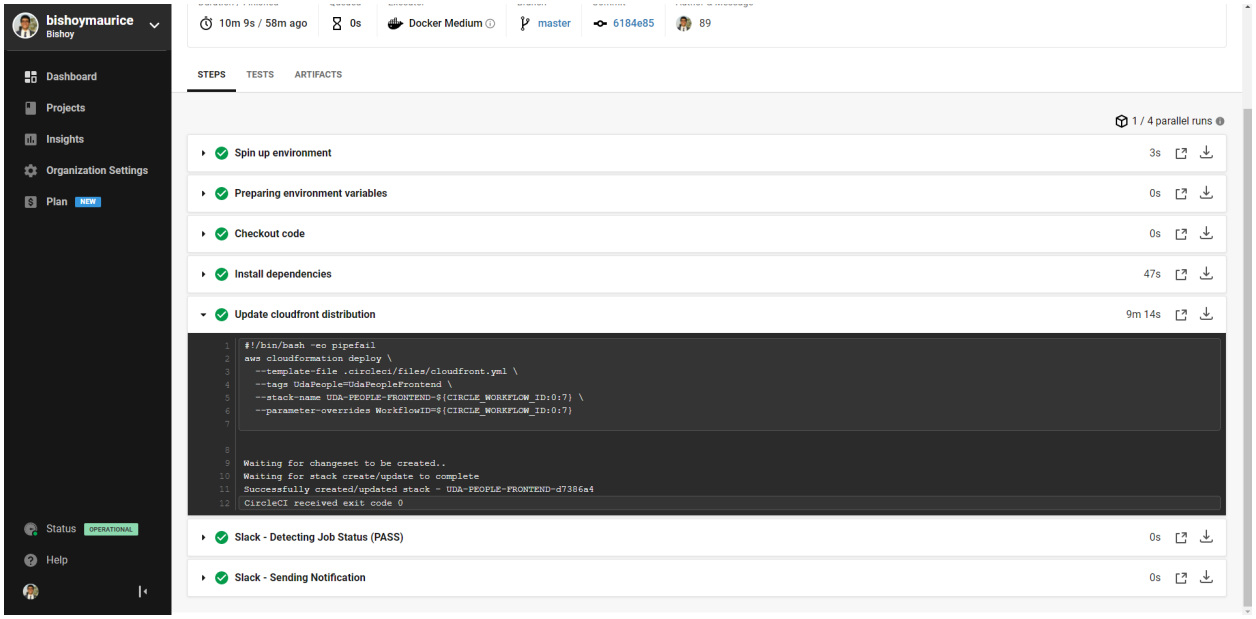
6


bishoymaurice
Bishoy
Dashboard
Projects
Insights
Organization Settings
Plan
NEW
Status
OPERATIONAL
Help
Preparing environment variables 0s
Checkout code 0s
Install dependencies 54s
Attaching workspace 0s
Get backend url 0s
Backend smoke test. 0s
#!/bin/bash -eo pipefail
export BACKEND_IP=$(cat .circleci/ansible/backendip.txt)
export API_URL="http://${BACKEND_IP}:3030"
echo $API_URL
export BackendTestHttpCode=$(curl -s -o /dev/null -w "%{http_code}" $API_URL)
echo "BackendTestHttpCode is $BackendTestHttpCode"
if [$BackendTestHttpCode != 200]
then
echo "Backend smoke test failed";
exit 1;
fi
http://52.34.176.133:3030
BackendTestHttpCode is 000
Backend smoke test failed
Exited with code exit status 1
CircleCI received exit code 1
Slack - Detecting Job Status (FAIL) 0s
Slack - Sending Notification 3s
Revert migrations 0s
Destroy environments 4s

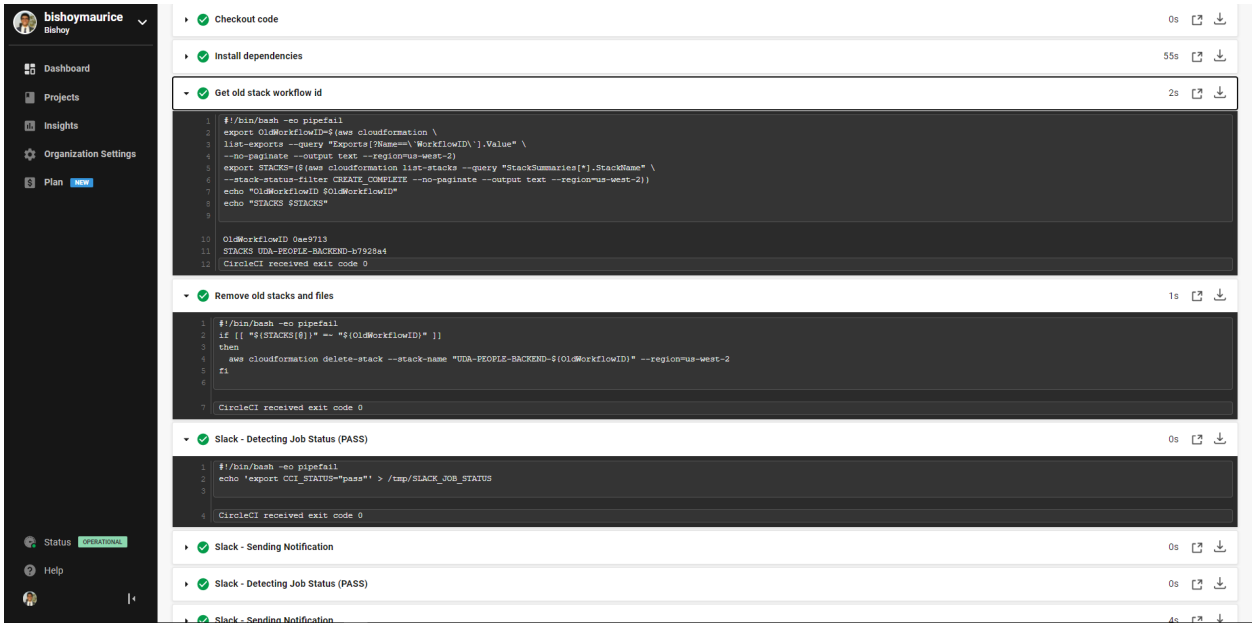
7


bishoymaurice
Bishoy
Dashboard
Projects
Insights
Organization Settings
Plan
NEW
Status
OPERATIONAL
Help
Backend smoke test. 0s
#!/bin/bash -eo pipefail
export BACKEND_IP=$(cat .circleci/ansible/backendip.txt)
export API_URL="http://${BACKEND_IP}:3030"
echo $API_URL
export BackendTestHttpCode=$(curl -s -o /dev/null -w "%{http_code}" $API_URL)
echo "BackendTestHttpCode is $BackendTestHttpCode"
if [$BackendTestHttpCode != 200]
then
echo "Backend smoke test failed";
exit 1;
fi
http://52.34.176.133:3030
BackendTestHttpCode is 000
Backend smoke test failed
Exited with code exit status 1
CircleCI received exit code 1
Slack - Detecting Job Status (FAIL) 0s
Slack - Sending Notification 3s
Revert migrations 0s
#!/bin/bash -eo pipefail
Curl command here to see if there was a successful migration associated with the workflow id, store result in SUCCESS variable
export ifMigrationRan=$(curl -s -o /dev/null "{body}" -H "token: 4451b76e-4c0c-4282-8c72-1e80ae2306db" --request GET https://api.memstash.io/values/migration_${CIRCLE_WORKFLOW_ID:0:7})
if [$ifMigrationRan == 1]
then
cd backend
npm migrations:revert
fi
CircleCI received exit code 0
Destroy environments 4s
#!/bin/bash -eo pipefail
Delete files uploaded to S3
aws s3 rm s3://udapeople-${CIRCLE_WORKFLOW_ID:0:7} --recursive || echo "Bucket not found"
Remove backend stack
aws cloudformation delete-stack --stack-name UDA-PEOPLE-BACKEND-${CIRCLE_WORKFLOW_ID:0:7} || echo "Not found"
Remove frontend stack
aws cloudformation delete-stack --stack-name UDA-PEOPLE-FRONTEND-${CIRCLE_WORKFLOW_ID:0:7} || echo "Not found"
delete: s3://udapeople-1be52cc/2fa692ad5bbfc83c228c0ab271e4388c.woff
delete: s3://udapeople-1be52cc/7d234c756f55c47d2c6a.js
delete: s3://udapeople-1be52cc/index.html
delete: s3://udapeople-1be52cc/bundle.js
delete: s3://udapeople-1be52cc/1cwff9123b66b50e7d3db5b221160855.eot
delete: s3://udapeople-1be52cc/images/6ab15f423b7d187935cf6f4ec3313bf-kiwi.svg
ENG 9:17 PM

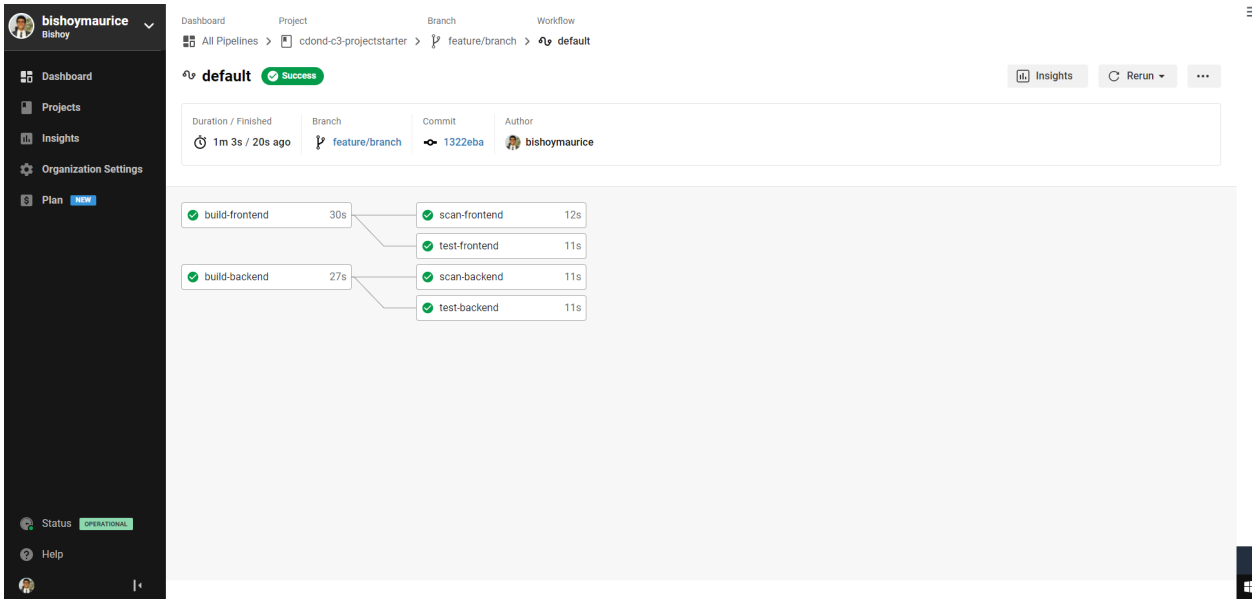
8


bishoymaurice
Bishoy
Dashboard
Projects
Insights
Organization Settings
Plan
NEW
Status
OPERATIONAL
Help
10m 9s / 58m ago
0s
Docker Medium
master
6184e85
89
STEPS
TESTS
ARTIFACTS
1 / 4 parallel runs
Spin up environment
3s
Preparing environment variables
0s
Checkout code
0s
Install dependencies
47s
Update cloudfront distribution
9m 14s
#!/bin/bash -eo pipefail
aws cloudformation deploy \
--template-file .circleci/files/cloudfront.yml \
--tags UdaPeople=UdaPeopleFrontend \
--stack-name UDA-PEOPLE-FRONTEND-${CIRCLE_WORKFLOW_ID:0:7} \
--parameter-overrides WorkflowID=${CIRCLE_WORKFLOW_ID:0:7}
Waiting for changeset to be created..
Waiting for stack create/update to complete
Successfully created/updated stack - UDA-PEOPLE-FRONTEND-d7386a4
CircleCI received exit code 0
Slack - Detecting Job Status (PASS)
0s
Slack - Sending Notification
0s

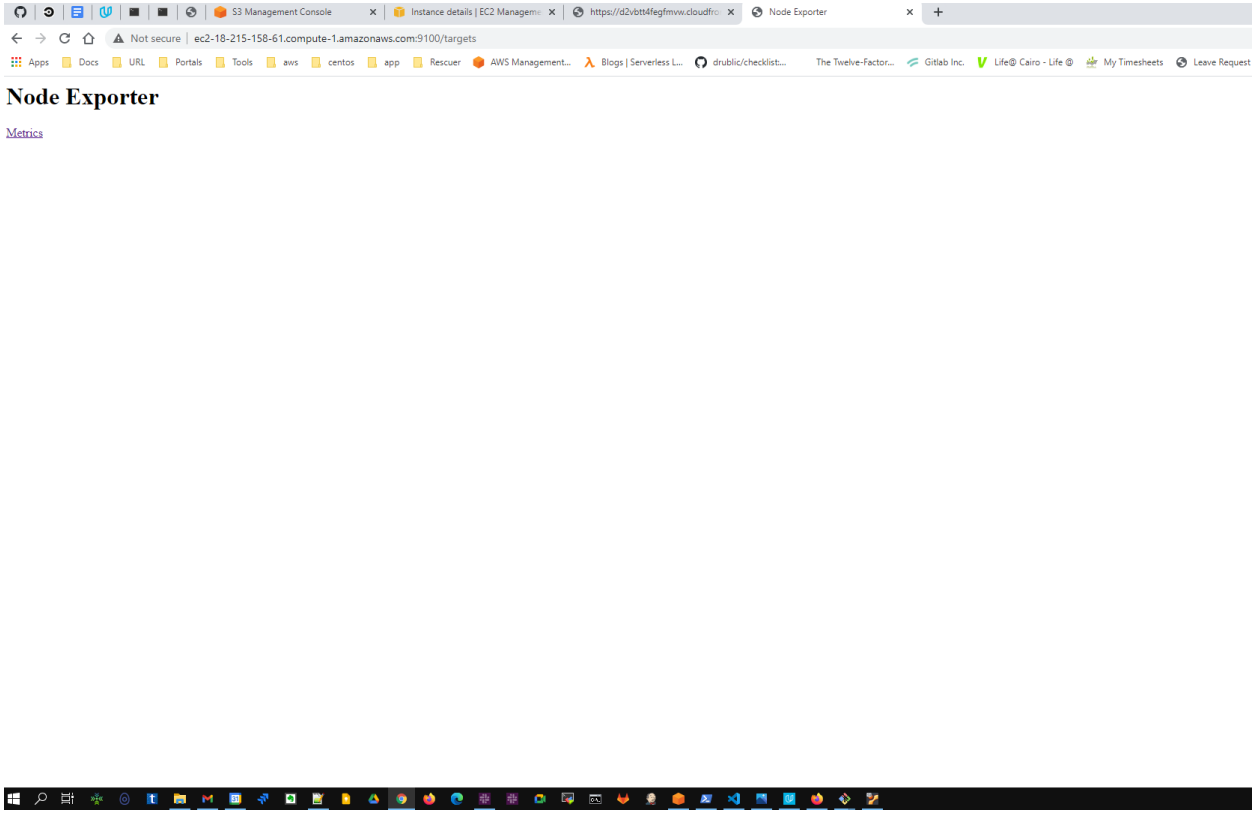
9

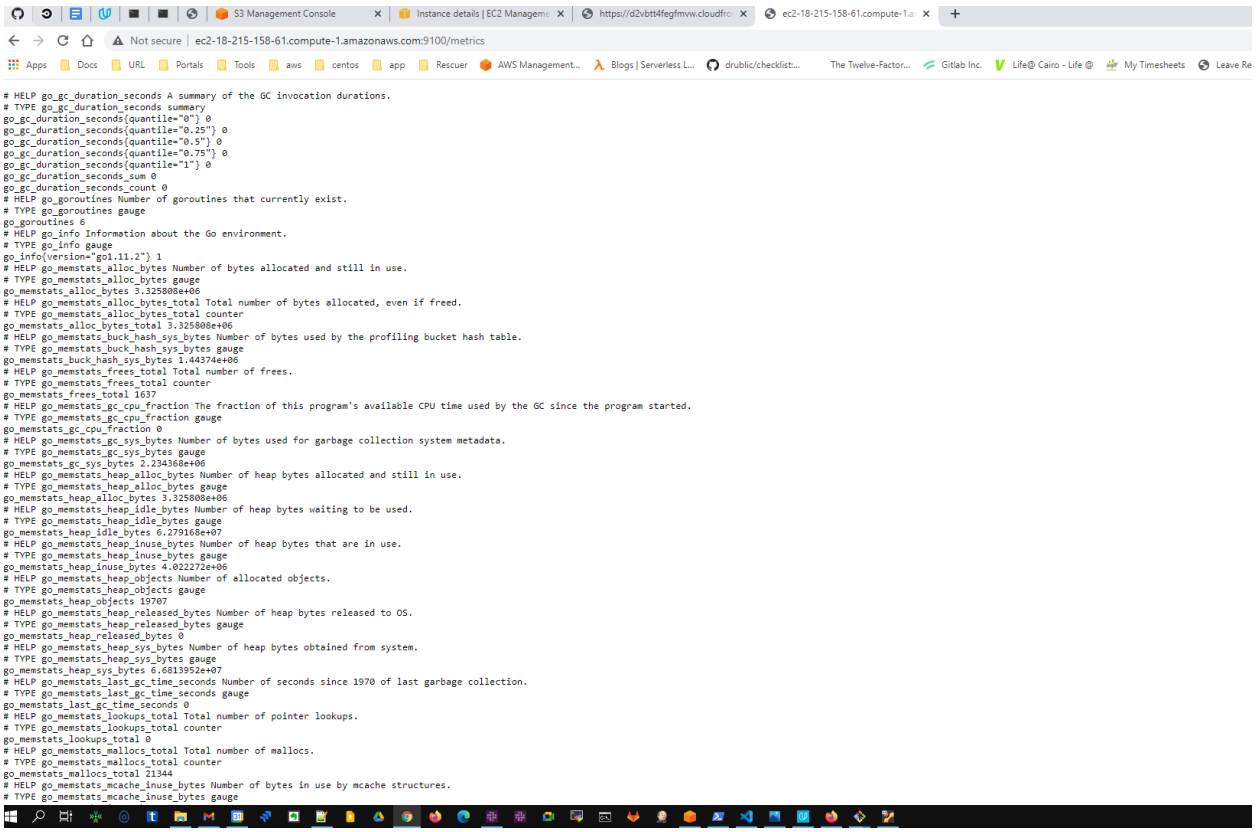

bishoymaurice
Bishoy
Dashboard
Projects
Insights
Organization Settings
Plan
NEW
Status
OPERATIONAL
Help
Checkout code
0s
Install dependencies
55s
Get old stack workflow id
2s
#!/bin/bash -eo pipefail
export OldWorkflowID=$(aws cloudformation \
list-exports --query "Exports[?Name==\'WorkflowID\'].Value" \
--no-paginate --output text --region=us-west-2)
export STACKS=$(aws cloudformation list-stacks --query "StackSummaries[*].StackName" \
--stack-status-filter CREATE_COMPLETE --no-paginate --output text --region=us-west-2))
echo "OldWorkflowID $OldWorkflowID"
echo "STACKS $STACKS"
OldWorkflowID 0ae9713
STACKS UDA-PEOPLE-BACKEND-b7928a4
CircleCI received exit code 0
Remove old stacks and files
1s
#!/bin/bash -eo pipefail
if [["${STACKS[@]}" =~ "${OldWorkflowID}"]]
then
aws cloudformation delete-stack --stack-name "UDA-PEOPLE-BACKEND-${OldWorkflowID}" --region=us-west-2
fi
CircleCI received exit code 0
Slack - Detecting Job Status (PASS)
0s
#!/bin/bash -eo pipefail
echo 'export CCI_STATUS="pass"' > /tmp/SLACK_JOB_STATUS
CircleCI received exit code 0
Slack - Sending Notification
0s
Slack - Detecting Job Status (PASS)
0s
Slack - Sending Notification
4s

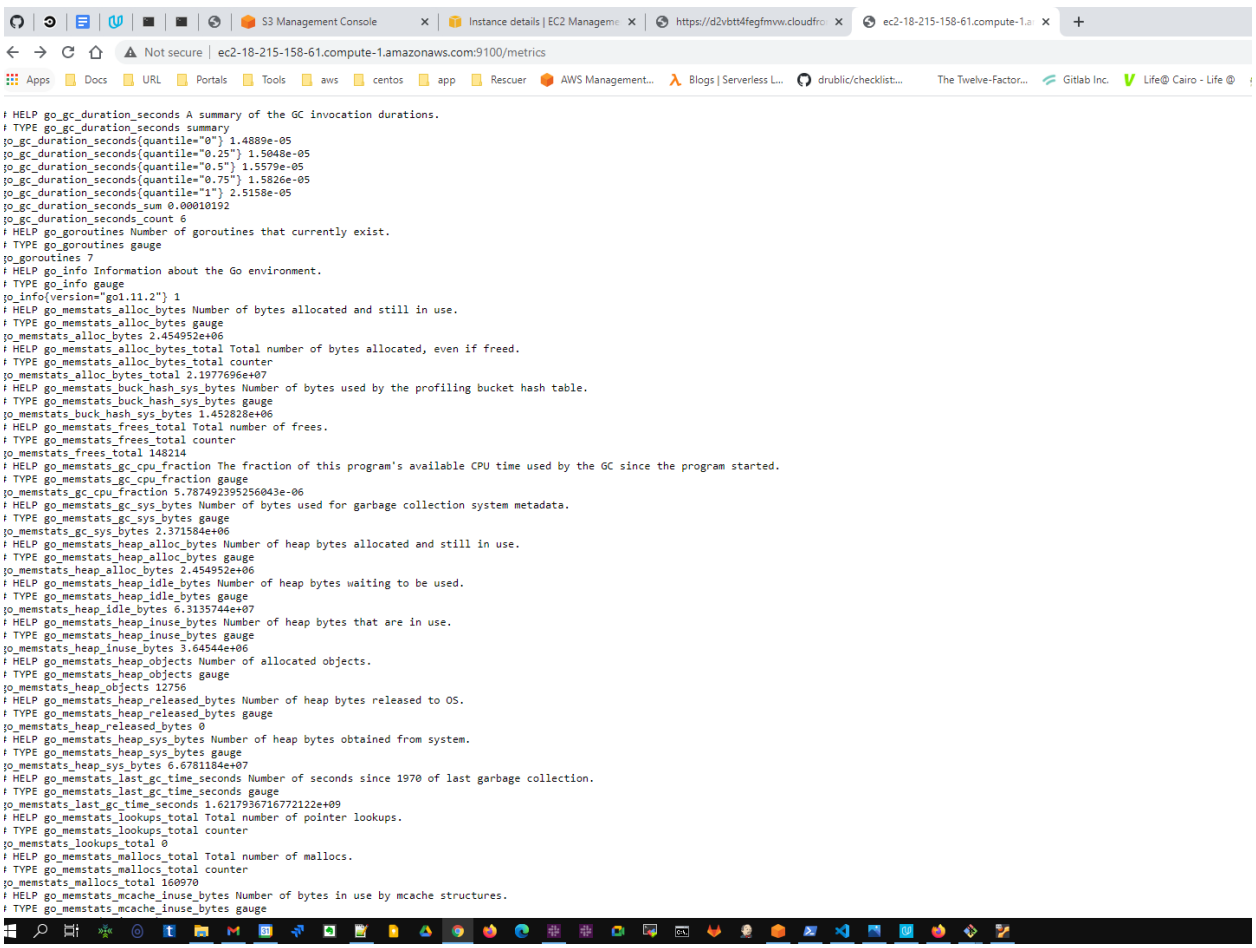
10


bishoymaurice
Bishoy
Dashboard
Projects
Insights
Organization Settings
Plan
NEW
Status
OPERATIONAL
Help
Dashboard
Project
Branch
Workflow
All Pipelines
cdond-c3-projectstarter
feature/branch
default
default
Success
Insights
Rerun
Duration / Finished
1m 3s / 20s ago
Branch
feature/branch
Commit
1322eba
Author
bishoymaurice
build-frontend 30s
scan-frontend 12s
test-frontend 11s
build-backend 27s
scan-backend 11s
test-backend 11s

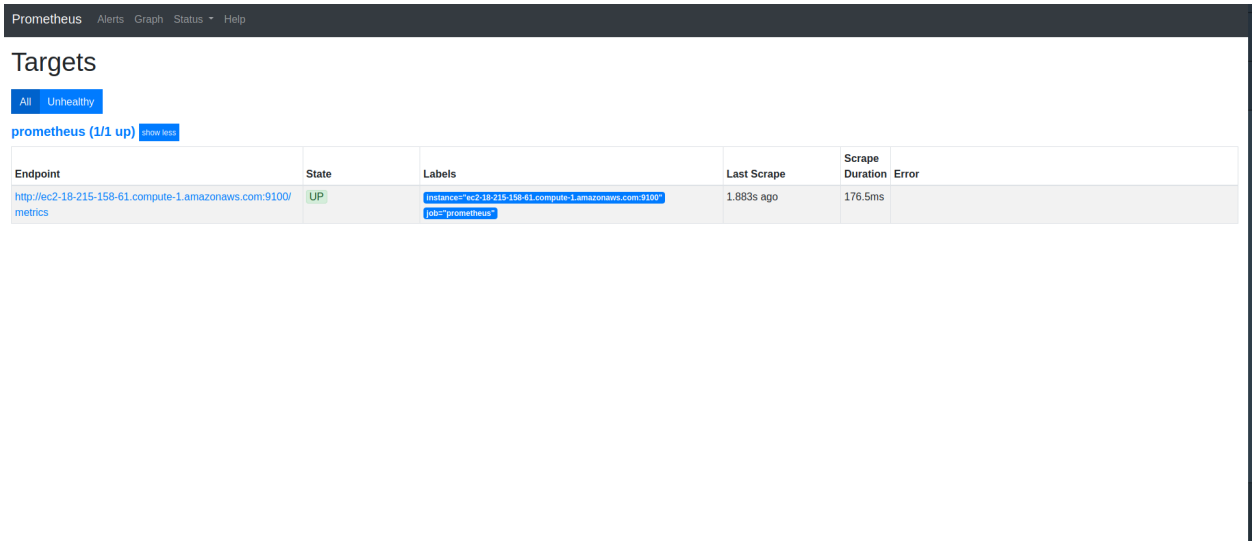
11

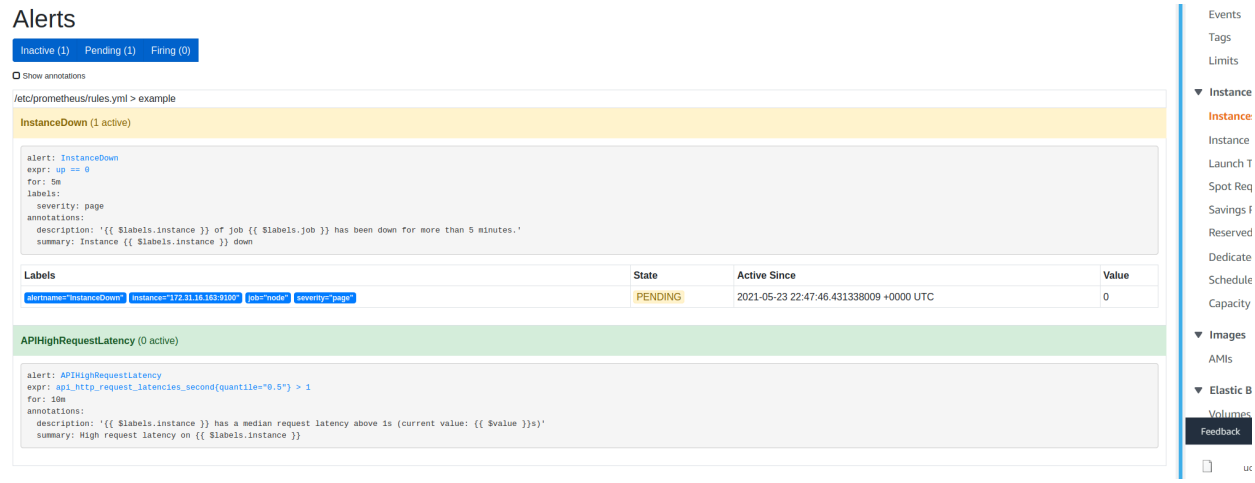

S3 Management Console
Instance details | EC2 Manageme
https://d2vbtt4fegfmvw.cloudfro
Node Exporter
Not secure
ec2-18-215-158-61.compute-1.amazonaws.com:9100/targets
Apps
Docs
URL
Portals
Tools
aws
centos
app
Rescuer
AWS Management...
Blogs | Serverless L...
drublic/checklist:...
The Twelve-Factor...
Gitlab Inc.
Life@ Cairo - Life @
My Timesheets
Leave Request
Node Exporter
Metrics


S3 Management Console
Instance details | EC2 Manageme
https://d2vbtt4fegfmvw.cloudfro
ec2-18-215-158-61.compute-1.a
Not secure | ec2-18-215-158-61.compute-1.amazonaws.com:9100/metrics
Apps Docs URL Portals Tools aws centos app Rescuer AWS Management... Blogs | Serverless L... drublic/checklist... The Twelve-Factor... Gitlab Inc. Life@ Cairo - Life @ My Timesheets Leave Re
HELP go_gc_duration_seconds A summary of the GC invocation durations.
TYPE go_gc_duration_seconds summary
go_gc_duration_seconds{quantile="0"} 0
go_gc_duration_seconds{quantile="0.25"} 0
go_gc_duration_seconds{quantile="0.5"} 0
go_gc_duration_seconds{quantile="0.75"} 0
go_gc_duration_seconds{quantile="1"} 0
go_gc_duration_seconds_sum 0
go_gc_duration_seconds_count 0
HELP go_goroutines Number of goroutines that currently exist.
TYPE go_goroutines gauge
go_goroutines 6
HELP go_info Information about the Go environment.
TYPE go_info gauge
go_info{version="go1.11.2"} 1
HELP go_memstats_alloc_bytes Number of bytes allocated and still in use.
TYPE go_memstats_alloc_bytes gauge
go_memstats_alloc_bytes 3.325808e+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 3.325808e+06
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 1.44374e+06
HELP go_memstats_frees_total Total number of frees.
TYPE go_memstats_frees_total counter
go_memstats_frees_total 1637
HELP go_memstats_gc_cpu_fraction The fraction of this program's available CPU time used by the GC since the program started.
TYPE go_memstats_gc_cpu_fraction gauge
go_memstats_gc_cpu_fraction 0
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 2.234368e+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 3.325808e+06
HELP go_memstats_heap_idle_bytes Number of heap bytes waiting to be used.
TYPE go_memstats_heap_idle_bytes gauge
go_memstats_heap_idle_bytes 6.279168e+07
HELP go_memstats_heap_inuse_bytes Number of heap bytes that are in use.
TYPE go_memstats_heap_inuse_bytes gauge
go_memstats_heap_inuse_bytes 4.022272e+06
HELP go_memstats_heap_objects Number of allocated objects.
TYPE go_memstats_heap_objects gauge
go_memstats_heap_objects 19707
HELP go_memstats_heap_released_bytes Number of heap bytes released to OS.
TYPE go_memstats_heap_released_bytes gauge
go_memstats_heap_released_bytes 0
HELP go_memstats_heap_sys_bytes Number of heap bytes obtained from system.
TYPE go_memstats_heap_sys_bytes gauge
go_memstats_heap_sys_bytes 6.681952e+07
HELP go_memstats_last_gc_time_seconds Number of seconds since 1970 of last garbage collection.
TYPE go_memstats_last_gc_time_seconds gauge
go_memstats_last_gc_time_seconds 0
HELP go_memstats_lookups_total Total number of pointer lookups.
TYPE go_memstats_lookups_total counter
go_memstats_lookups_total 0
HELP go_memstats_mallocs_total Total number of mallocs.
TYPE go_memstats_mallocs_total counter
go_memstats_mallocs_total 21344
HELP go_memstats_mcache_inuse_bytes Number of bytes in use by mcache structures.
TYPE go_memstats_mcache_inuse_bytes gauge


S3 Management Console
Instance details | EC2 Manageme
https://d2vbtt4fegfmvw.cloudfro
ec2-18-215-158-61.compute-1.a
Not secure | ec2-18-215-158-61.compute-1.amazonaws.com:9100/metrics
Apps Docs URL Portals Tools aws centos app Rescuer AWS Management... Blogs | Serverless L... drublic/checklist... The Twelve-Factor... Gitlab Inc. Life@ Cairo - Life @
HELP go_gc_duration_seconds A summary of the GC invocation durations.
TYPE go_gc_duration_seconds summary
go_gc_duration_seconds{quantile="0"} 1.4889e-05
go_gc_duration_seconds{quantile="0.25"} 1.5048e-05
go_gc_duration_seconds{quantile="0.5"} 1.5579e-05
go_gc_duration_seconds{quantile="0.75"} 1.5826e-05
go_gc_duration_seconds{quantile="1"} 2.5158e-05
go_gc_duration_seconds_sum 0.00010192
go_gc_duration_seconds_count 6
HELP go_goroutines Number of goroutines that currently exist.
TYPE go_goroutines gauge
go_goroutines 7
HELP go_info Information about the Go environment.
TYPE go_info gauge
go_info{version="go1.11.2"} 1
HELP go_memstats_alloc_bytes Number of bytes allocated and still in use.
TYPE go_memstats_alloc_bytes gauge
go_memstats_alloc_bytes 2.454952e+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 2.1977696e+07
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 1.452828e+06
HELP go_memstats_frees_total Total number of frees.
TYPE go_memstats_frees_total counter
go_memstats_frees_total 148214
HELP go_memstats_gc_cpu_fraction The fraction of this program's available CPU time used by the GC since the program started.
TYPE go_memstats_gc_cpu_fraction gauge
go_memstats_gc_cpu_fraction 5.787492395256043e-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 2.371584e+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 2.454952e+06
HELP go_memstats_heap_idle_bytes Number of heap bytes waiting to be used.
TYPE go_memstats_heap_idle_bytes gauge
go_memstats_heap_idle_bytes 6.3135744e+07
HELP go_memstats_heap_inuse_bytes Number of heap bytes that are in use.
TYPE go_memstats_heap_inuse_bytes gauge
go_memstats_heap_inuse_bytes 3.64544e+06
HELP go_memstats_heap_objects Number of allocated objects.
TYPE go_memstats_heap_objects gauge
go_memstats_heap_objects 12756
HELP go_memstats_heap_released_bytes Number of heap bytes released to OS.
TYPE go_memstats_heap_released_bytes gauge
go_memstats_heap_released_bytes 0
HELP go_memstats_heap_sys_bytes Number of heap bytes obtained from system.
TYPE go_memstats_heap_sys_bytes gauge
go_memstats_heap_sys_bytes 6.6781184e+07
HELP go_memstats_last_gc_time_seconds Number of seconds since 1970 of last garbage collection.
TYPE go_memstats_last_gc_time_seconds gauge
go_memstats_last_gc_time_seconds 1.6217936716772122e+09
HELP go_memstats_lookups_total Total number of pointer lookups.
TYPE go_memstats_lookups_total counter
go_memstats_lookups_total 0
HELP go_memstats_mallocs_total Total number of mallocs.
TYPE go_memstats_mallocs_total counter
go_memstats_mallocs_total 160970
HELP go_memstats_mcache_inuse_bytes Number of bytes in use by mcache structures.
TYPE go_memstats_mcache_inuse_bytes gauge

Prometheus server





Prometheus Alerts Graph Status Help

Targets

All Unhealthy

node (0/1 up) show less

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://172.31.16.163:9100/metrics	DOWN	instance="172.31.16.163:9100" job="node"	10.21s ago	10s	Get "http://172.31.16.163:9100/metrics": context deadline exceeded

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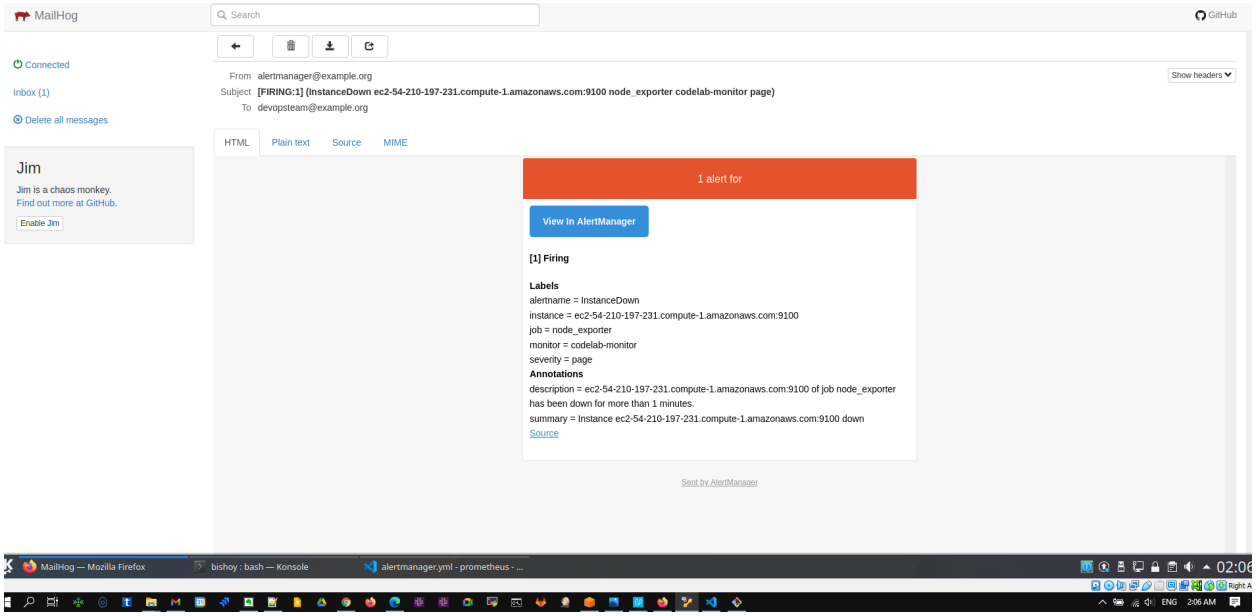
I used mailhog to simulate alerts



Prometheus Alerts Graph Status Help

Enable query history

Try experimental React UI

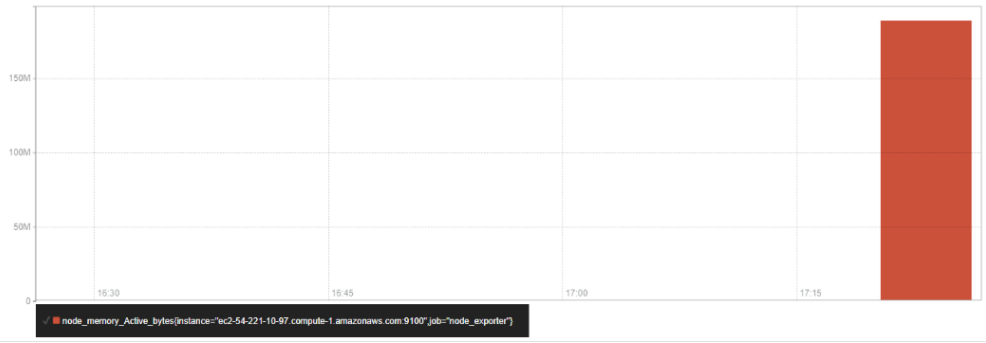
node_memory_Active_bytes

Load time: 184ms
Resolution: 14s
Total time series: 1

Execute - insert metric at cursor -

Graph Console

1h Until Res. (s) stacked



Remove Graph

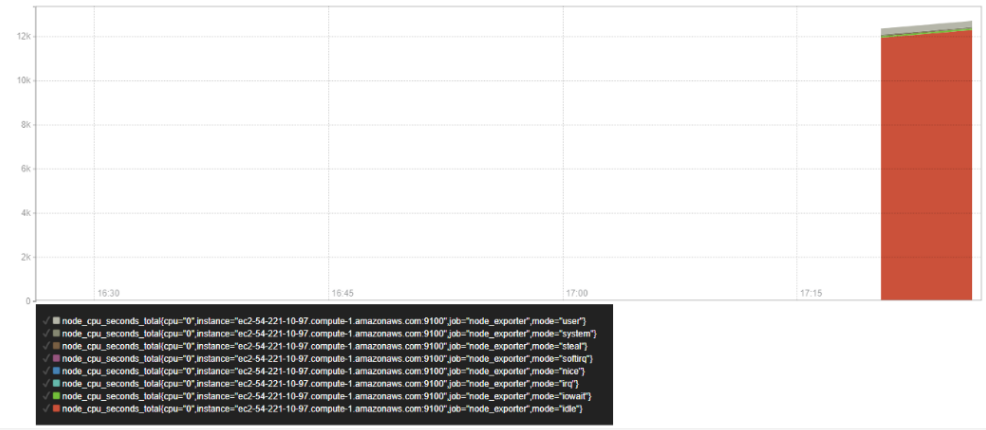
node_cpu_seconds_total

Load time: 205ms
Resolution: 14s
Total time series: 8

Execute - insert metric at cursor -

Graph Console

1h Until Res. (s) stacked



Remove Graph

Expression (press Shift+Enter for newlines)

Load time: 169ms
Resolution: 7s
Total time series: 0

Execute node_disk_written_bytes_

Graph Console

30m Until Res. (s) stacked

Remove Graph

node_disk_io_now

Load time: 329ms
Resolution: 14s
Total time series: 1

Execute - insert metric at cursor -

Graph Console

1h Until Res. (s) stacked

Remove Graph

Add Graph