

Aws CloudFormation assignments

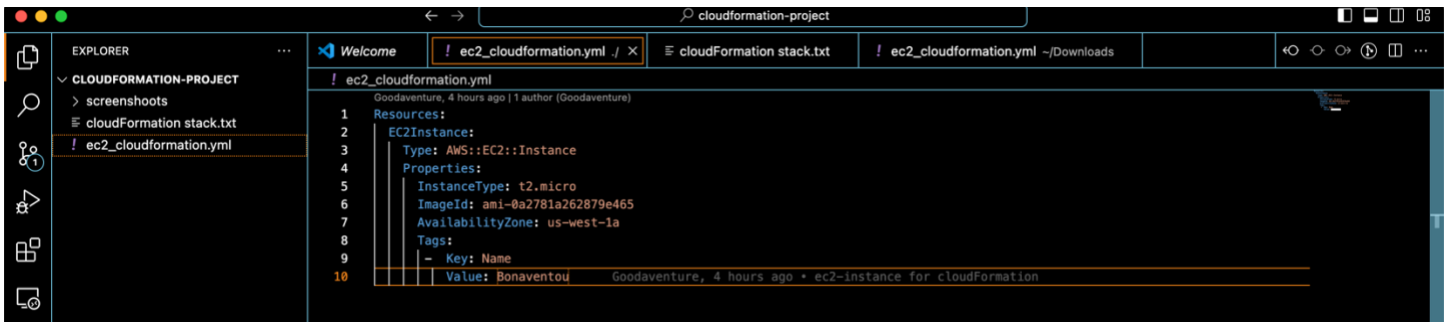
Bo Lontum

5/29/2024

[Blontum/cloudformation-project \(github.com\)](https://github.com/Blontum/cloudformation-project)

Homework1

My ec2 template in YML format.

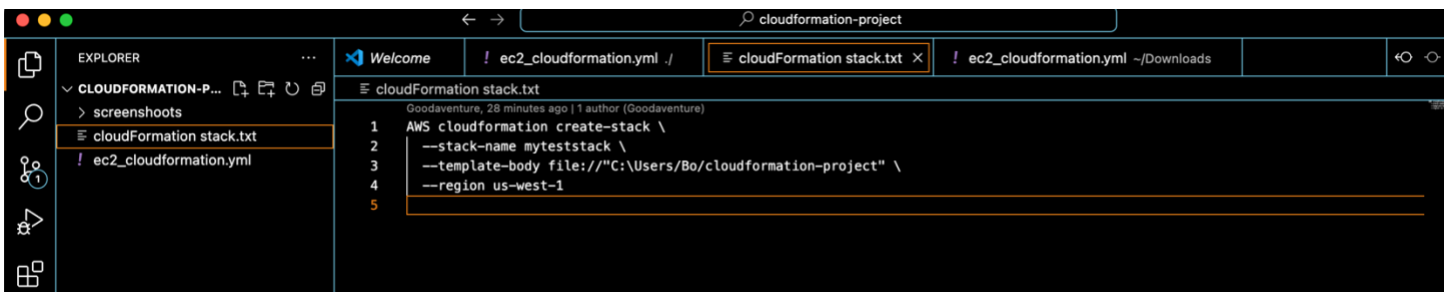


The screenshot shows a code editor with a dark theme. The Explorer pane on the left shows a project named 'CLOUDFORMATION-PROJECT' with files 'screenshots', 'cloudFormation stack.txt', and 'ec2_cloudformation.yml'. The main editor area shows the content of 'ec2_cloudformation.yml'.

```
1 Resources:
2   EC2Instance:
3     Type: AWS::EC2::Instance
4     Properties:
5       InstanceType: t2.micro
6       ImageId: ami-0a2781a262879e465
7       AvailabilityZone: us-west-1a
8       Tags:
9         - Key: Name
10           Value: Bonaventou
```

Homework2

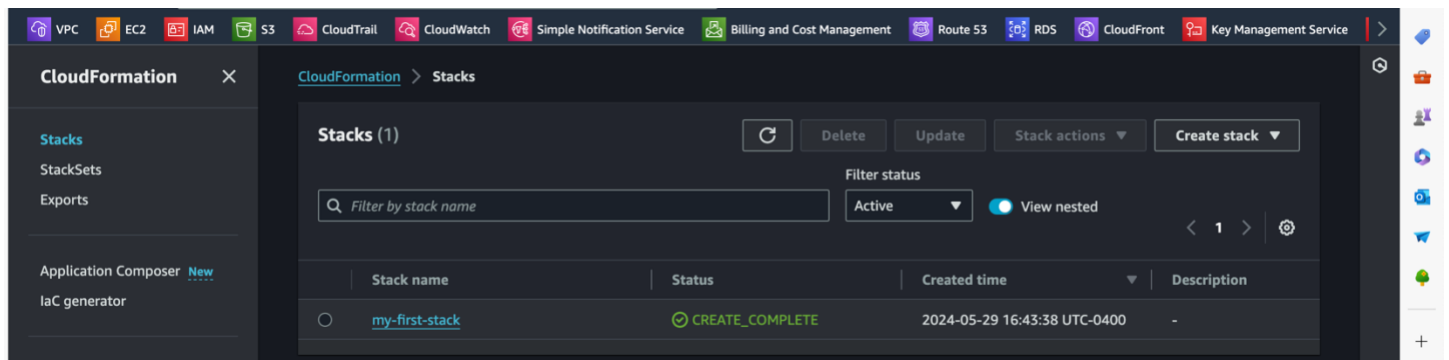
Template to create CloudFormation stack with CLI



The screenshot shows a code editor with a dark theme. The Explorer pane on the left shows a project named 'CLOUDFORMATION-P...' with files 'screenshots', 'cloudFormation stack.txt', and 'ec2_cloudformation.yml'. The main editor area shows the content of 'cloudFormation stack.txt'.

```
1 AWS cloudformation create-stack \
2   --stack-name myteststack \
3   --template-body file://"C:\Users\Bo\cloudformation-project" \
4   --region us-west-1
5
```

My stack in CloudFormation



Automated Ec2 instance from the Template above on CloudFormation

EC2 Dashboard

EC2 Global View

Events

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Instances (1/1)

Find Instance by attribute or tag (case-sensitive)

Instance state = running

Clear filters

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability zone
Bonaventou	i-0d80e1a0585080712	Running	t2.micro	2/2 checks passed	View alarms	us-west-1a

i-0d80e1a0585080712 (Bonaventou)

Instance summary

Instance ID

i-0d80e1a0585080712 (Bonaventou)

Public IPv4 address

54.193.140.232 | open address

Private IPv4 addresses

172.31.9.223

Instance state

Running

Public IPv4 DNS

ec2-54-193-140-232.us-west-1.compute.amazonaws.com | open address

IPv6 address

-

Private IP DNS name (IPv4 only)

ip-172-31-9-223.us-west-1.compute.internal

Hostname type

IP name: ip-172-31-9-223.us-west-1.compute.internal

CloudFormation

Stacks

Stack details

Drifts

StackSets

Exports

Application Composer

IAc generator

Registry

Public extensions

Activated extensions

CloudFormation > Stacks > my-first-stack

Stacks (1)

Filter by stack name

Filter status

Active

View nested

Stacks
my-first-stack
2024-05-29 16:43:38 UTC-0400
CREATE_COMPLETE

Stack info

Events

Resources

Outputs

Parameters

Template

Events (5)

Detect root cause

Search events

Timestamp	Logical ID	Status	Detailed
2024-05-29 16:44:04 UTC-0400	my-first-stack	CREATE_COMPLETE	-
2024-05-29 16:44:03 UTC-0400	EC2Instance	CREATE_COMPLETE	-
2024-05-29 16:43:42 UTC-0400	EC2Instance	CREATE_IN_PROGRESS	-