

## Creating Stack using quick link:

**Quick create stack**

**Template**

Template URL  
https://s3.amazonaws.com/awstutorial-code3/chapter05/vpc.yaml

Stack description  
AWS in Action: chapter 5 (VPC)

**Provide a stack name**

Stack name  
vpc-p

Stack name can include letters (A-Z and a-z), numbers (0-9), and dashes (-).

**Parameters**

Parameters are defined in your template and allow you to input custom values when you create or update a stack.

No parameters  
There are no parameters defined in your template

**Permissions**

IAM role - optional  
Choose the IAM role for CloudFormation to use for all operations performed on the stack.

IAM role name: Sample-role-name

## Accepting the acknowledge:

**Parameters**

Parameters are defined in your template and allow you to input custom values when you create or update a stack.

No parameters  
There are no parameters defined in your template

**Permissions**

IAM role - optional  
Choose the IAM role for CloudFormation to use for all operations performed on the stack.

IAM role name: Sample-role-name

**Capabilities**

The following resource(s) require capabilities: [AWS::IAM::Role]  
This template contains Identity and Access Management (IAM) resources that might provide entities access to make changes to your AWS account. Check that you want to create each of these resources and that they have the minimum required permissions. [Learn more](#)

☒ I acknowledge that AWS CloudFormation might create IAM resources.

Please acknowledge all checkboxes before proceeding.

Cancel Create change set **Create stack**

## Status “CREATE\_IN\_PROGRESS”

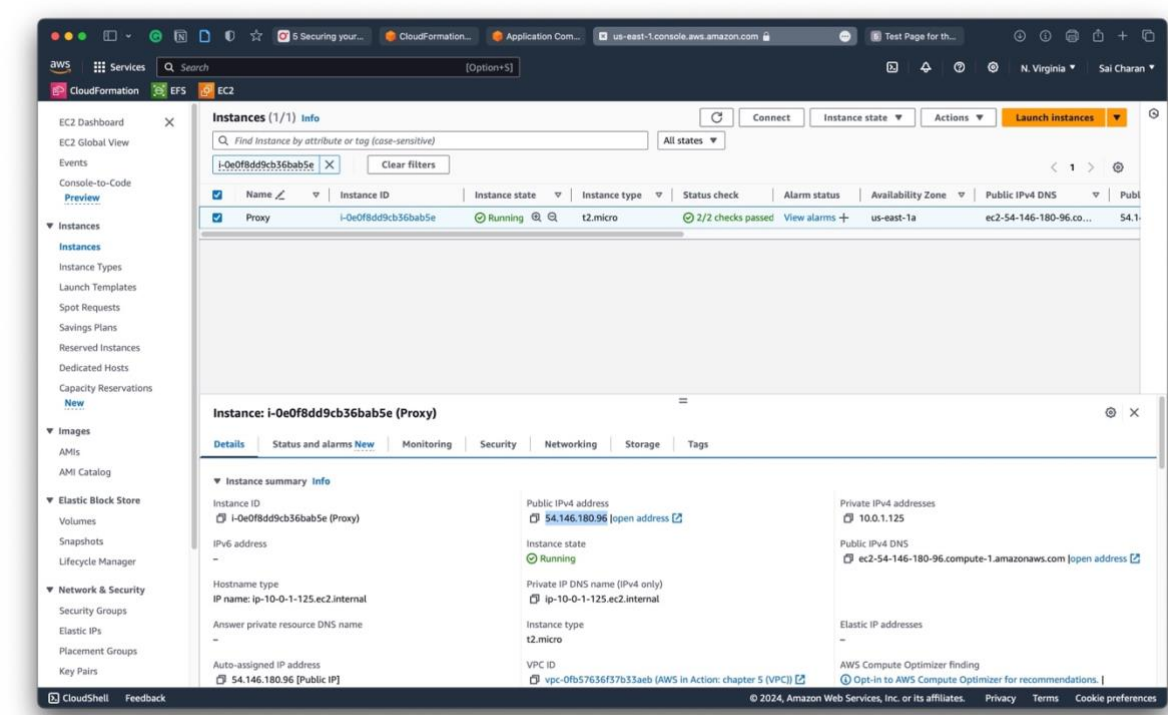
The screenshot shows the AWS CloudFormation console for the 'vpc-p' stack. The stack is in the 'CREATE\_IN\_PROGRESS' state, as indicated by the status icon and the 'Events' tab. The 'Events' tab shows a single event with the status 'CREATE\_IN\_PROGRESS' and the reason 'User Initiated'.

Timestamp	Logical ID	Status	Detailed status	Status reason
2024-04-15 16:28:40 UTC-0400	vpc-p	CREATE_IN_PROGRESS	-	User Initiated

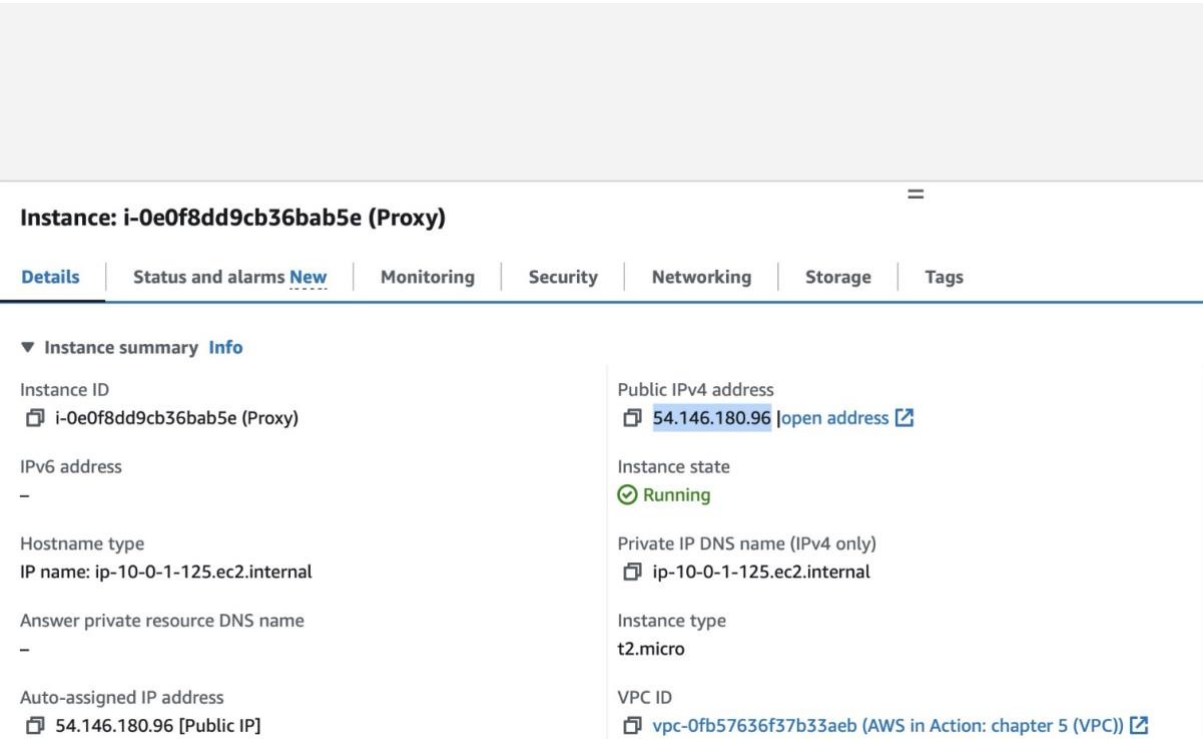
The screenshot shows the AWS CloudFormation console for the 'vpc-p' stack. The stack is in the 'CREATE\_IN\_PROGRESS' state. The 'Events' tab shows a list of events, including several 'CREATE\_COMPLETE' events and two 'CREATE\_IN\_PROGRESS' events. The 'CREATE\_IN\_PROGRESS' events are for 'RoutePublicNATToInternet' and 'RoutePublicProxyToInternet', both with the reason 'Resource creation Initiated'.

Timestamp	Logical ID	Status	Detailed status	Status reason
2024-04-15 16:29:13 UTC-0400	SubnetNetworkACLAssociationPublicProxy	CREATE_COMPLETE	-	-
2024-04-15 16:29:12 UTC-0400	SubnetNetworkACLAssociationPublicNAT	CREATE_COMPLETE	-	-
2024-04-15 16:29:12 UTC-0400	NetworkACLPublicNAT	CREATE_COMPLETE	-	-
2024-04-15 16:29:12 UTC-0400	NetworkACLPublicProxy	CREATE_COMPLETE	-	-
2024-04-15 16:29:12 UTC-0400	NetworkACLPrivateBackend	CREATE_COMPLETE	-	-
2024-04-15 16:29:10 UTC-0400	SubnetNetworkACLAssociationPrivateBackend	CREATE_COMPLETE	-	-
2024-04-15 16:29:10 UTC-0400	RoutePublicNATToInternet	CREATE_COMPLETE	-	-
2024-04-15 16:29:09 UTC-0400	RoutePublicNATToInternet	CREATE_IN_PROGRESS	-	Resource creation Initiated
2024-04-15 16:29:09 UTC-0400	RoutePublicProxyToInternet	CREATE_COMPLETE	-	-
2024-04-15 16:29:09 UTC-0400	RoutePublicProxyToInternet	CREATE_IN_PROGRESS	-	Resource creation Initiated

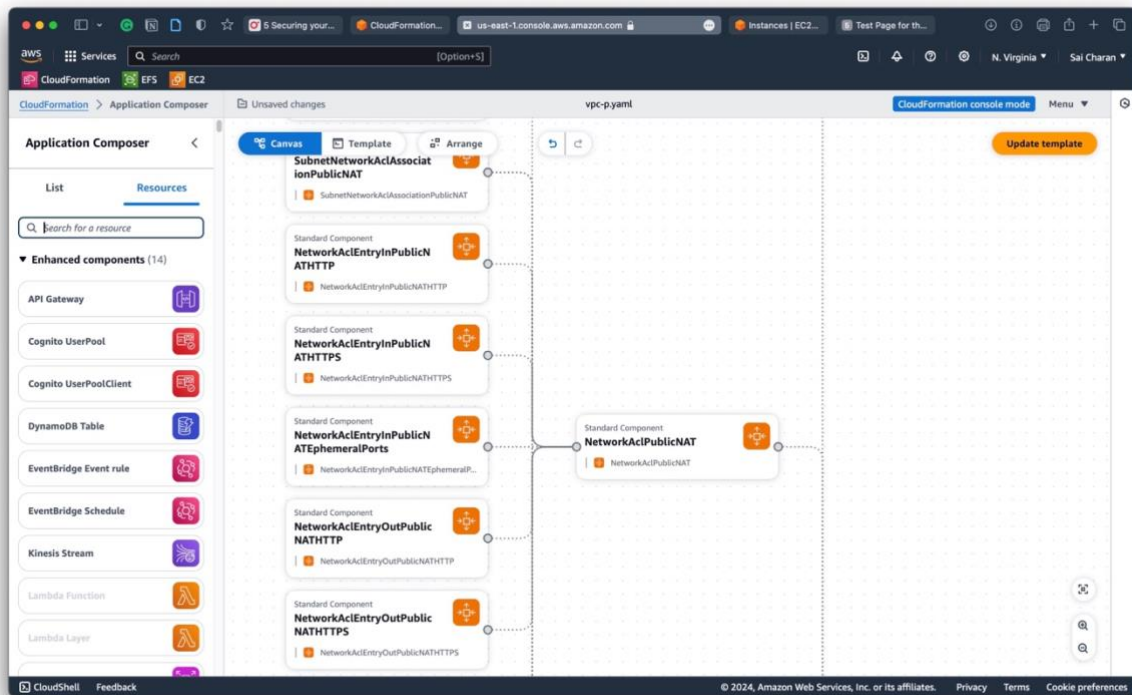
Finding the Proxy Instance:



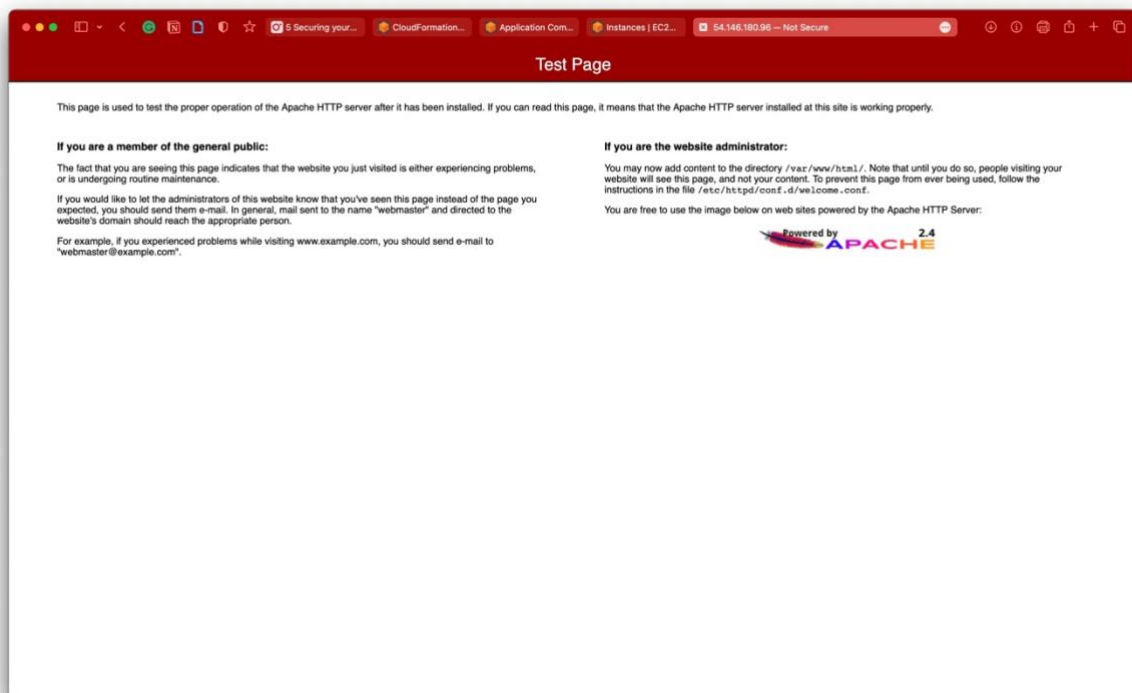
Coping the Proxy public IPv4:



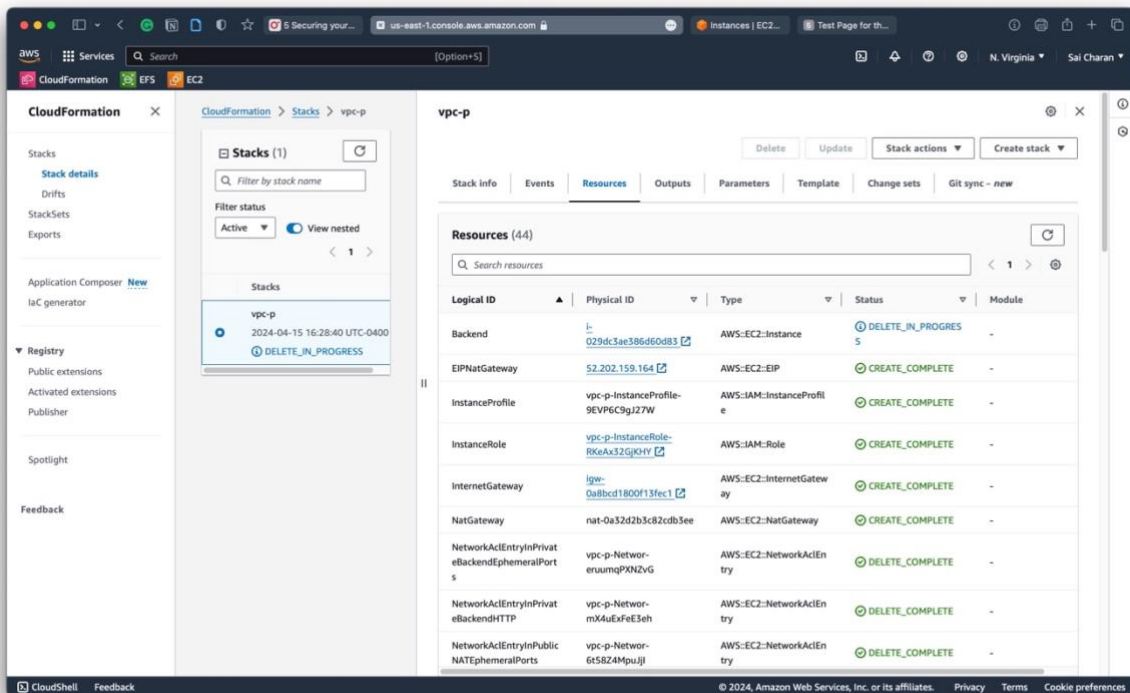
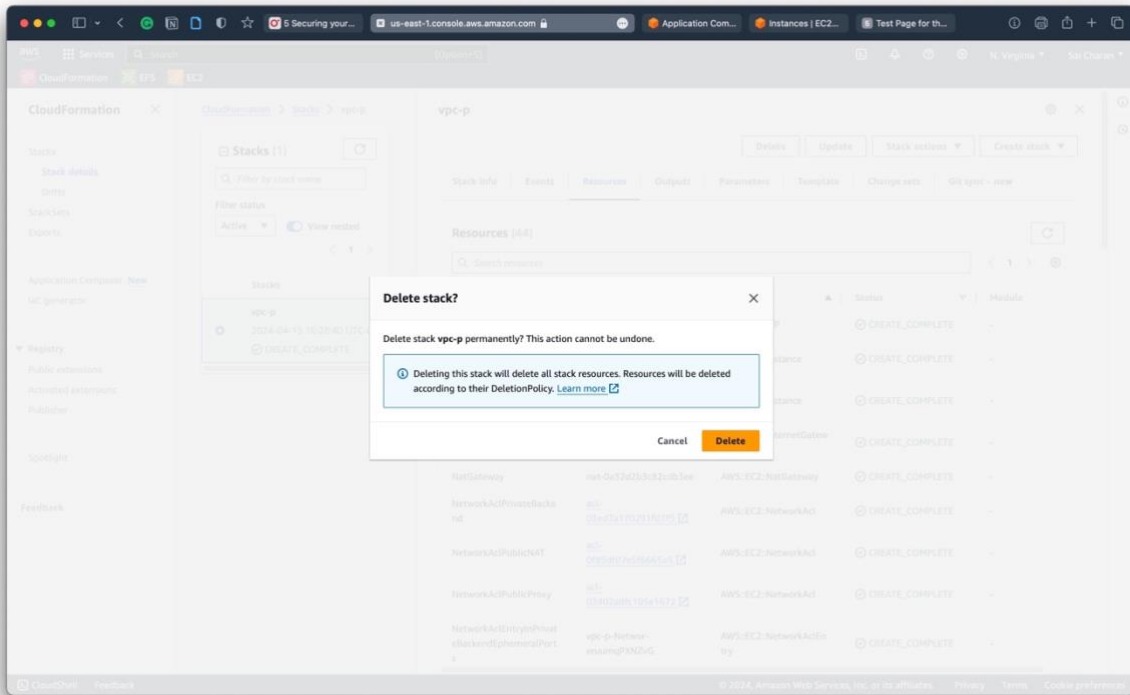
## Application Composer



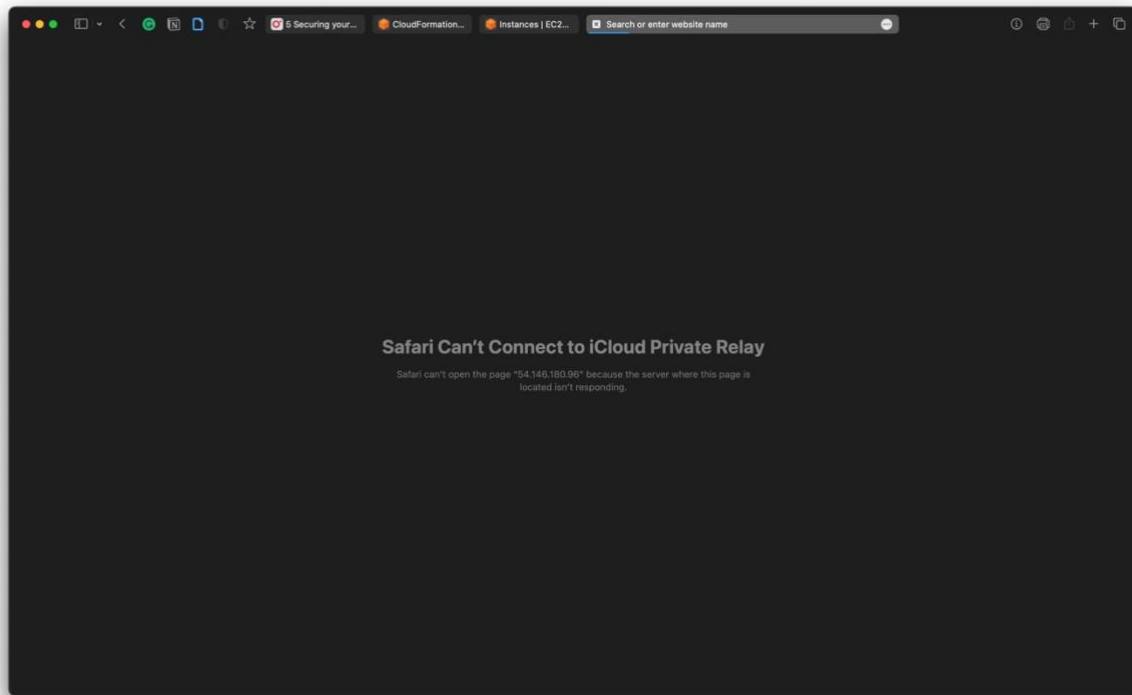
## Checking the IPv4 on Web Browser:



## Deleting the Stack:



Just Checking the Public IPv4 after deleting Stack



Reflection:

I have tried with creating VPC and two subnets for the instance after just seeing the heading of the Chapter 5.5. but then after reading the details in 5.5, I realised the way of work fro this assignment and finished it

Thanks

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