Westcon AWS Network Starter Kit Deployment Guide

Network – CloudFormation Deployment Guide

This guide is for the deployment of the **Network Bundle** using CloudFormation.

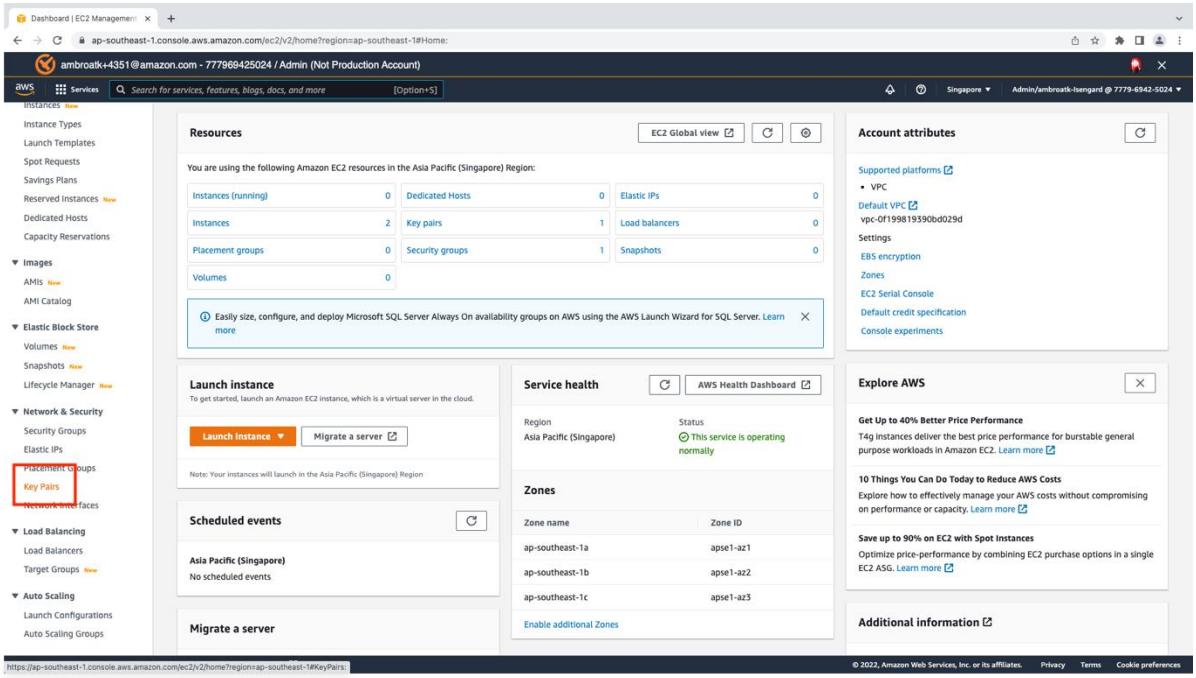
Pre-requisites

1. An existing EC2 Key Pair

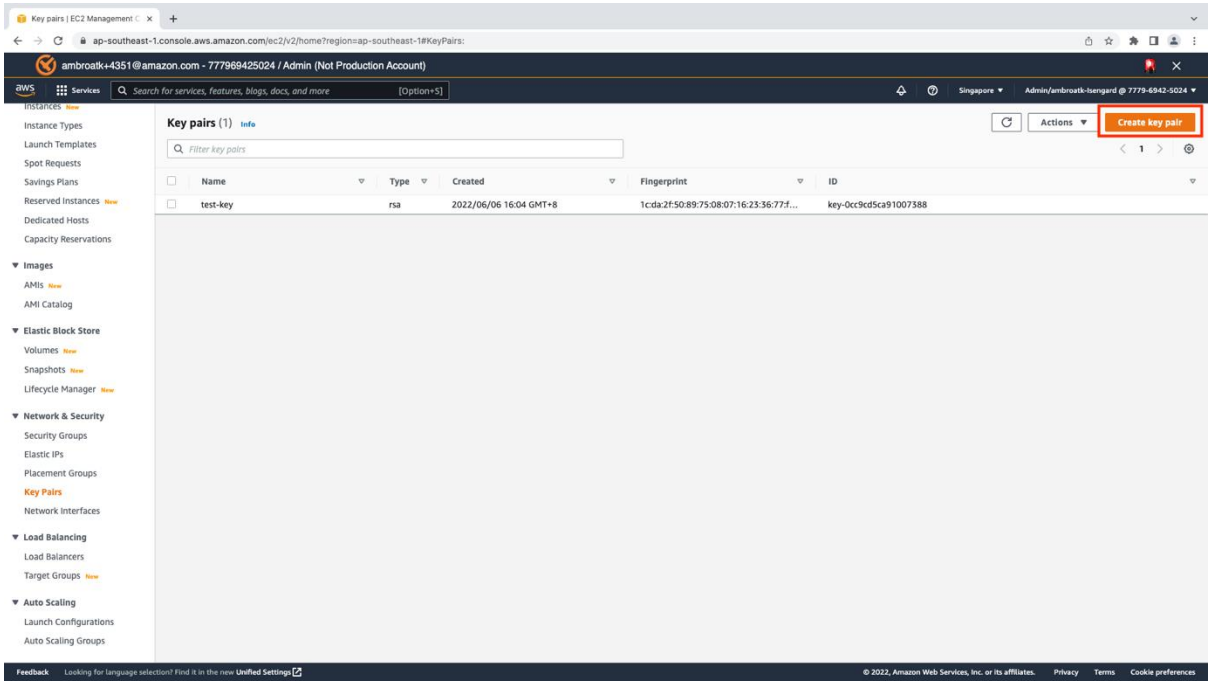
An existing EC2 Key pair is needed. If you already have an existing EC2 Key Pair, skip the “Creating EC2 Key Pair” portion and proceed to the “Deploying Template Using CloudFormation” portion.

Creating an EC2 Key Pair

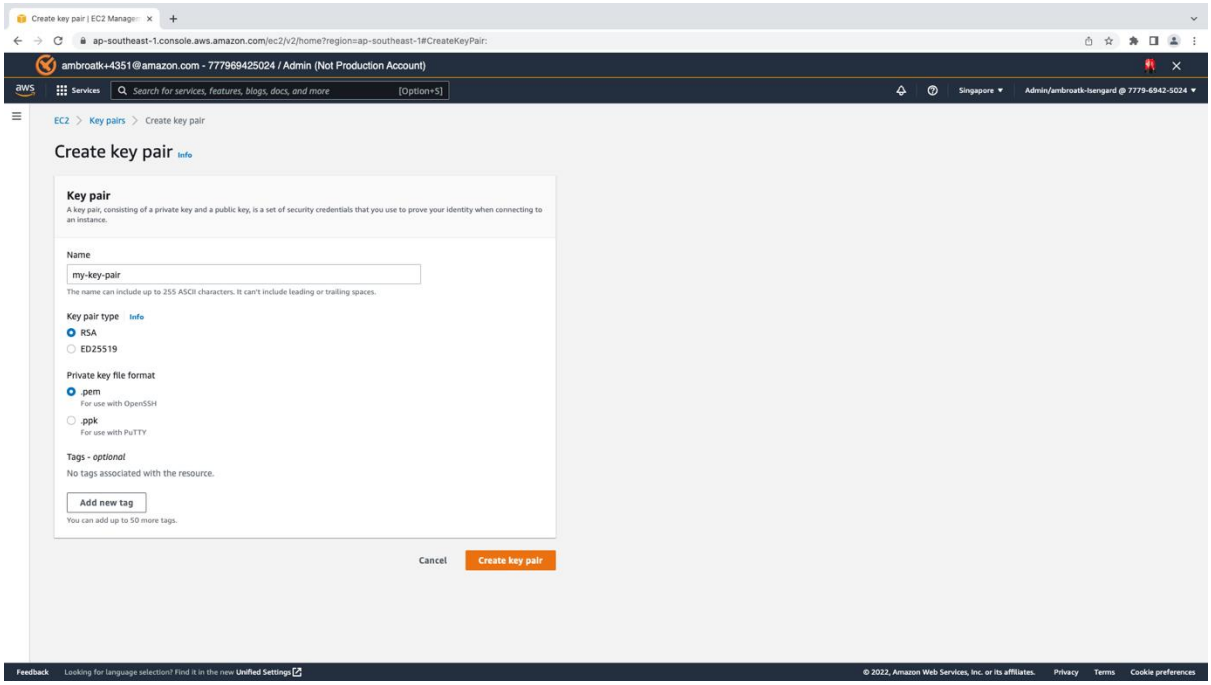
1. On the AWS console, navigate to the EC2 service.
2. Under Network and Security, click on “Key Pairs”.



3. Click on “Create key pair” to continue.

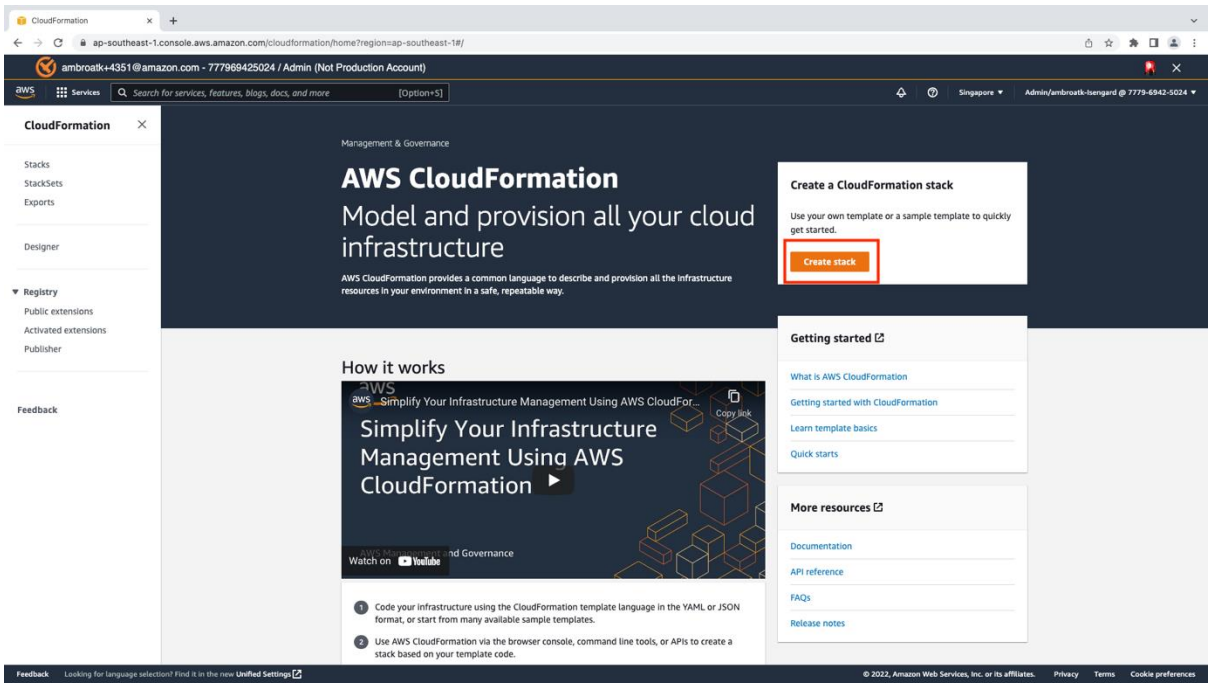


4. Enter a name for the Key Pair. Ensure that the “RSA” type and “.pem” format is selected.
5. Click on “Create key pair”.

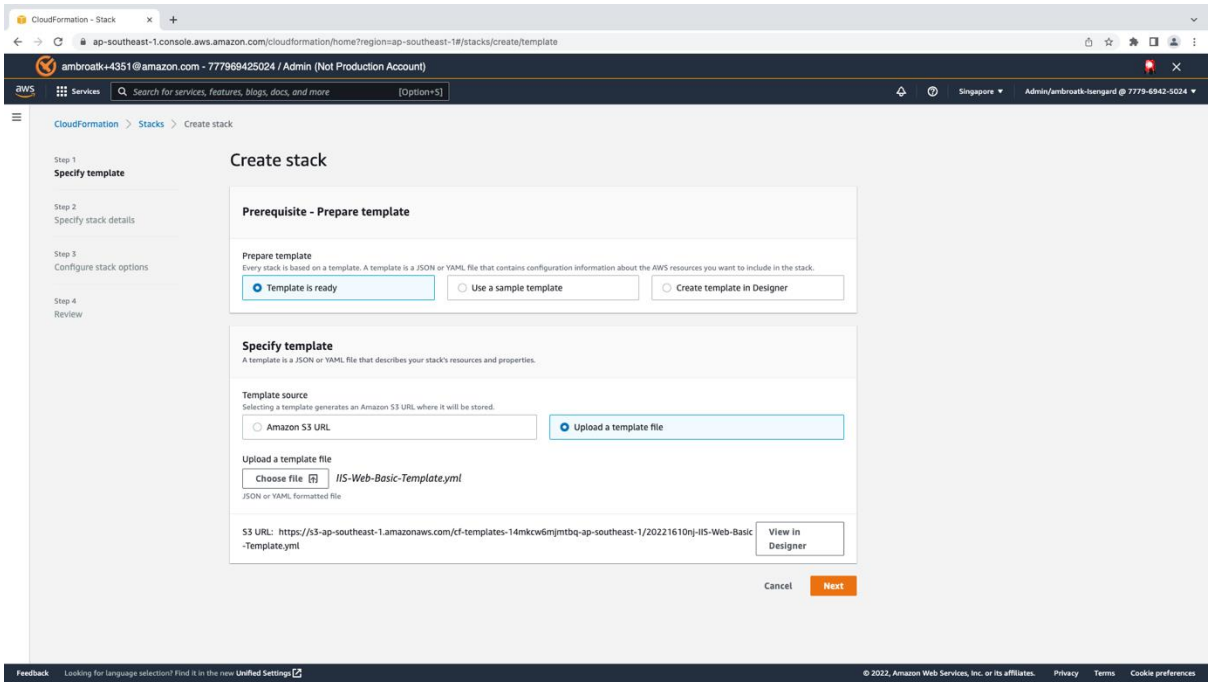


Deploying Template Using CloudFormation

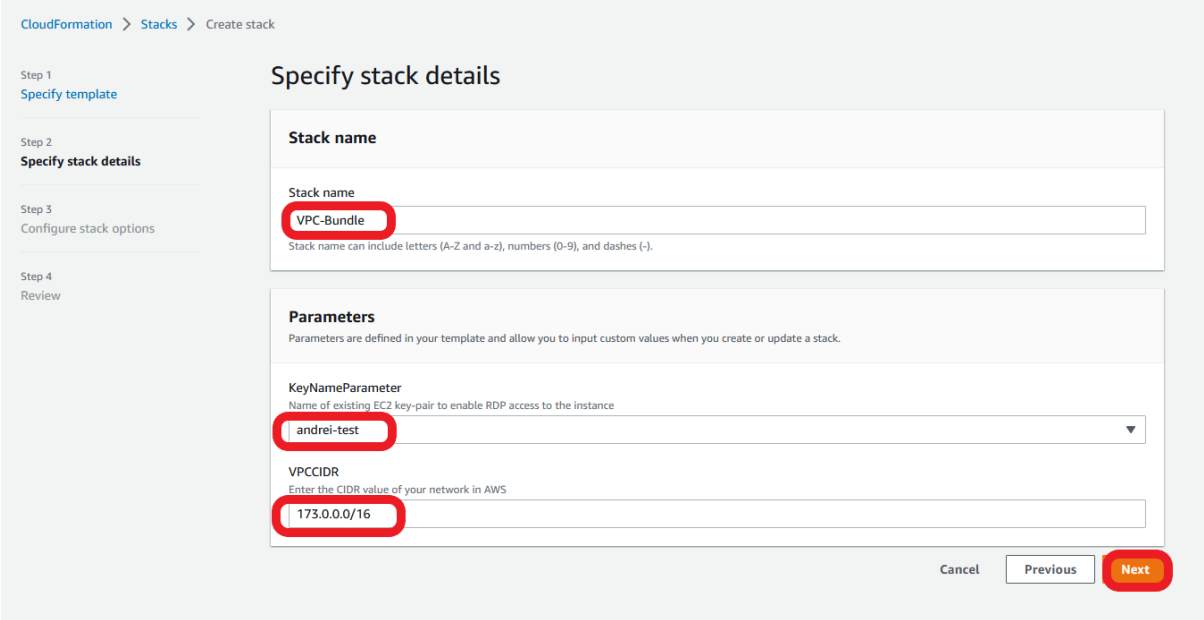
1. On the AWS console, navigate to the CloudFormation service. Click “Create stack”.



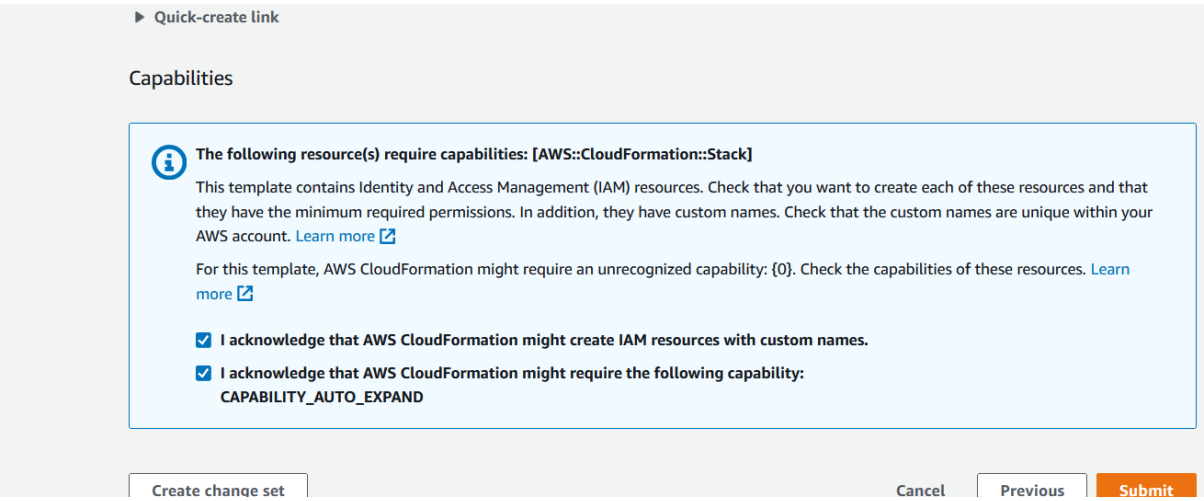
2. Select “Upload a template file”
3. Click on “Choose File”, then select the “VPC.yaml” file. Click “Next”.



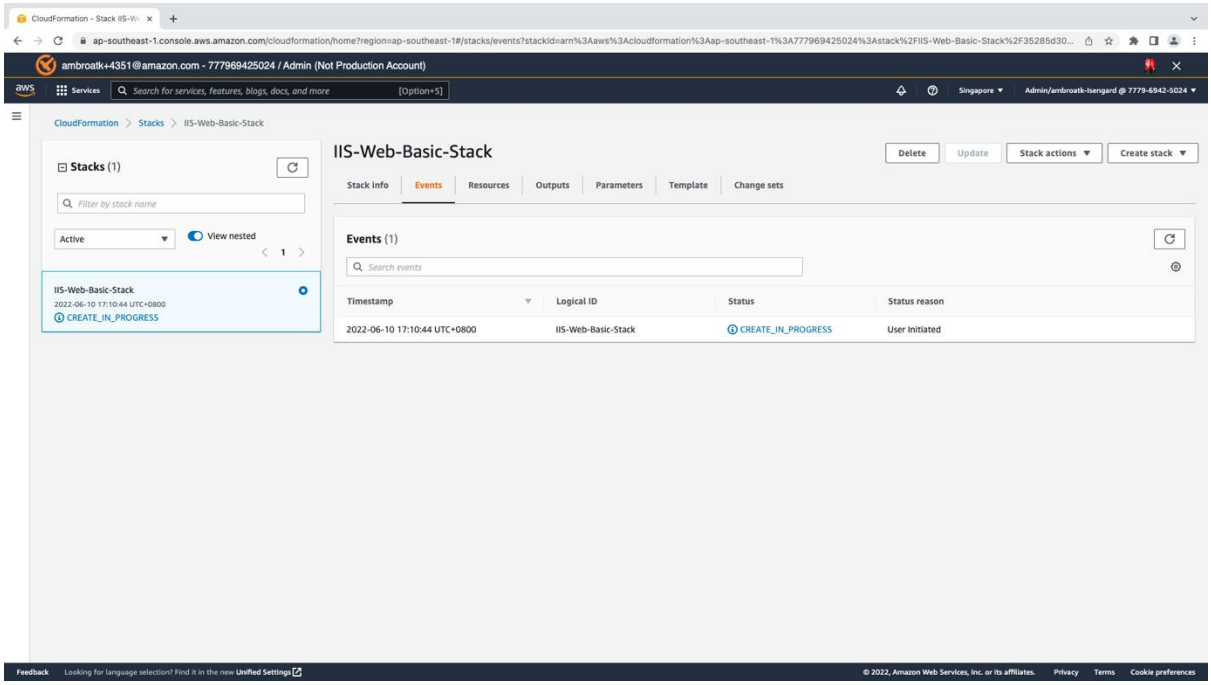
4. Enter a name for the stack.
5. Select the Key Pair that you created previously. This will be used for the bastion host.
6. Under the Networking parameters, enter the CIDR Block for your network. The CIDR has to be unique and non-existent into any of your environments (on-prem or other clouds)



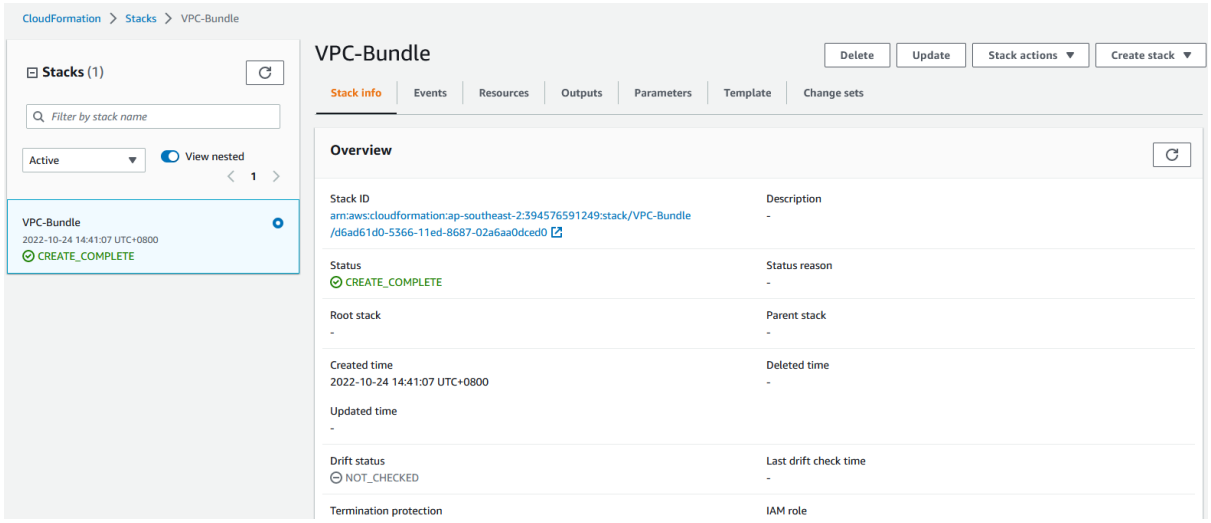
7. Click “Next”.
8. In the “Configuration Stack Option” click “Next”.
9. In the “Review Page” make sure that you allow the template to create custom IAM resources and then click “Submit”.



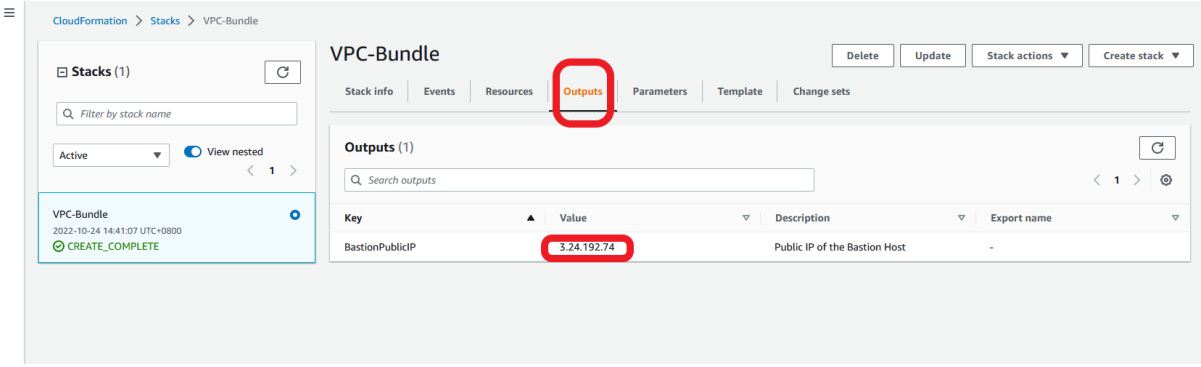
10. Once submitted you will see the template being deployed.



11. Wait for all the resources to be created. Press the refresh button on the top right until the stack creation is complete.



12. The created stack should look like this. All the resources have now been created and deployed.
13. Click on the “Outputs” tab to retrieve the Public IP of the Bastion Host



14. Use this public IP to remote to your Instance.

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Have a question?

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