Westcon AWS Virtual Machine Starter Kit Deployment Guide

Windows Virtual Machine Bundle – CloudFormation Deployment Guide

This guide is for the deployment of the **Windows Virtual Machine Bundle** using CloudFormation.

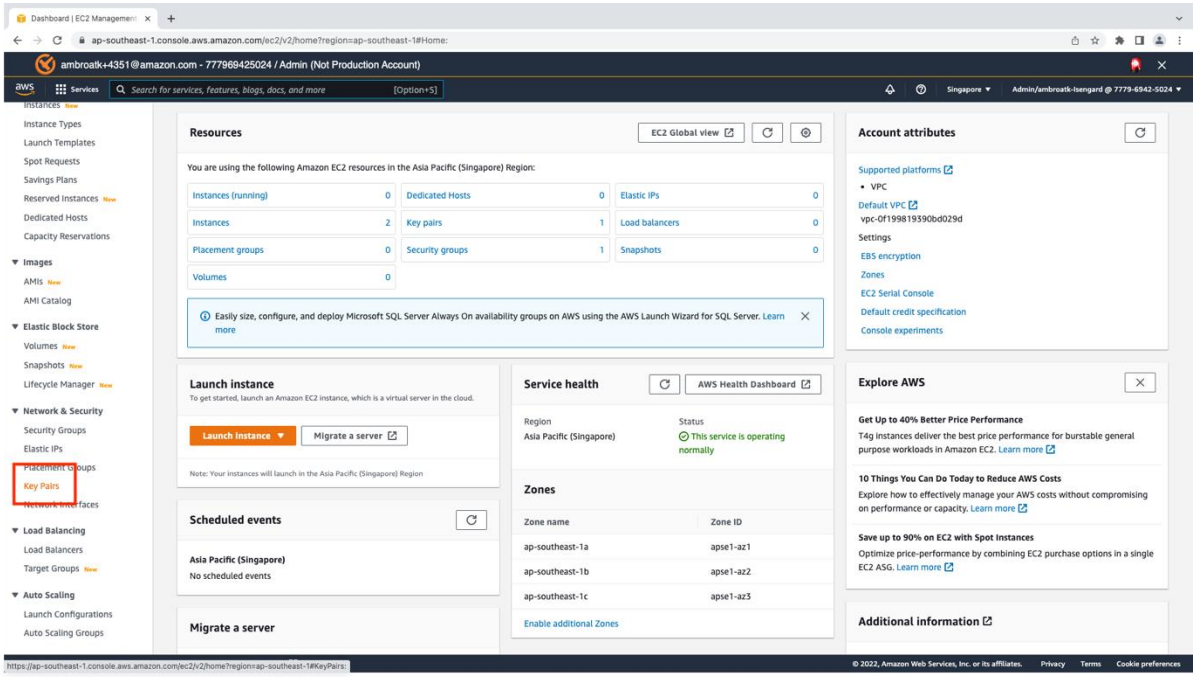
Pre-requisites

1. An existing EC2 Key Pair
2. A VPC – please identify the VPC ID from the AWS Console
3. A subnet within the VPC – please identify the Subnet ID in which you will deploy the VM

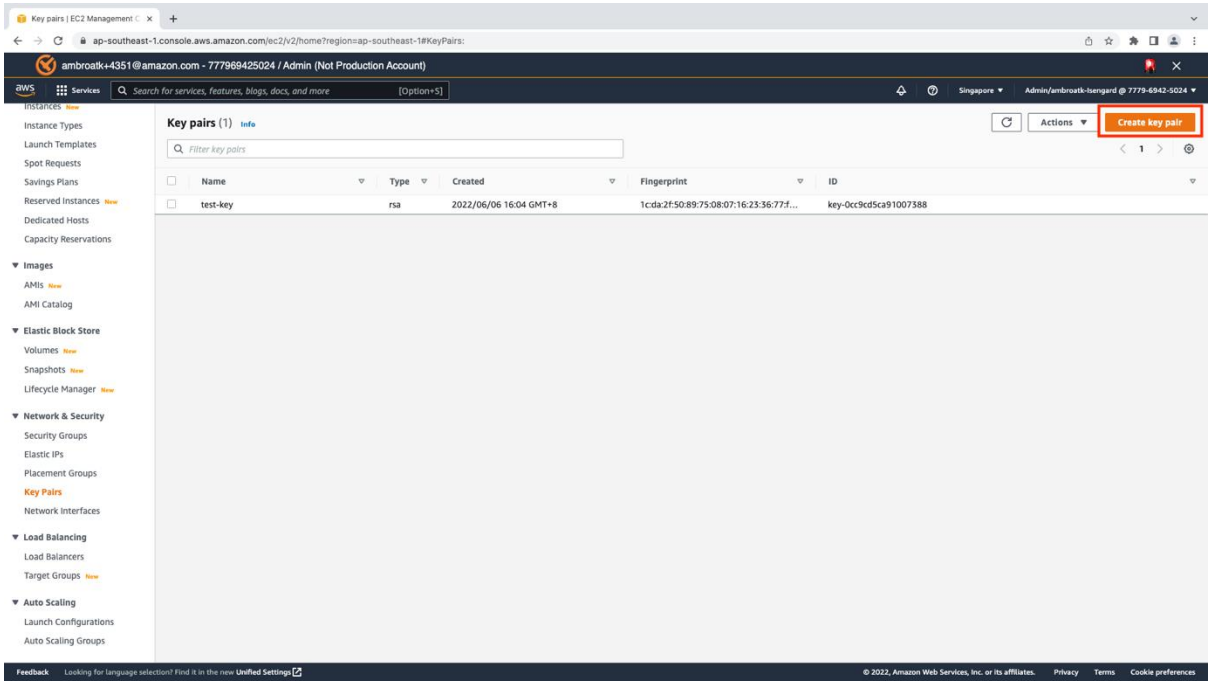
An existing EC2 Key pair is needed. If you already have an existing EC2 Key Pair, skip the “Creating EC2 Key Pair” portion and proceed to the “Deploying Template Using CloudFormation” portion.

Creating an EC2 Key Pair

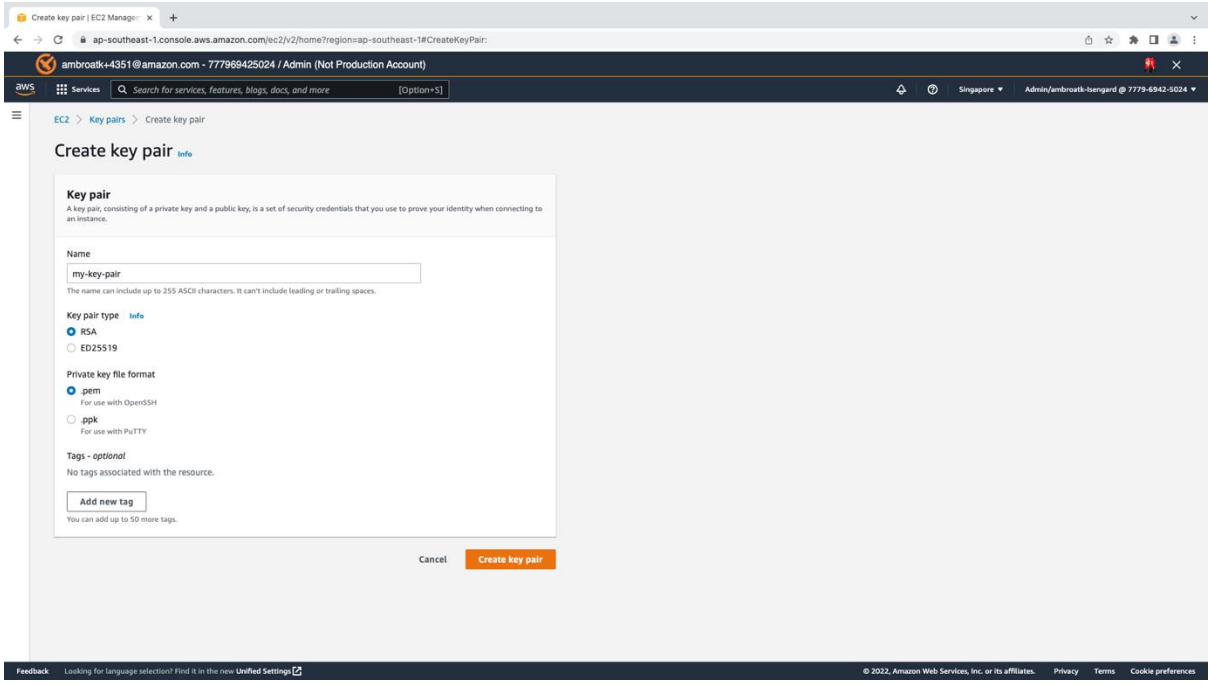
1. On the AWS console, navigate to the EC2 service.
2. Under Network and Security, click on “Key Pairs”.



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

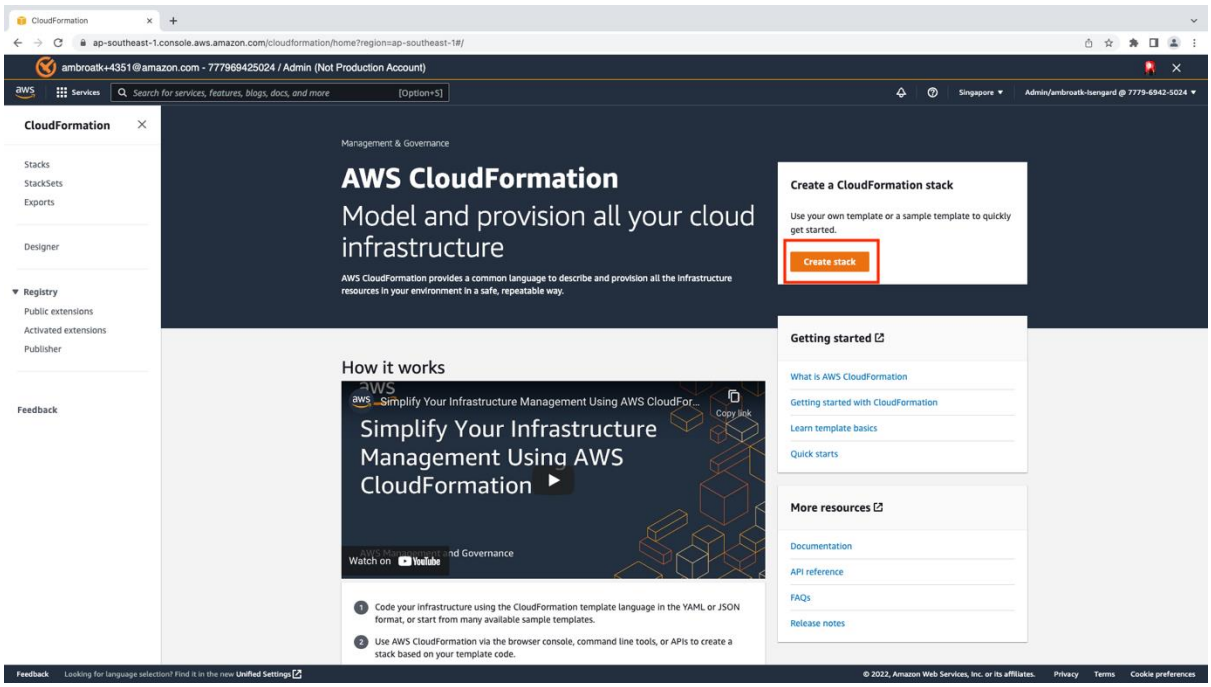


4. Enter a name for the Key Pair. Ensure that the “RSA” type and “.pem” format is selected.
5. Click on “Create key pair”.

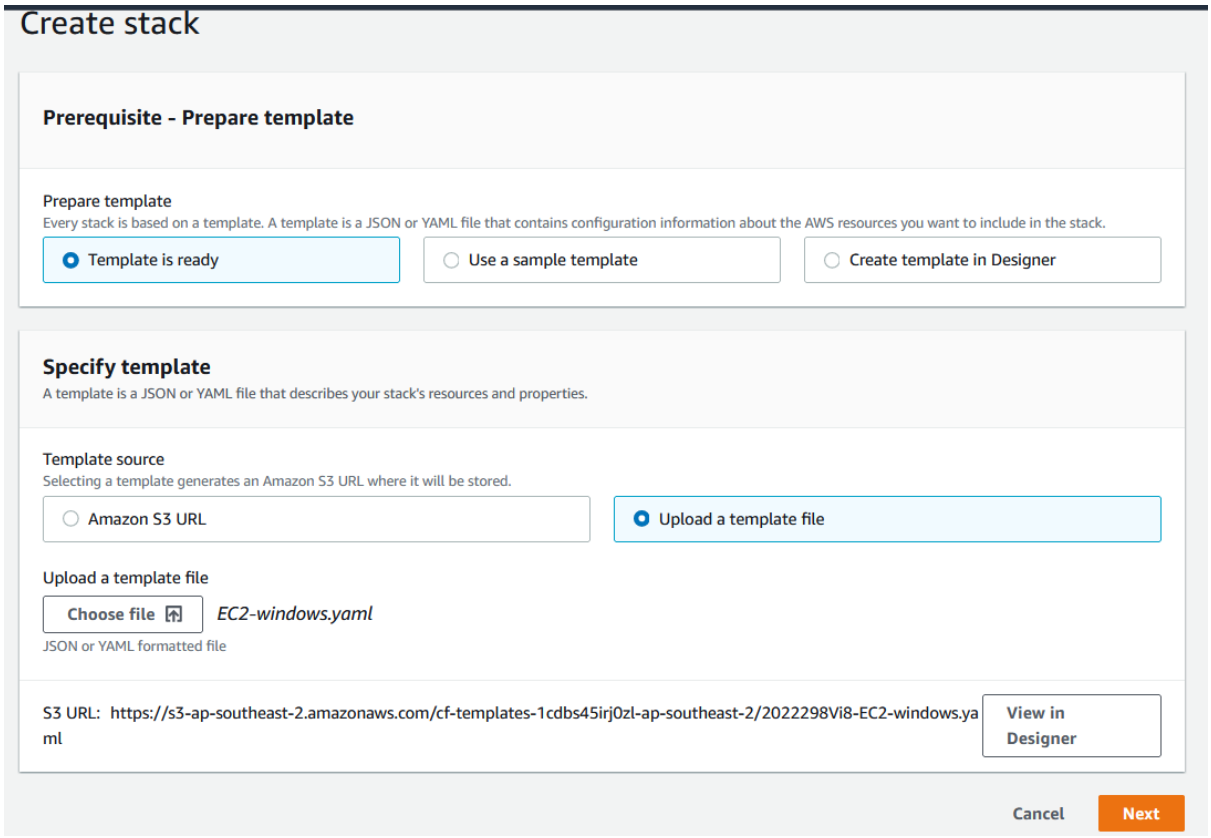


Deploying Template Using CloudFormation

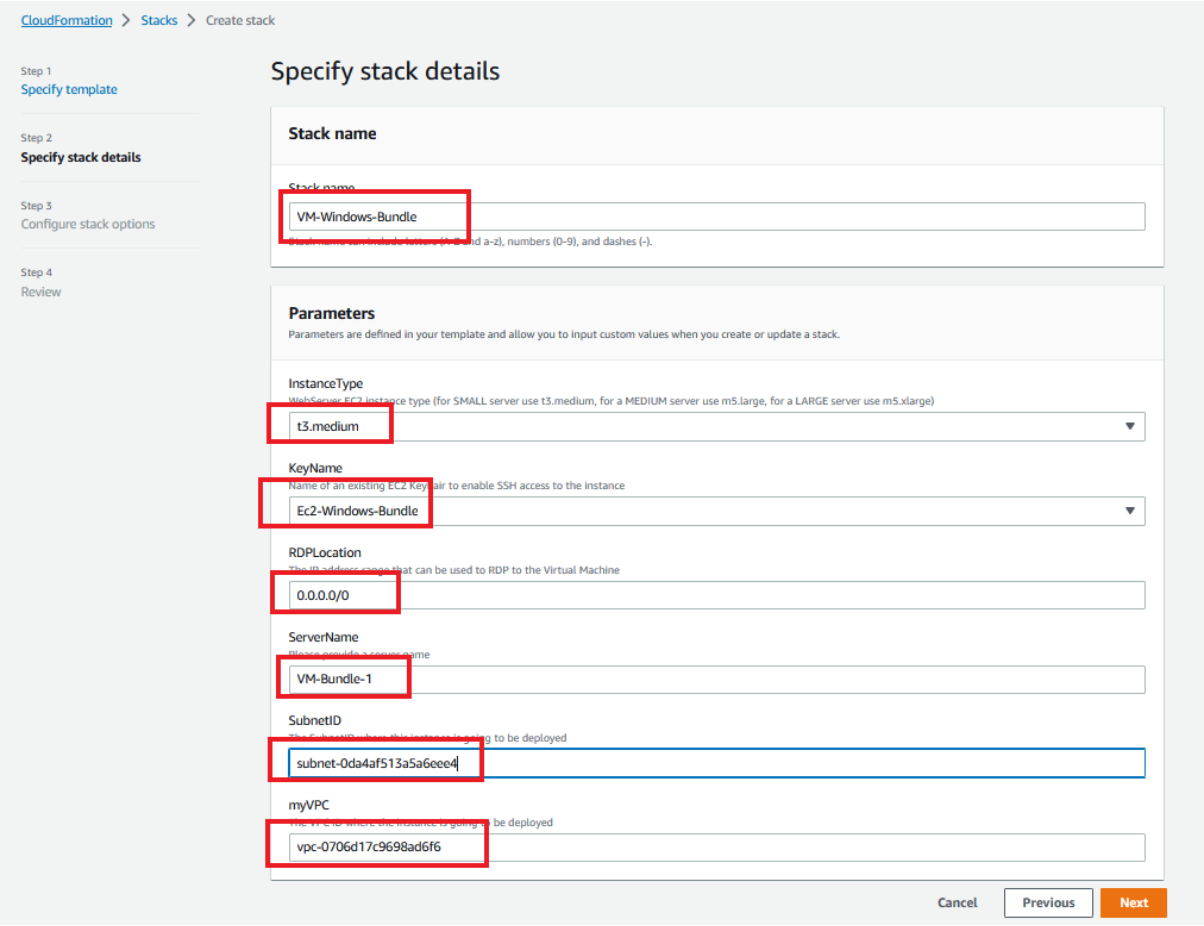
1. On the AWS console, navigate to the CloudFormation service. Click “Create stack”.



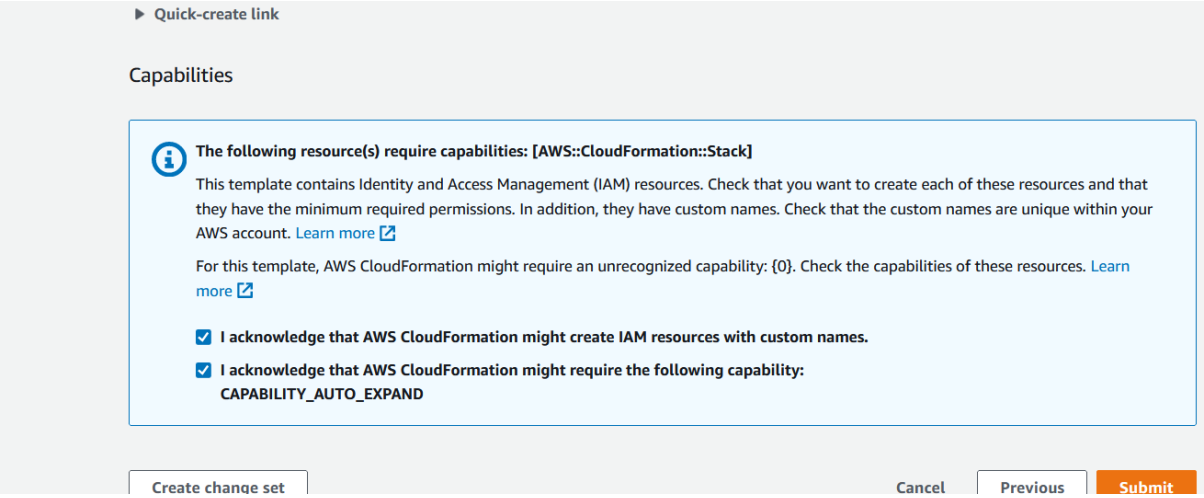
2. Select “Upload a template file”
3. Click on “Choose File”, then select the “EC2-windows.yaml” file. Click “Next”.



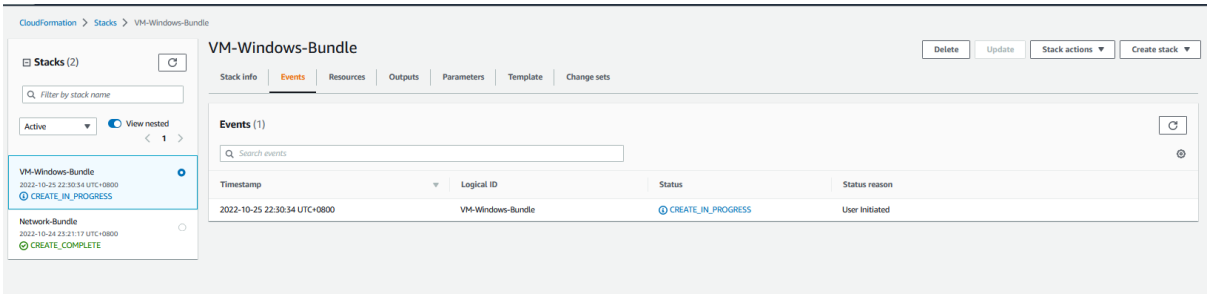
4. In the next page, enter a name for the stack.
5. Select the Virtual Machine size: for SMALL server use t3.medium, for a MEDIUM server use m5.large, for a LARGE server use m5.xlarge.
6. Select the Network from which you want the Virtual Machine to be accessible. Use 0.0.0.0/0 for ANYWHERE
7. Type a name for your server
8. Key in the Subnet ID where you want to deploy this instance
9. Key in the VPC ID where you want to deploy this instance



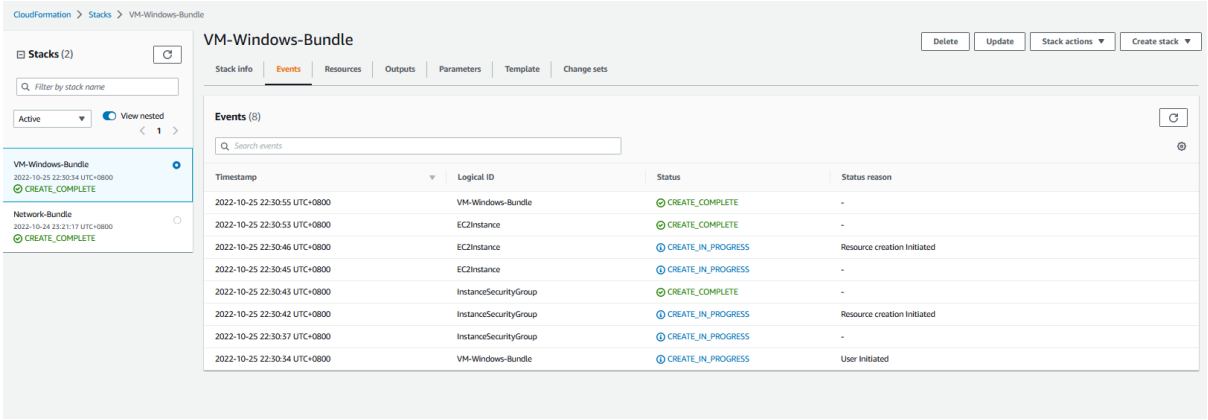
10. Click “Next”.
11. In the “Configure Stack Option” click “Next”.
12. In the “Review Page” make sure that you allow the template to create custom IAM resources and then click “Submit”.



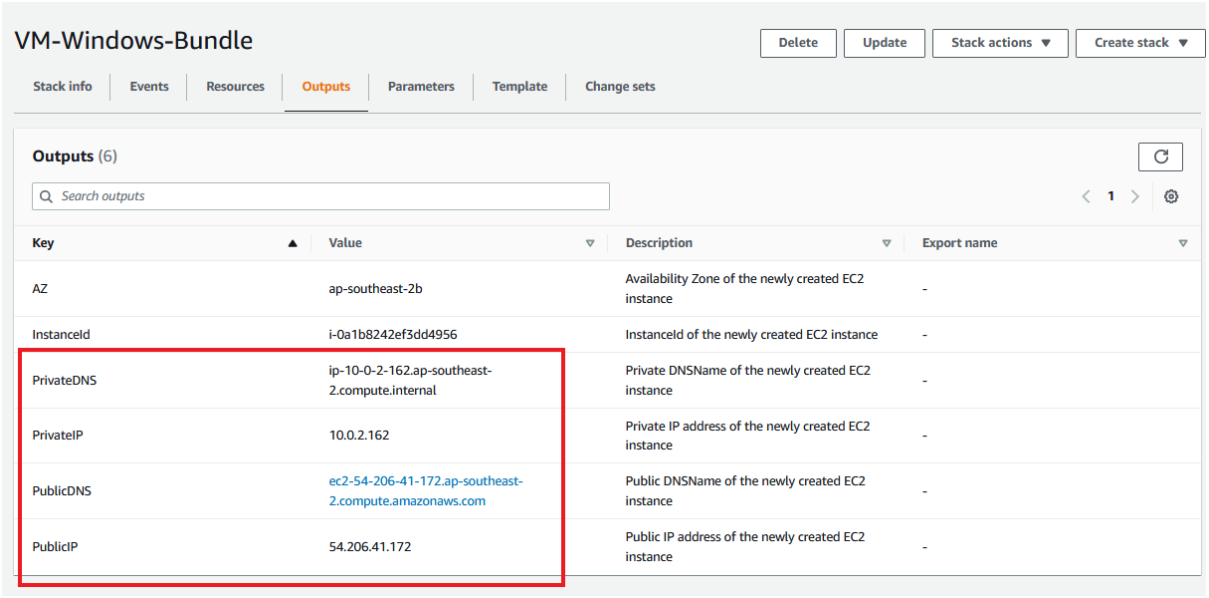
13. You will see the template being deployed.



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



15. The created stack should look like this. All the resources have now been created and deployed.
16. Click on the “Outputs” tab to retrieve information about your server



17. Use this public IP to remote to your Virtual Machine if it is in a public subnet, or use the private subnet if you are using a Bastion host/jump server to access the Virtual Machine

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Have a question?

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