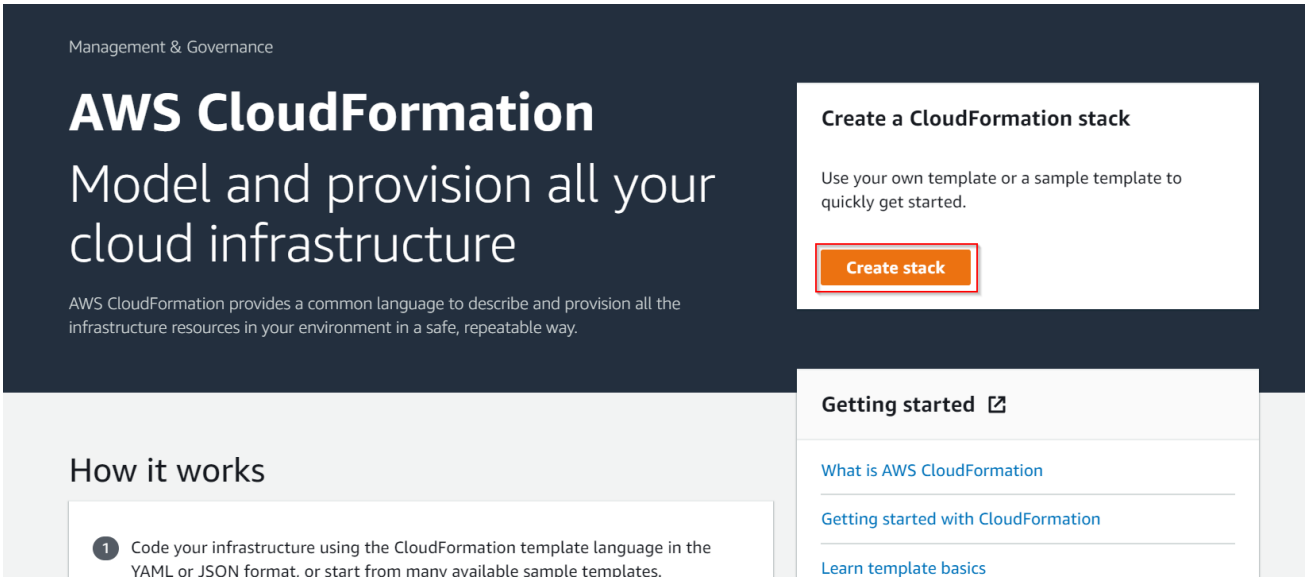
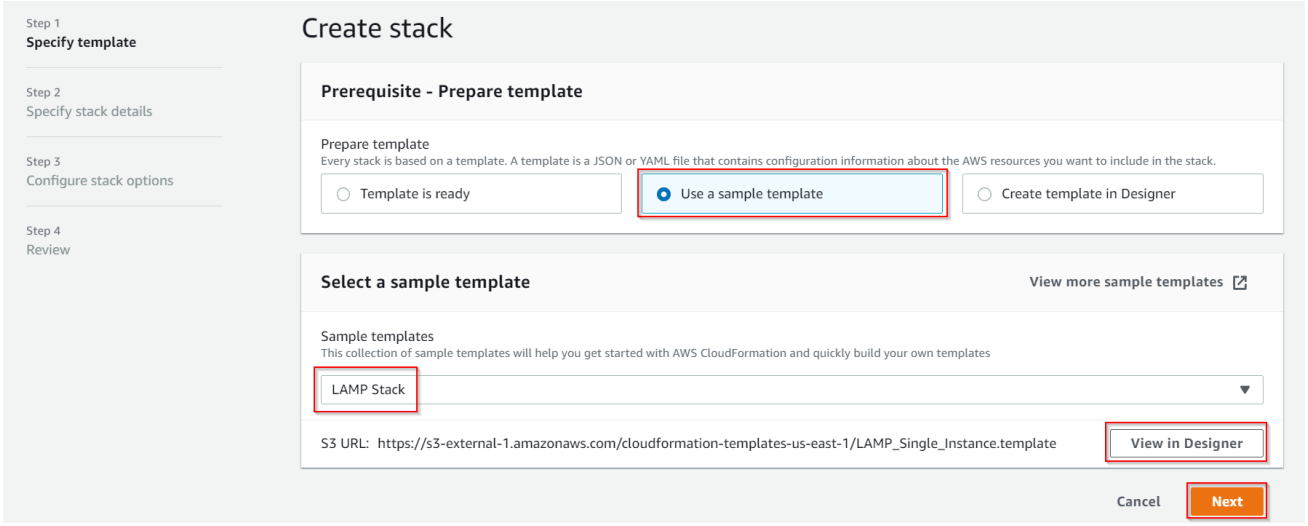
Module 7: Hands-On: Creating a Stack

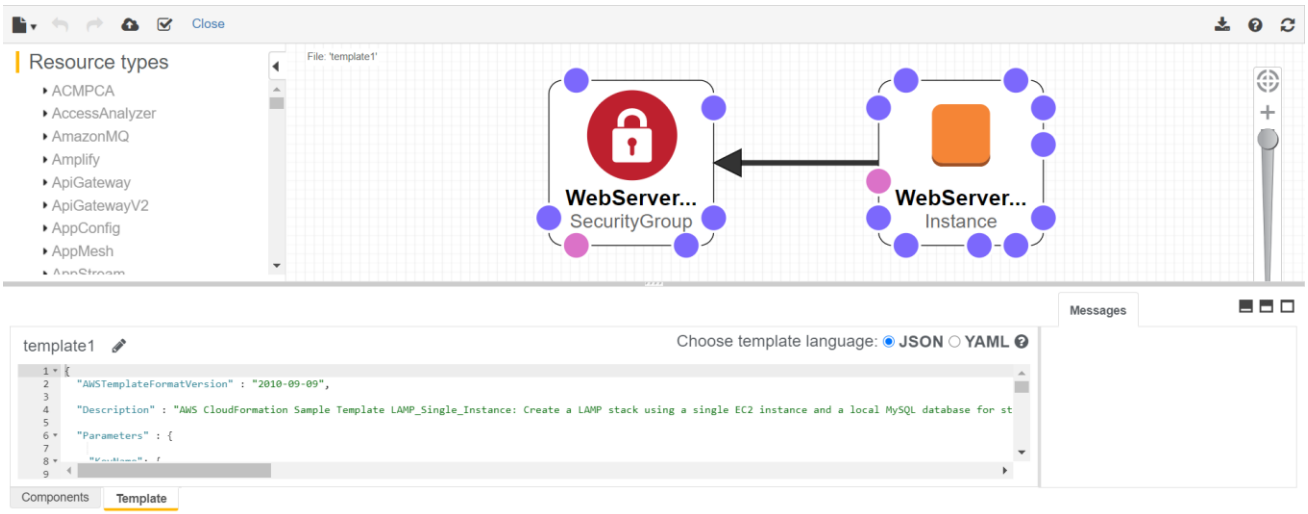
Step 1: Click on **Create stack** in the CloudFormation console



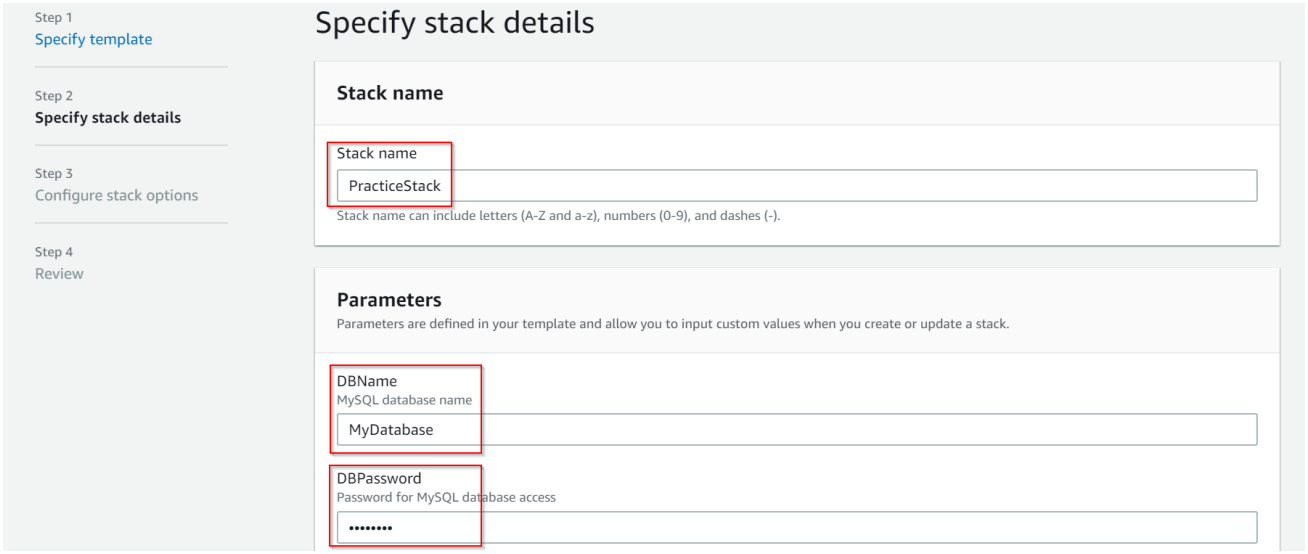
Step 2: As this is just an example for how to create a stack, choose **Use a sample template**and choose a simple stack like the one in this image, LAMP stack. You can either click on **View in Designer** to view the physical architecture or click on**Next** to give the parameters



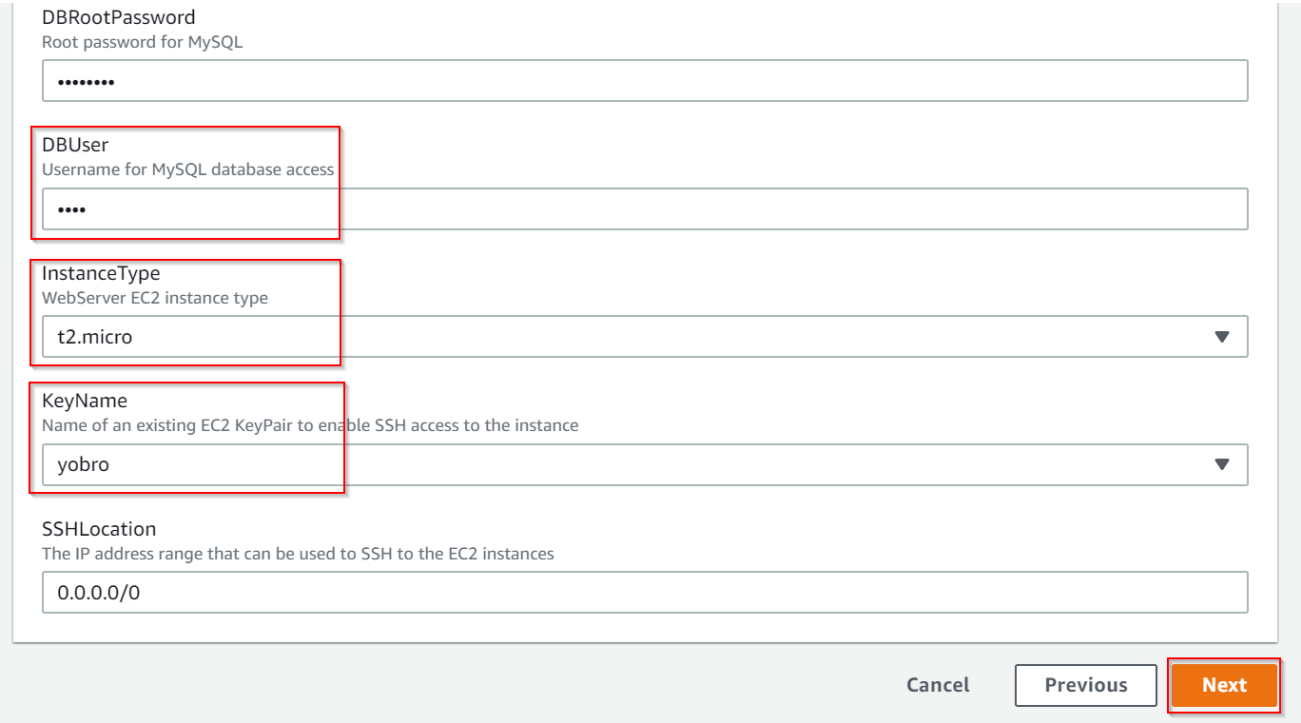
Step 3: This is how the Designer looks. There are two main concepts, an EC2 instance and a security group. From here, you can click on the Create stack button to proceed



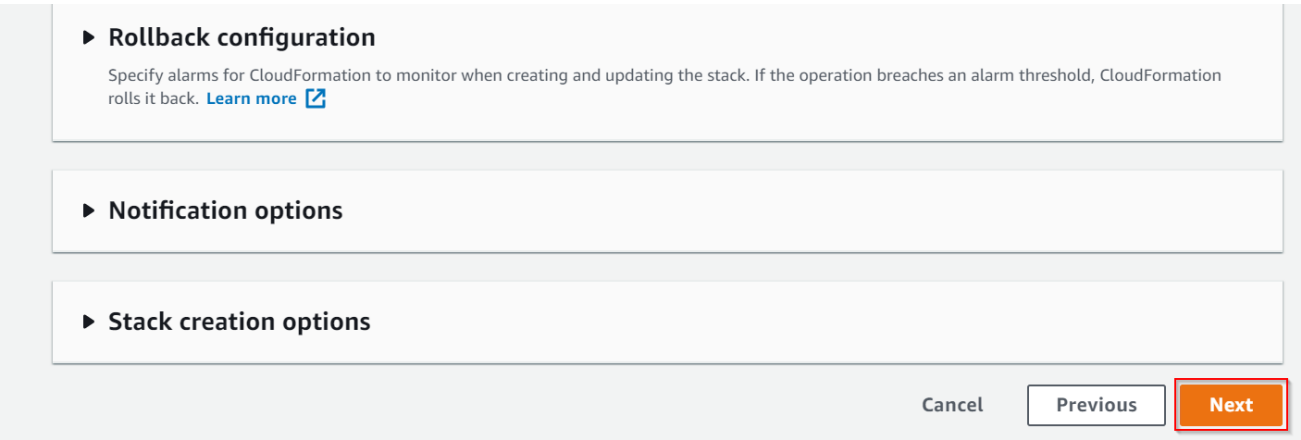
Step 4: When you click on the Next button, you will have to provide certain details to create the stack. Here give the Stack name, Database name and the Database password



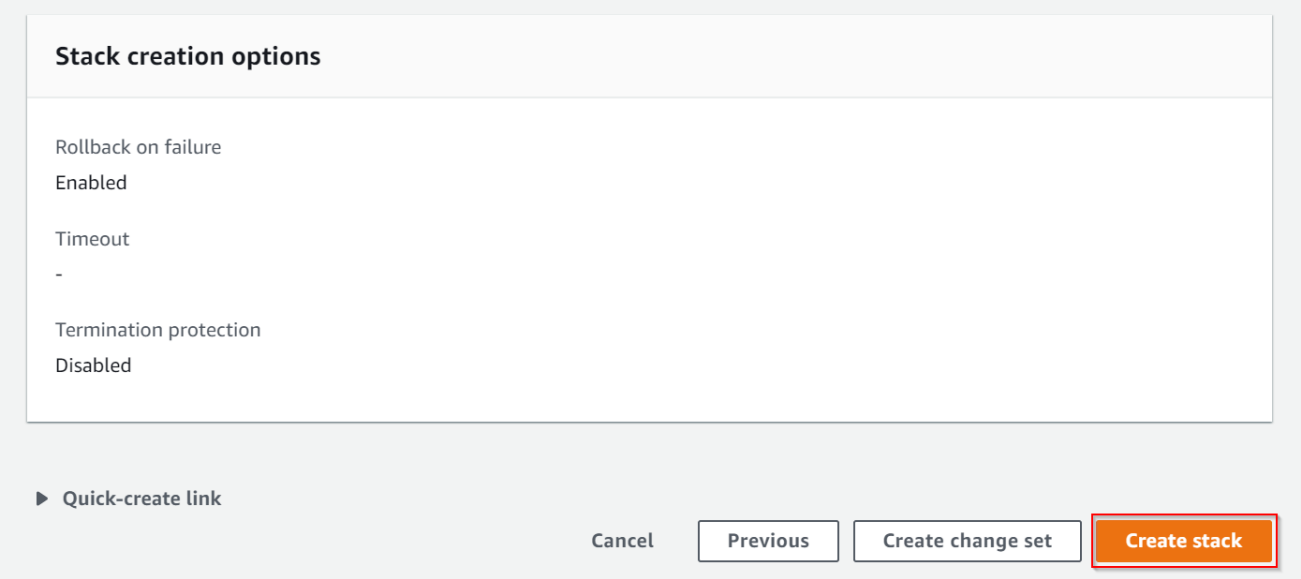
Step 5: There are more details to provide. For free tier eligibility, choose **t2.micro** instance type, then choose a keypair name, and then click on **Next**



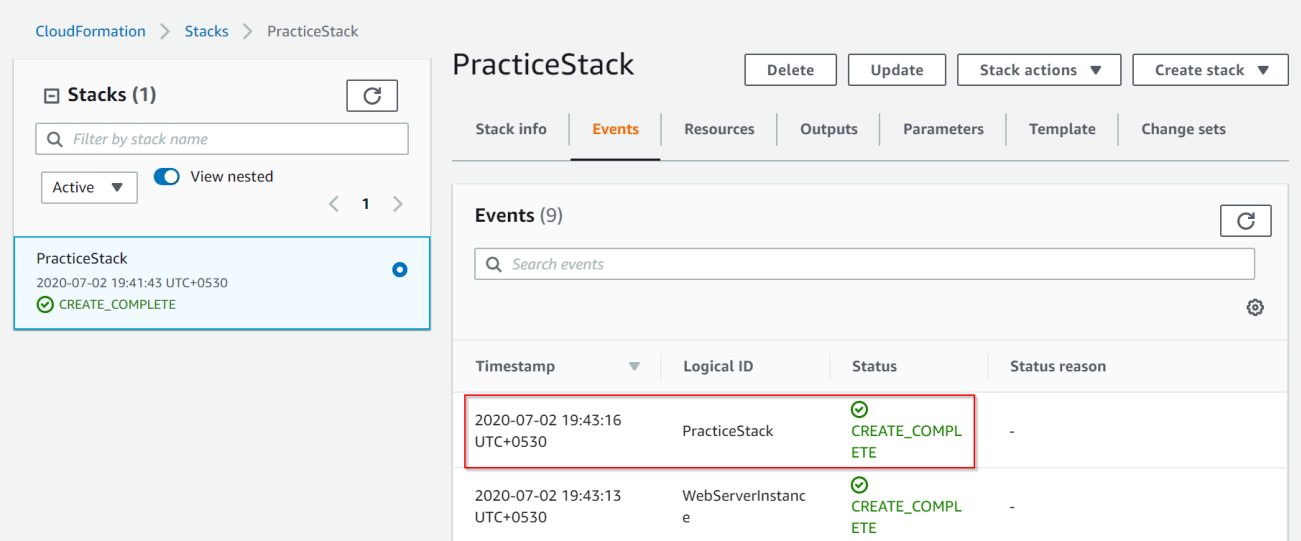
Step 6: In the next page, keep everything at default and click on**Next**



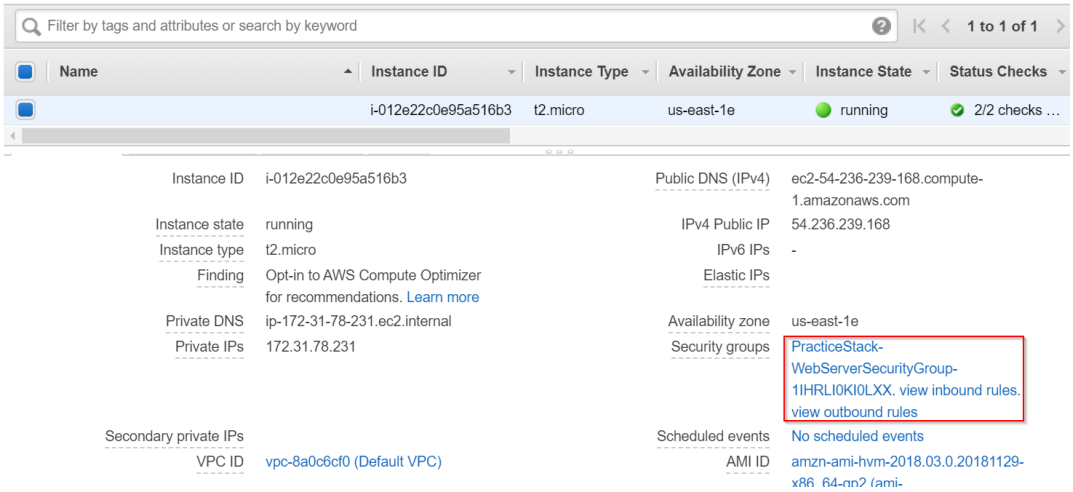
Step 7: In the final page, review and click on**Create stack** to start the process



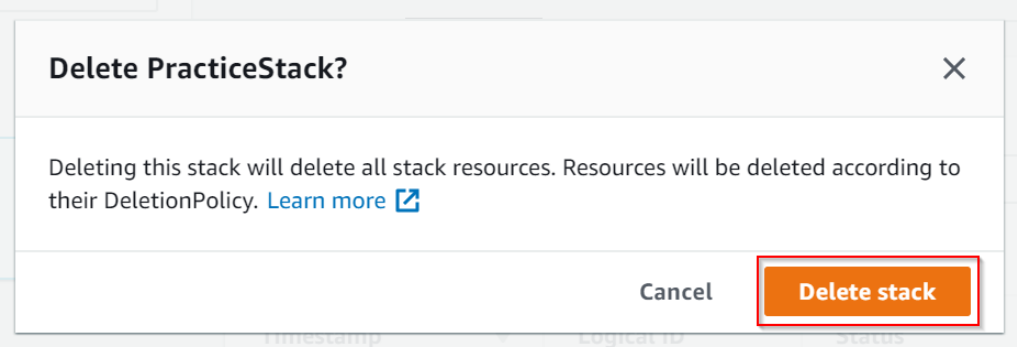
Step 8: Wait until the status shows **CREATE_COMPLETE**. This means, your stack is successfully created



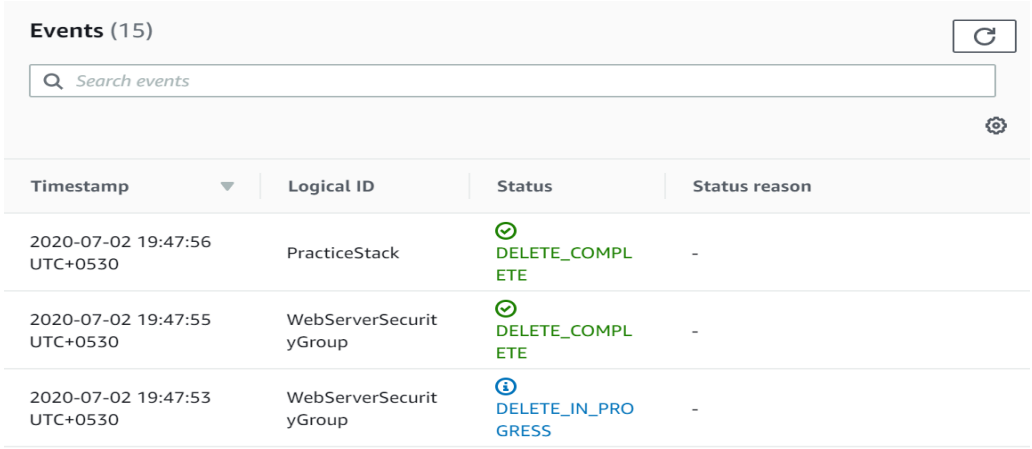
Step 9: This step is just for verification, i.e., to check if your instance is successfully created



Step 10: Once the work is done, you can simply delete the stack which will delete all the resources created by the stack



Step 11: When the status is **DELETE_COMPLETE**, all the resources are removed



Step 12: You can see if the resources are deleted completely by checking if the instance is terminated