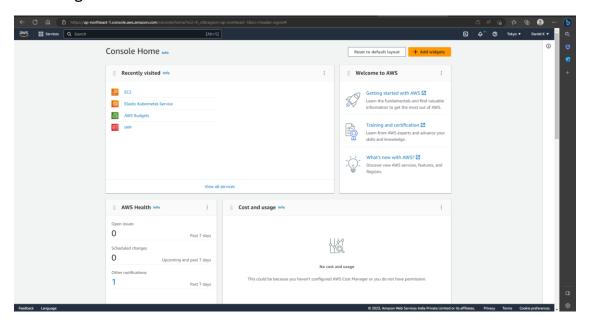
## **Devops Assignments- Module 9- Introduction to AWS DevOps Services**

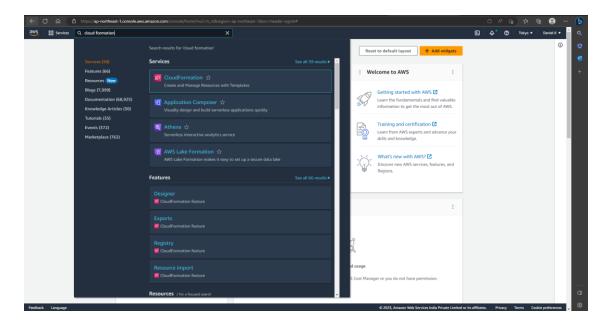
## Assignment 1 - Create a Stack using an AWS CloudFormation.docx

In this Assignment we will use a pre- configured sample template that creates an Amazon EC2 instance and installs WordPress with a local MySQL database for storage on it.

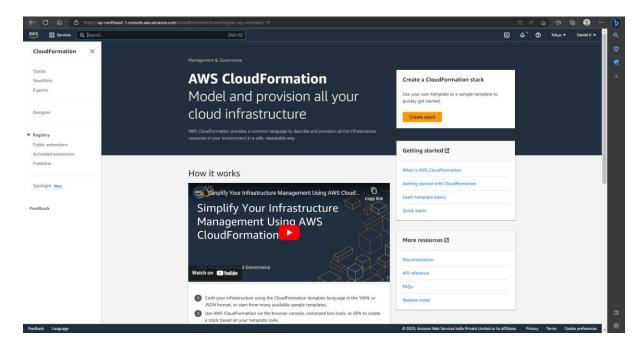
- 1. Create CloudFormation Stack using template that declares the resources for a WordPress blog, creates a WordPress blog as a stack, monitor the stack creation process, examine the resources on the stack, and then delete the stack:
- Sign into AWS console



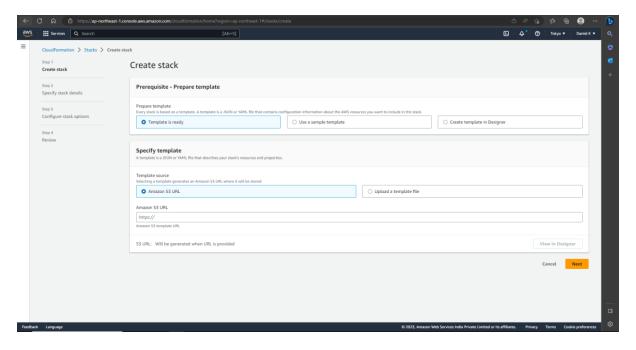
In AWS console search box search cloud formation.



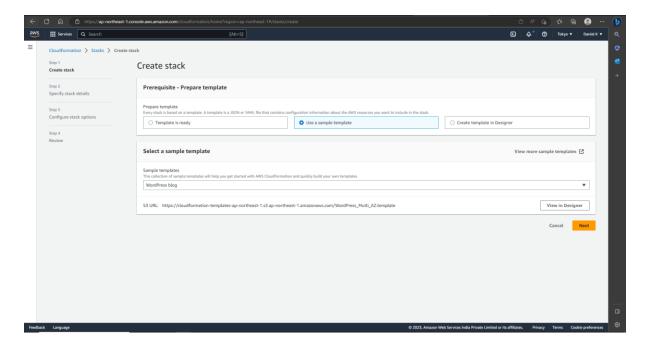
• Click on CloudFormation and It will open a CloudFormation page



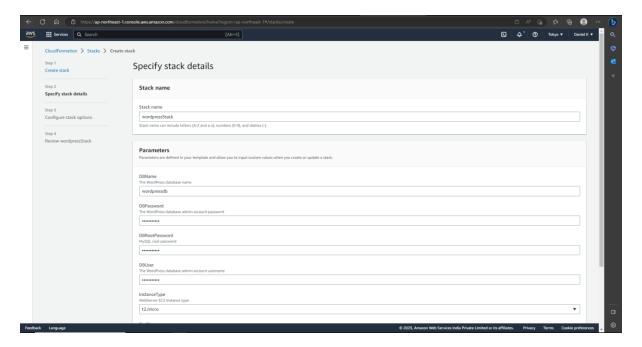
Click on create stack for Creating a new Stack



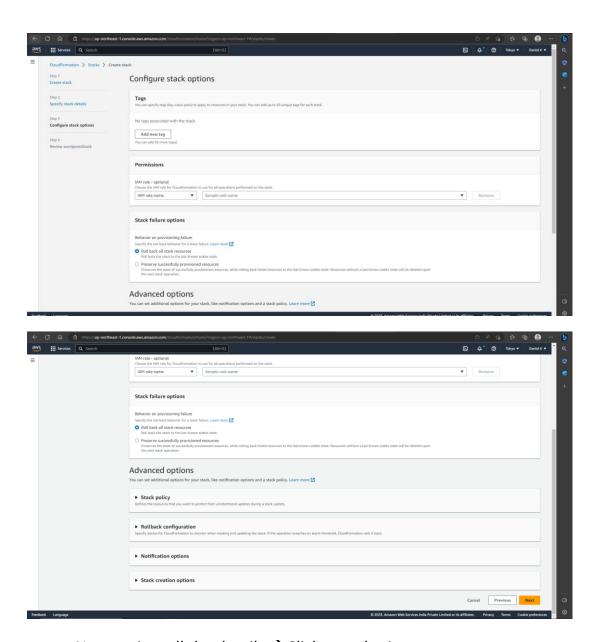
 Select → Use a sample template → under sample template select wordpress blog → Click on next.



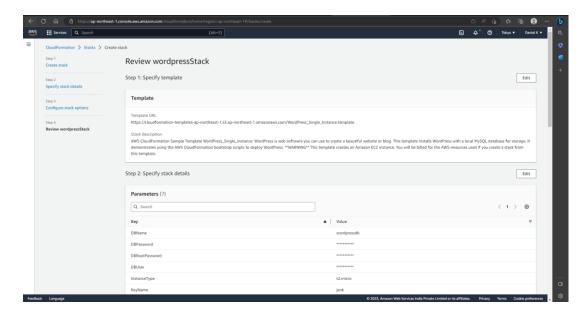
 Under stack details give name for stack → Enter DB password → select instance type, key pair and all details →click on next

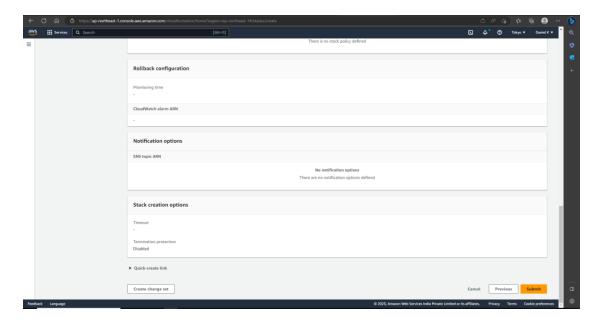


• Under configure stack options → review tags, IAM role → click next

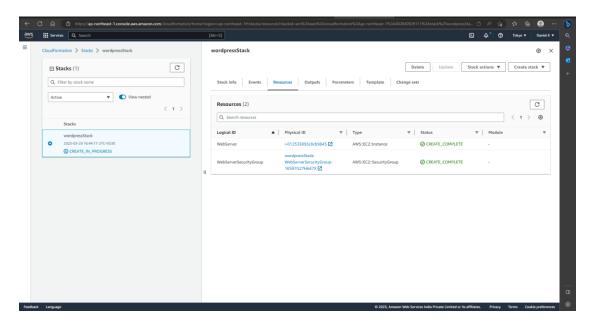


• Next review all the details → Click on submit

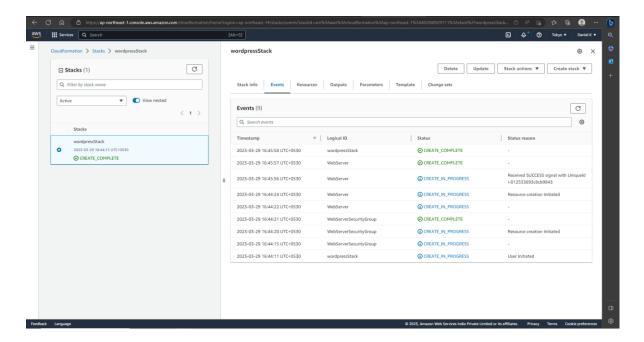




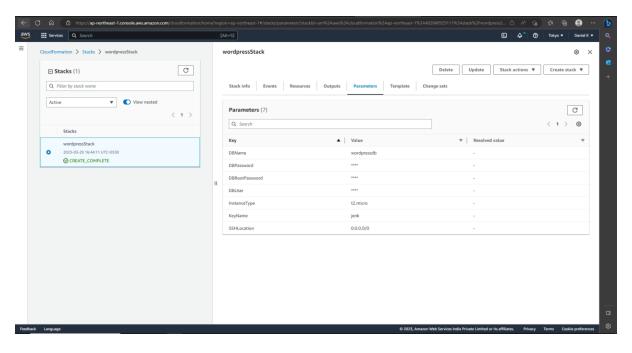
• Here it will create stack with one ec2 instance as we can see in resource



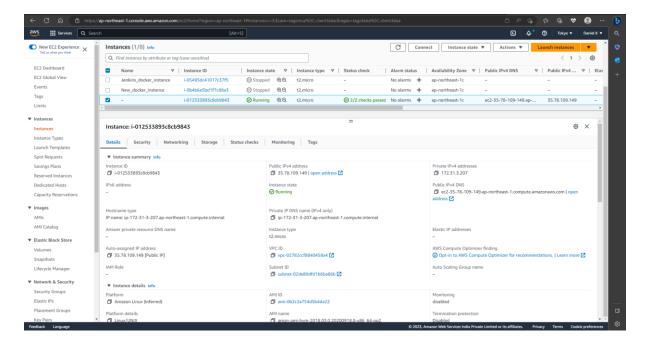
Under events it shows the details about wordpress



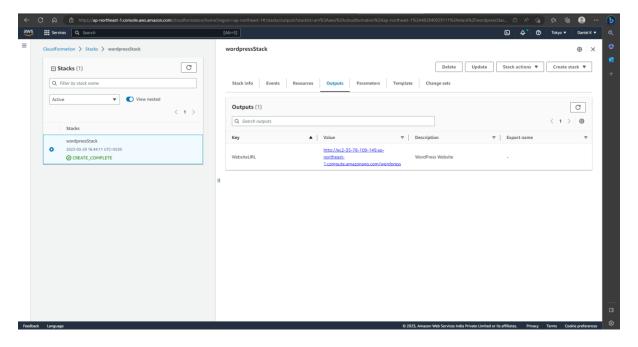
• In parameter tab it will show the provided data as DB name, instance type, keypair etc.



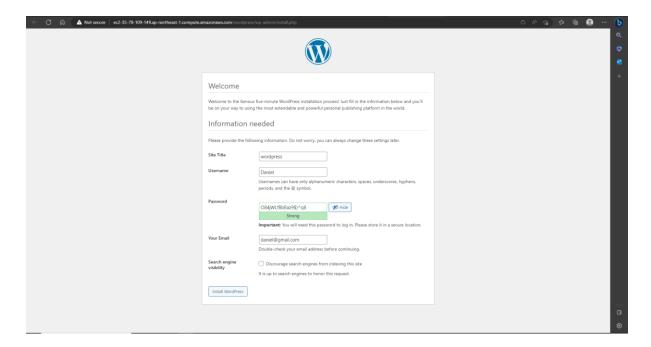
• An instance will be created



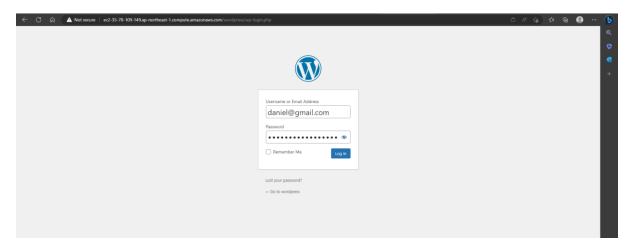
• In output tab stack is created on URL.



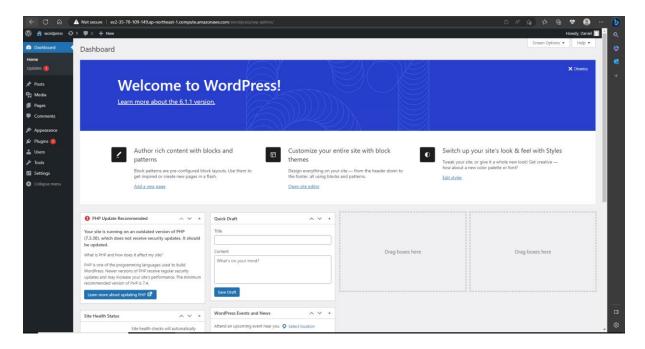
- Click on the URL or open in another page → It opens installation page of wordpress.
- Fill all details and click on install wordpress.



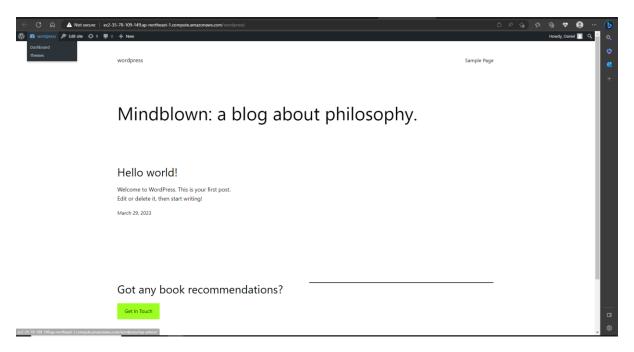
After installing, Login in to wordpress



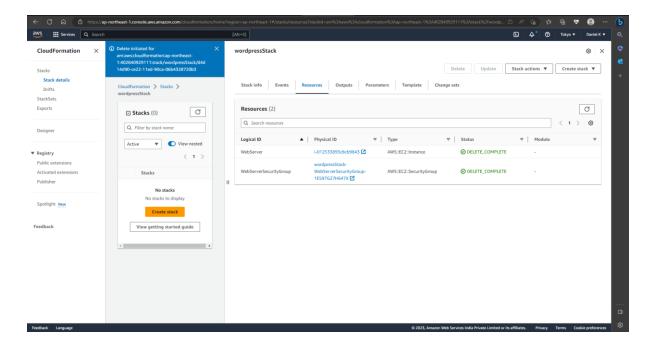
• Wordpress Stack has been successfully created.



• Close the current tab URL and go to the cloudformation stack, again open the URL in browser it will show the provided wordpress name.



 Deleting the stack, it will delete the created ec2 instance as we can see in resource.



Instance is also deleted when we delete the stack.

