

AWS CloudFormation Assignment

Please review the below assignment on CloudFormation independently and complete as a group.

NOTE:

- Make your templates dynamic, no hard coding values in your template.
 - The assignment will be due next workshop (August 21st, 2021)
 - Each Group should be ready to present to the class
- 1) Create a folder in Documents and call it "Personal-Project-CFTs"
 - Create a COPY of the CFT we completed on Saturday and save it in the above folder
 - Please make sure you do not use the same CFT we worked on last week rather create a COPY and save in the above folder.
 - 2) On the copied CFT;
 - Create an Internet Gateway (Be consistent in the naming)
 - Attach the internet gateway to your VPC
 - 3) Route Tables
 - Create A Public and Private route table (Be consistent in the naming)
 - Create an additional route on the public route table that provides Internet access
 - Create Subnet association for both your public and private subnet
 - 4) Create a Security Group for web servers with the below description (Be consistent in the naming)
 - a) Web Servers Security Group
 - Open port 80 and port 22
 - Source: Open both ports to anywhere (you could limit it for port 22 to your IP if you want)
 - 5) Launch a Web Server using the below Specifications (Be consistent in the naming)
 - AMI: RHEL 8
 - Instance type: t2.micro
 - Network: JJTechVPC public subnet
 - Security Group: Use the above security group for web servers
 - Key Pair: Provide an existing key
 - 6) Once you are done scripting the above defined resources, validate and deploy your template.

NOTE:

- Must be completed using CloudFormation.
- Also you should be able to Remote into your web server if you succeed in deploying your template.
- RESEARCH!! RESEARCH!! RESEARCH!!