AWS CloudFormation Master Class v2 [2022]

Course Objectives:

* Learn CloudFormation and master all its concepts.
* Go through Hands On examples to practice what we learned.
* Learn how to use YAML to write the CloudFormation templates.
* Learn how to write your infrastructure as code(laC).
* Launch Several templates.
* Advanced concepts overview

Who is this course for?

* Developers who want to learn about AWS CloudFormation and how to write templates.
* Devops who want to learn how deploy and orchestrate CloudFormation templates.
* Solutions Architect who wants to understand the benefit of using CloudFormation to manage infrastructure and steer their team to use CloudFormation.

Prerequisites:

* Basic Knowledge of AWS is required.
* AWS IAM
* AWS S3
* AWS EC2, Security Groups, Autoscaling groups.
* AWS Lamba
* A Few others…
* Knowledge of JSON and/or YAML is preferred.
* Recent MacOS /Linux /Windows Machine
* Lots of desire to learn new exciting things!!

Lesson 2:

What is CloudFormation:

* CloudFormation is a declarative way of outlining your AWS Infrastructure, for any resource (most of them are supported).
* For Example, within a CloudFormation template, you say:
* I want a security Group.
* I want two EC2 Instance using this security Group.
* I want two Elastic Ips for these EC2 instances.
* I want an S3 Bucket.
* I want a load Balancer (ELB) in front of these EC2 Instance.
* Then CloudFormation creates those for you, in the right order, with the exact configuration that you specify.

CloudFormation Template Example:


        A screenshot of the Designer with its panes and components numbered.
      