**Objective:**

Use CM tools such as Puppet, Ansible, or Chef to automate the installation of basic Drupal or WordPress. Setup a sample site. Automate the solution using Cloudformation template.

**Deliverable:**

A CloudFormation template that accepts user inputs as parameters where applicable ( for example, Admin password). This template should setup VPC, create subnets, launch a CM instance, pull the necessary code (modules, classes, recipes etc) from a GIT repo (or S3), and configure the web instance for basic Drupal or Wordpress setup.

**Description**:

The final template is WordPressCloudFormationTemplate, and when deploy, it will create

1. **a VPC with the following resources:**

1 VPC with CIDR Block [50.0.0.0/16]

2 Subnets (1 Private [(50.0.2.0/24) and 1 Public (50.0.1.0/24)]

2 Route Tables (1 for PublicSubnet, 1 for PrivateSubnet)

1 InternetGateway for Public Access of our WordPress Application

1 NAT Gateways for Secure access to our private subnet

1 Elastic IPS for the NAT Gateway

**B. Creates a Wordpress Installation and exits with a link to the installation via**

**C. Installs Chef on the EC2 instance for managed DevOps.**

**Stack description**

AWS CloudFormation Template VPCWordPessChef: This template creates a VPC, a public and private subnet, routetables, IGW, a Chef Managed EC2 Instance, and a WordPress Installation.