## **AWS CloudFormation Template for EC2 Instance**

AWSTemplateFormatVersion: "2010-09-09"

Description: Automate package management on an EC2 instance running Rocky Linux

Resources:

MyInstance:

Type: AWS::EC2::Instance

Properties:

InstanceType: t2.micro # Specifies a low-cost, general-purpose instance type

ImageId: ami-0abcd1234efgh5678 # AMI ID for Rocky Linux 9 (replace with valid ID for your region)

KeyName: my-key-pair # SSH key pair for secure access to the instance

UserData:

Fn::Base64: !Sub |

#!/bin/bash

# Update all installed packages to the latest versions

sudo dnf update -y

# Install the Apache HTTP server

sudo dnf install -y httpd

# Start the Apache service

sudo systemctl start httpd

# Ensure Apache starts automatically on boot

sudo systemctl enable httpd

Tags:

- Key: Name

Value: MyEC2Instance # Name tag for easy identification in the EC2 Dashboard