## **EC2 INSTANCE**

### **MANAGED NODES**

PYTHON FLASK APP PORT: 22, 8000 INSTANCE-TYPE: t2.micro AMI: Amazon Linux 2023

ANSIBLE CONTROL NODE
PORT: 22
INSTANCE-TYPE: t3a.medium
AMI: Amazon Linux 2023

MYSQL DATABASE
PORT: 22, 3306
INSTANCE-TYPE: t2.micro
AMI: Amazon Linux 2023

PORT: 22, 80
INSTANCE-TYPE: t2.micro
AMI: Amazon Linux 2023



"The EC2 instances will be created manually through the AWS Management Console, and a Route 53 record will be created from the NGINX EC2 for the deployment."

# **EC2 INSTANCE TAGS**

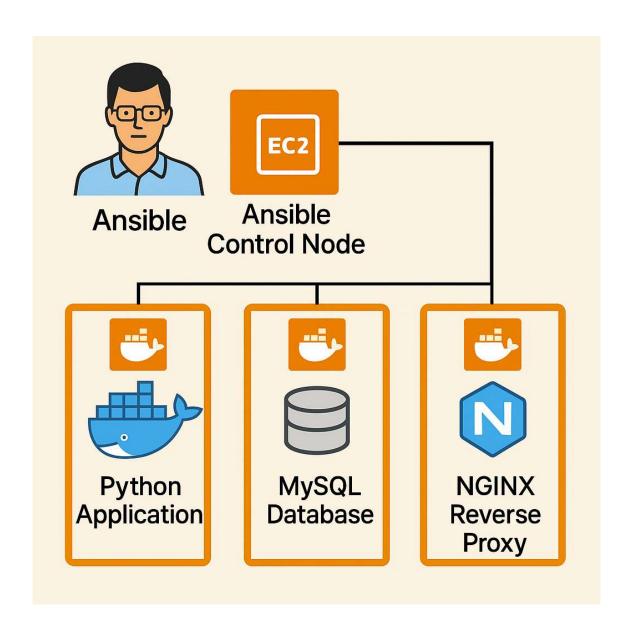
NAME: Ansible-App STACK: Ansible-Project ENVIRONMENT: PROD

NAME: Ansible-Control STACK: Ansible-Project

NAME: Ansible-Db STACK: Ansible-Project ENVIRONMENT: PROD

NAME: Ansible-Nginx STACK: Ansible-Project ENVIRONMENT: PROD







# **PLAYBOOK FILES**

## Ansible-App-Node

- 1. Install Docker
- 2. Create Image
- 3. Run Container

# Ansible-Control-Node Dynamic inventory

Ansible.cfg Playbook.yml

#### **Ansible-Db-Node**

- 1. Install Docker
- 2. Run Container

### **Ansible-Nginx-Node**

- 1. Install Docker
- 2. Run Container

