

EC2 INSTANCE

MANAGED NODES

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

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

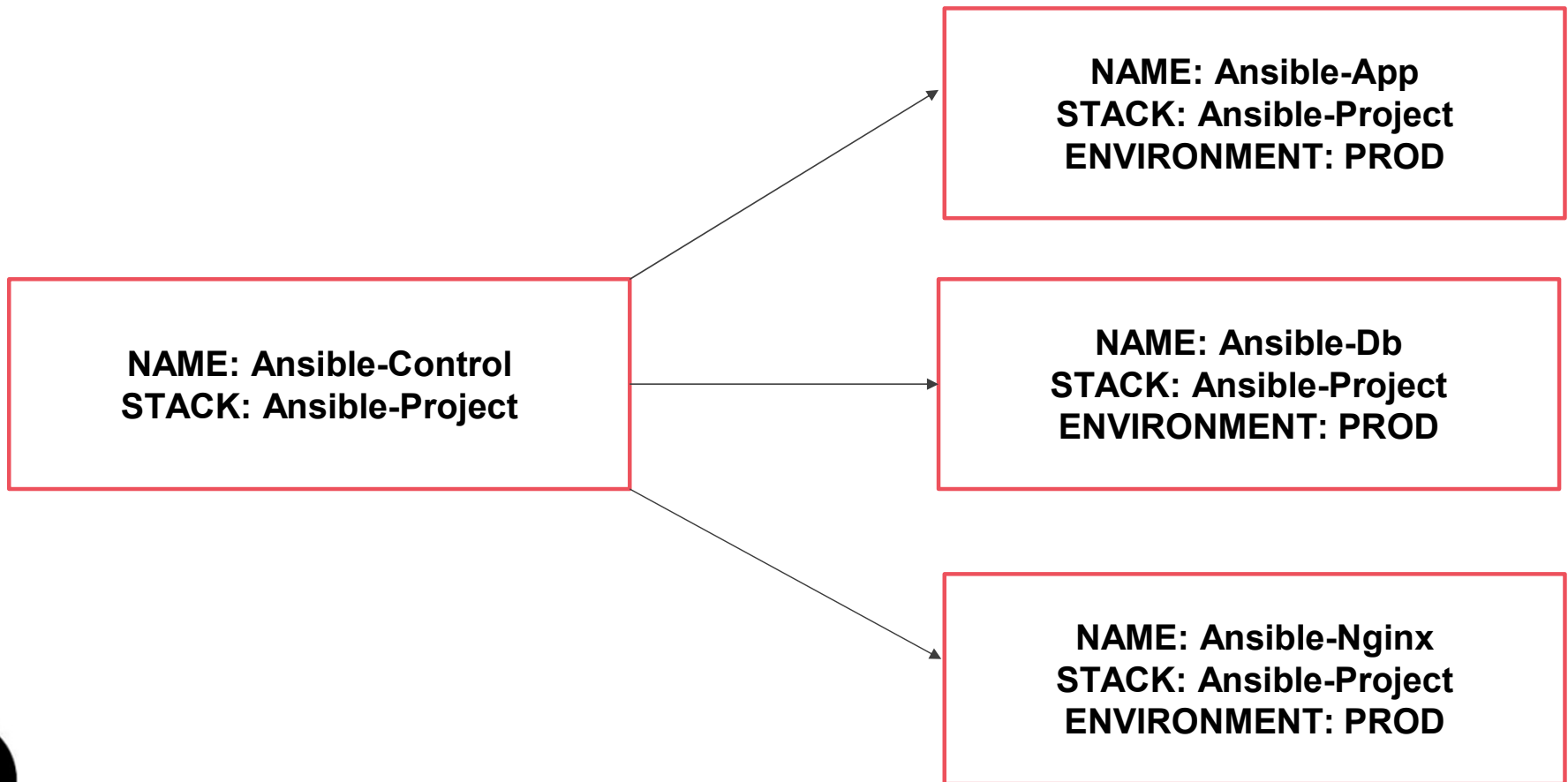
MYSQL DATABASE
PORT: 22, 3306
INSTANCE-TYPE: t2.micro
AMI: Amazon Linux 2023

NGINX REVERSE PROXY
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

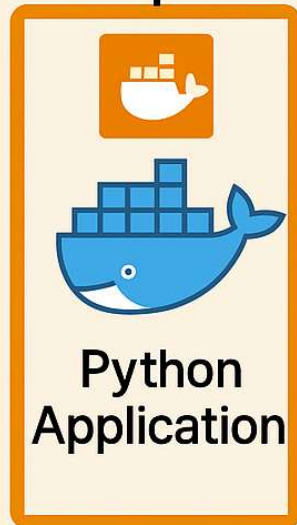




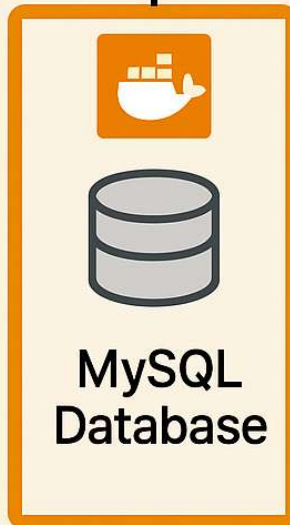
Ansible



Ansible
Control Node



Python
Application



MySQL
Database



NGINX
Reverse
Proxy



PLAYBOOK FILES

