

DATE : 11.04.2025
DT/NT : DT
LESSON : ANSIBLE
SUBJECT: PROJECT-INTRO

BATCH : B 303

AWS-DEVOPS



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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

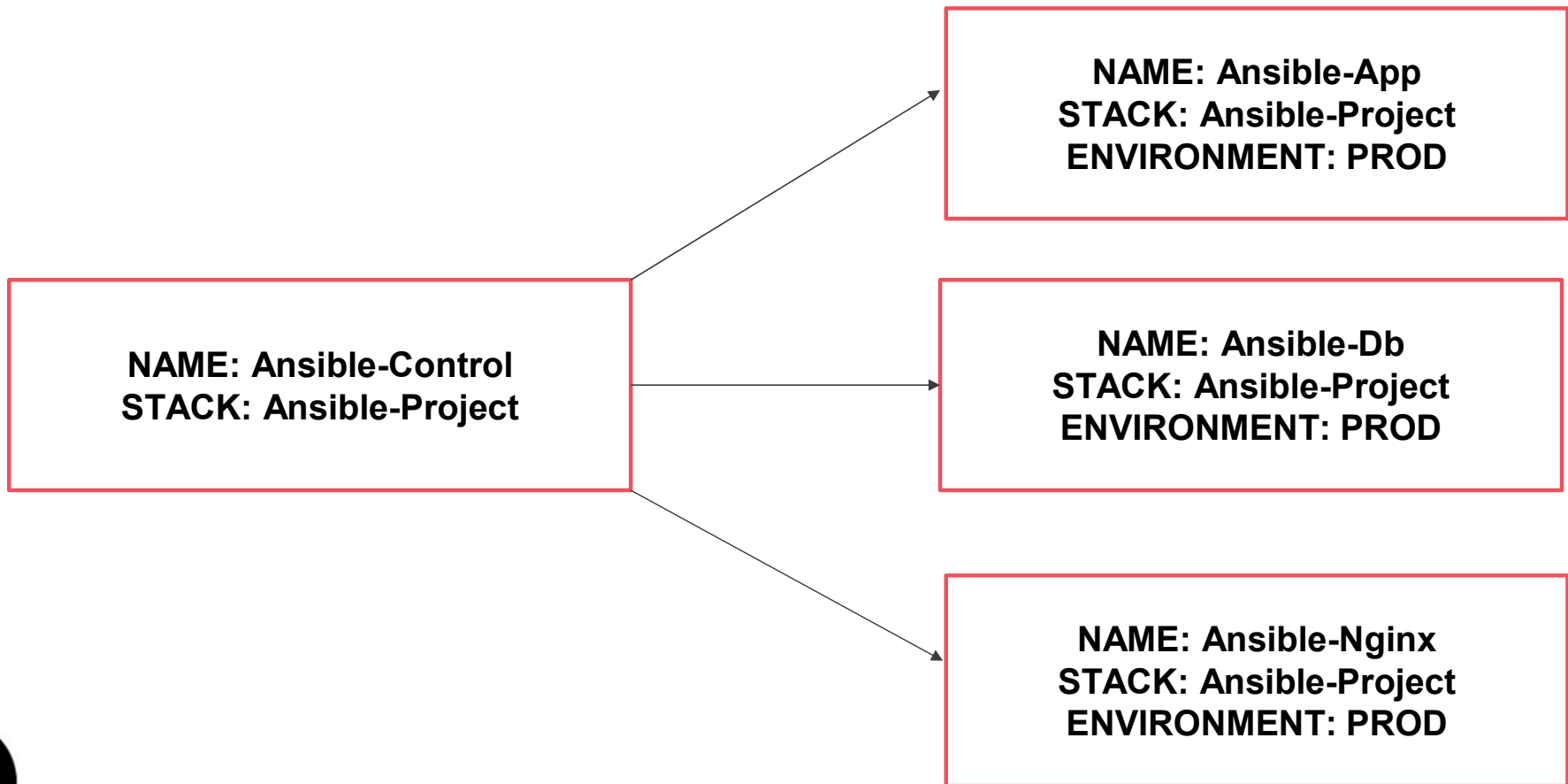
MYSQL DATABASE
PORT: 22, 3306
INSTANCE-TYPE: t2.micro
AMI: Amazon Linux 2023

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

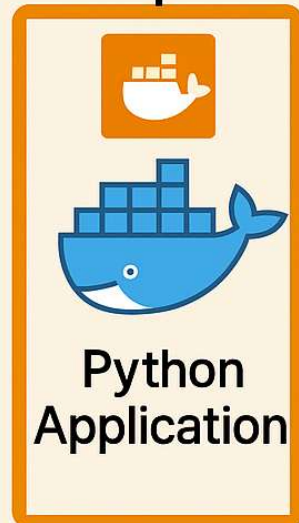




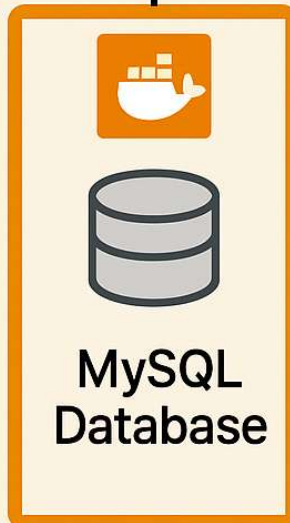
Ansible



Ansible
Control Node



Python
Application



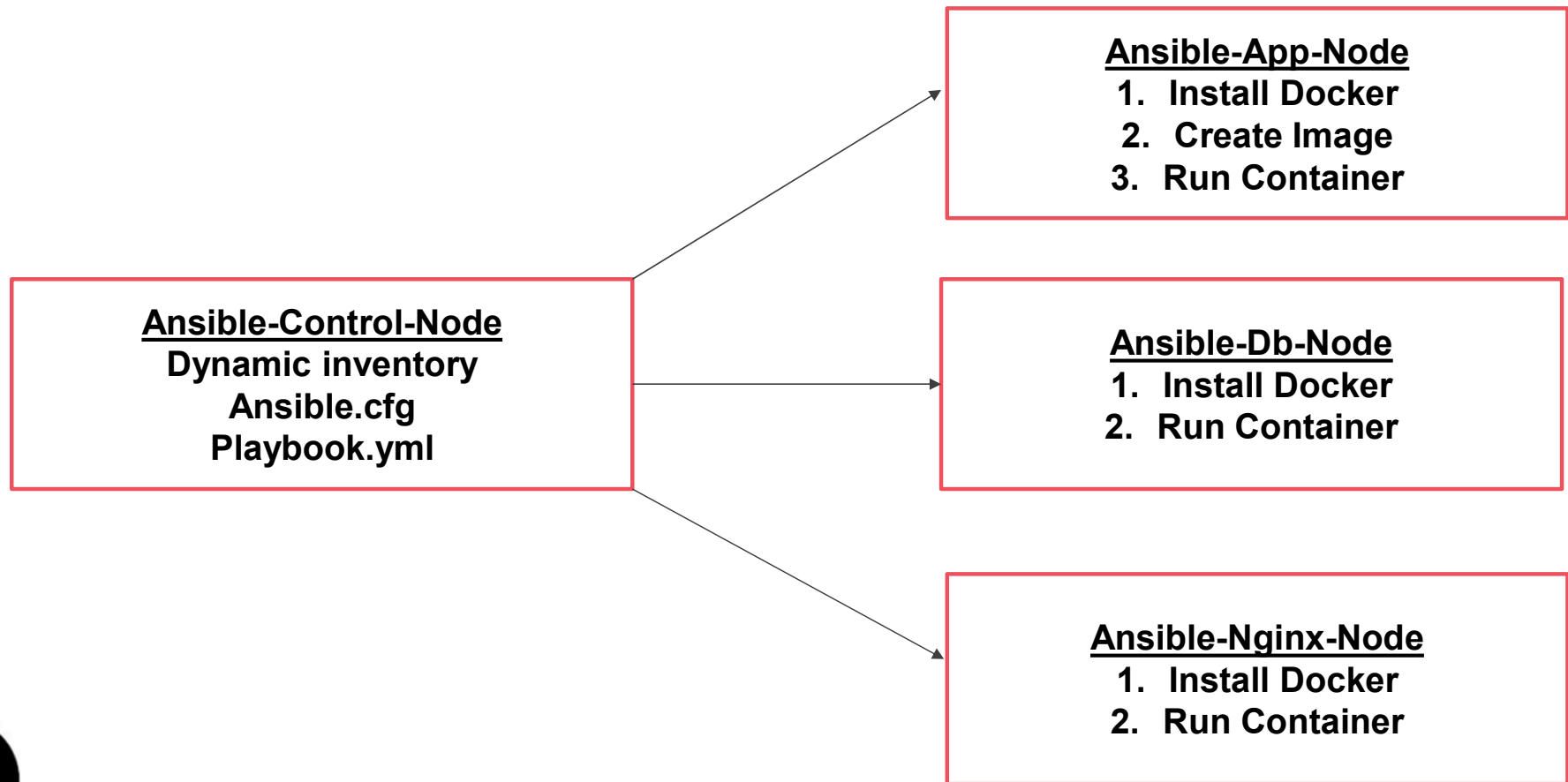
MySQL
Database

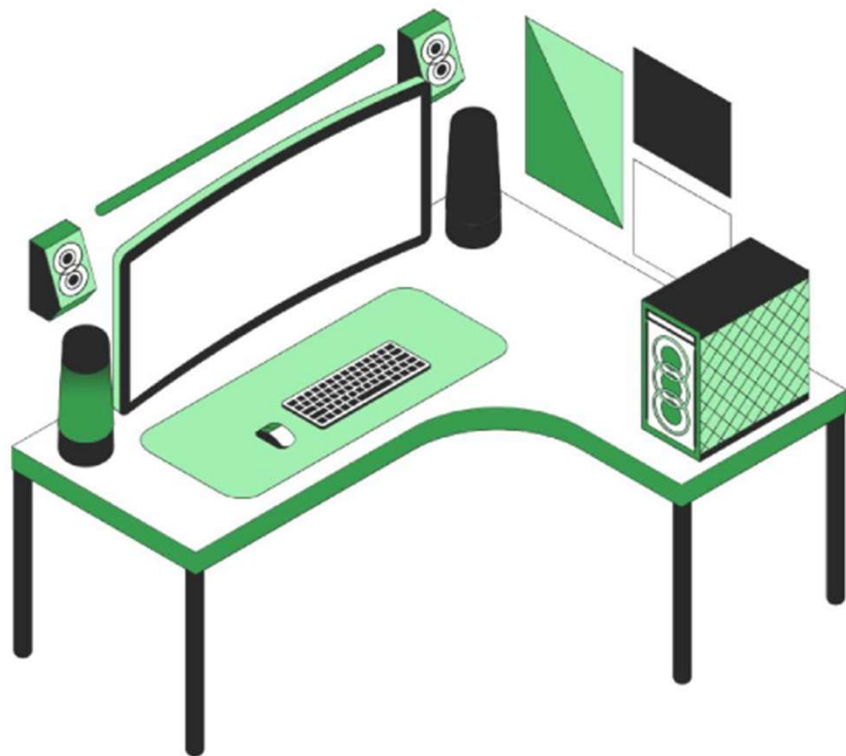


NGINX
Reverse
Proxy



PLAYBOOK FILES





Do you have any questions?

Send it to us! We hope you learned something new.