DEVOPS EASY LEARNING

Class review
S5GROUP5
BrainCells
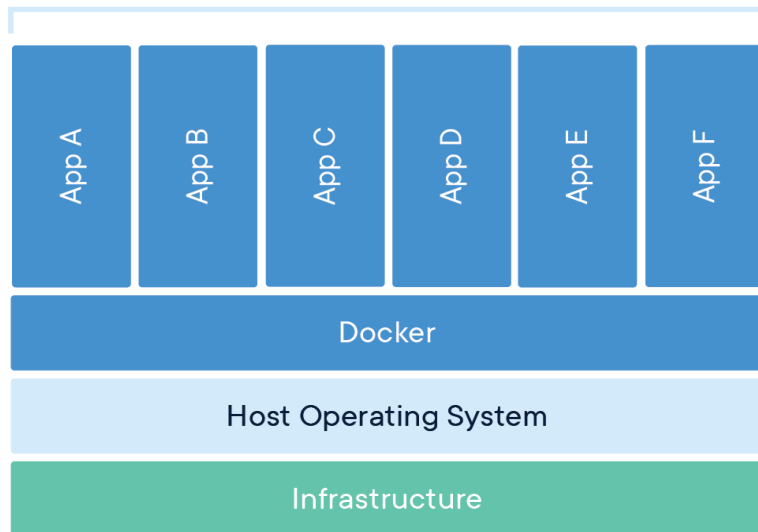(DOCKER)

Some Docker Terminology and Architecture

1. What is Docker?

2. What are the characteristics or features of Docker?

3. What is a container?

4. What are the advantages of using Docker container

5. What is Virtualization?

6. What is Hypervisor?

7. What is Containerization?

8. Can you please briefly explain Docker Swarm?

9. What is a virtual machine

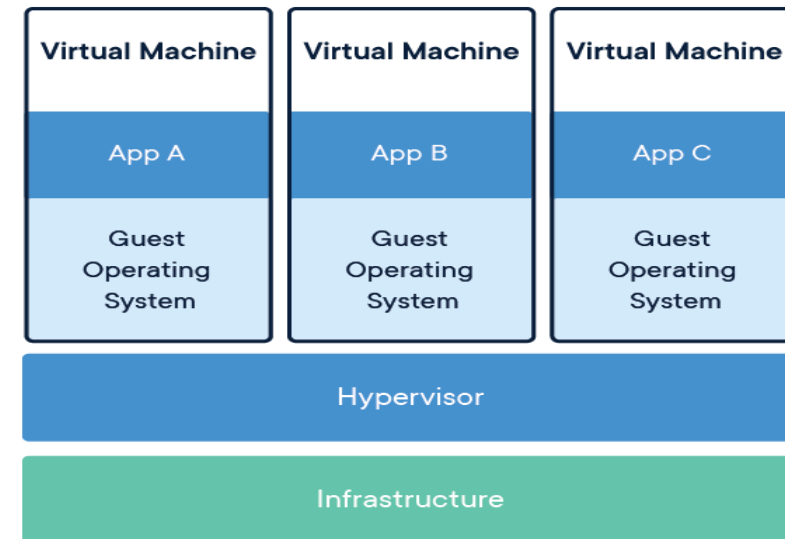10. Differentiate between virtualization and containerization.

Some Docker Terminology and Architecture

Look at the image(A and B) below and identify what type of application architecture is it?

A

App A	App B	App C	App D	App E	App F

Docker

Host Operating System

Infrastructure

B

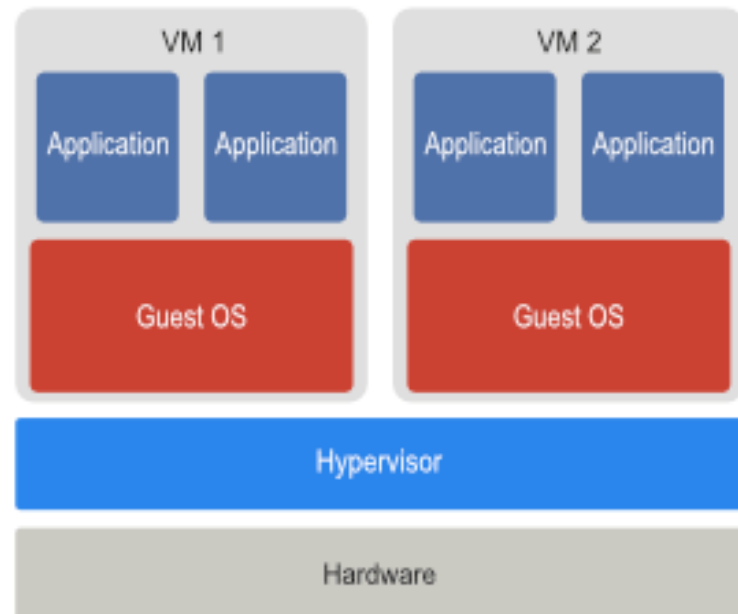| Virtual Machine	Virtual Machine	Virtual Machine
App A	App B	App C
Guest Operating System	Guest Operating System	Guest Operating System

Hypervisor

Infrastructure

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Some Docker Terminology and Architecture

Can you please identify type of hypervisor and explain with example each layer on the image below?

A

VM 1		VM 2	
Application	Application	Application	Application
Guest OS		Guest OS	
Hypervisor			
Hardware			

B

APP / OS   APP / OS

HYPERVISOR

OPERATING SYSTEM

HARDWARE

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