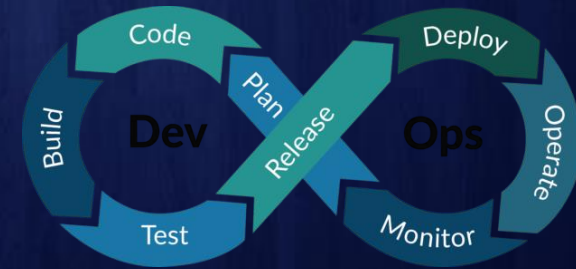


# AWS SAA + SysOps + Developer + DevOps Course #Day-7

We will start at **8 AM**,  
Stay tuned



**RAKESH TANINKI**

LEARN TO UNLEARN





# Recap:

- **OSI model - overview**
- Types of AWS Services (in terms of accessibility)
- **VPC basics** (with example)
- **3 Tier Architecture**
- **2 Tier Architecture**
- **Default VPC**
- **Hands on – Default VPC**

# Today's topics:



- Virtualization basics
- EC2 Basics
- Hands on – EC2 Linux
- Hands on – EC2 Windows

# EC2 basics - Virtualization

20% usage  
80% free



Front end / Web

20% usage  
80% free



Back end / App

30% usage  
70% free



Database

?

4 core  
16 GB

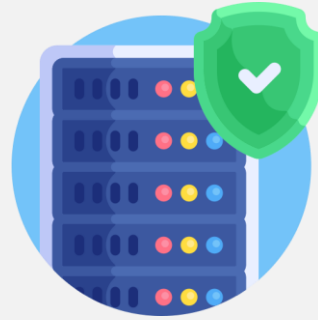
4 core  
16 GB

4 core  
16 GB

Cost  
Maintenance

# EC2 basics - Virtualization

70% usage  
30% free



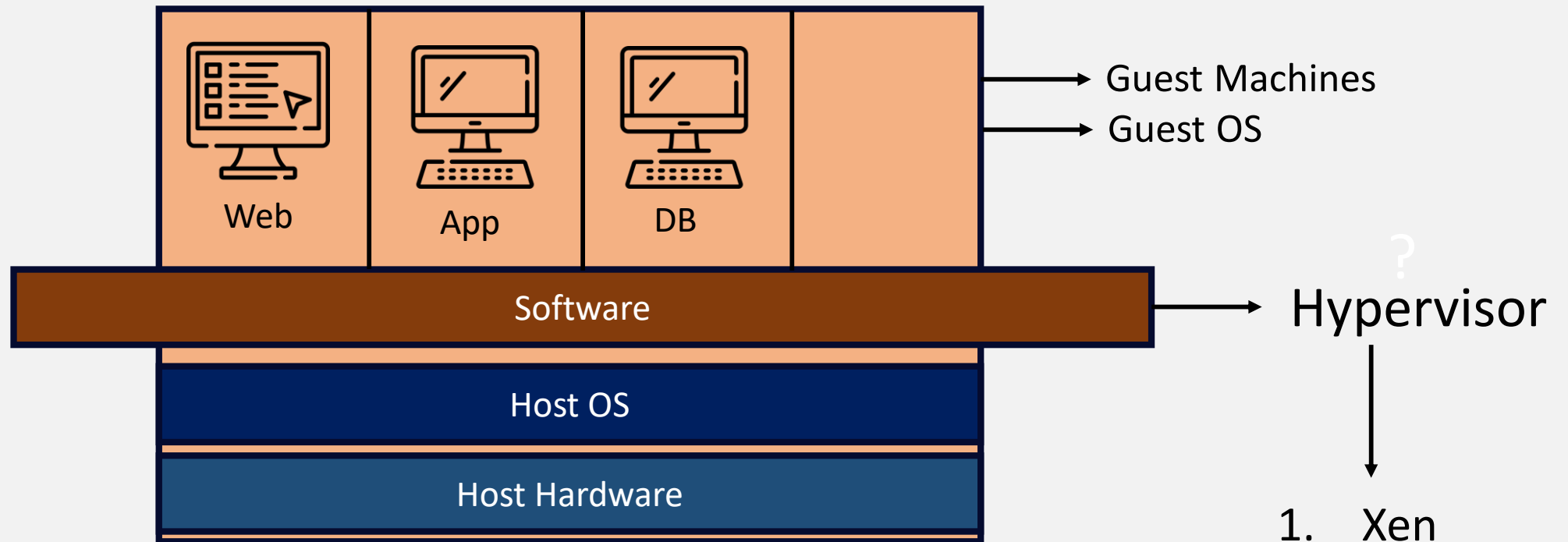
Web + App + DB

20% + 20% + 30% = 70%

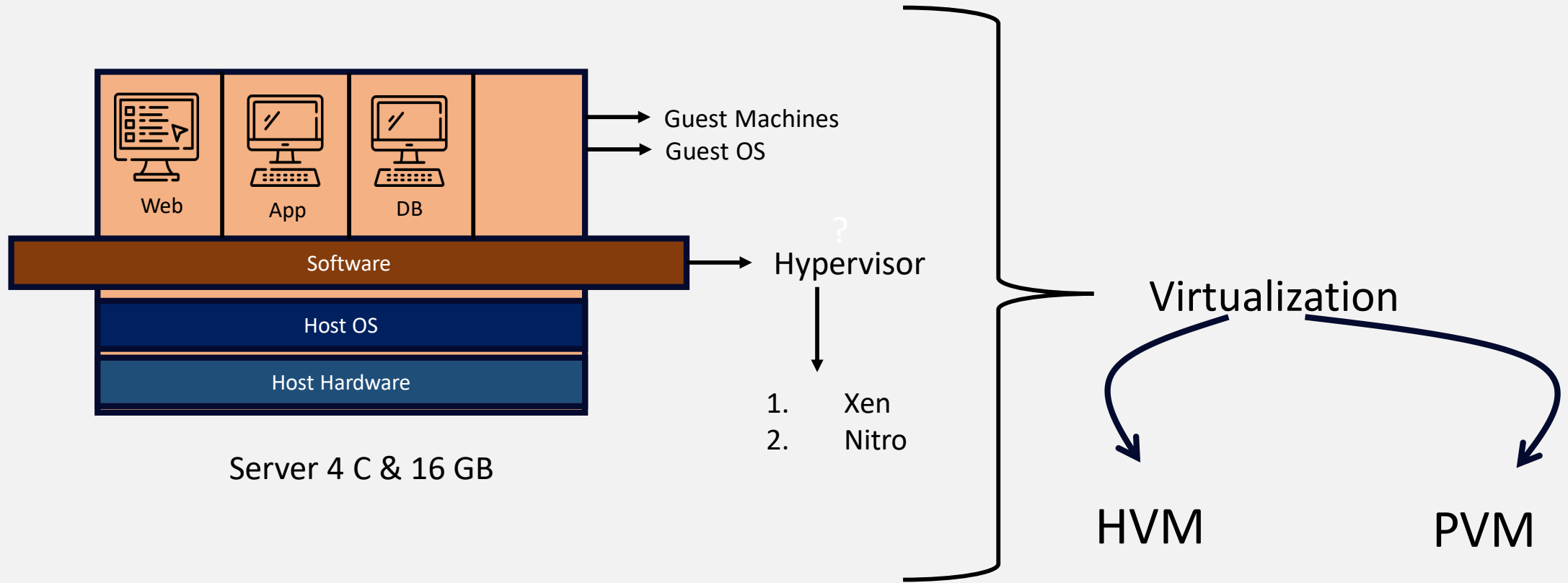
1 app should not use other's  
resources

4 core  
16 GB

Cost  
Maintenance



Server 4 C & 16 GB



## EC2 – Keypoints

- EC2 – Elastic Compute Cloud
  - VPC dependent
  - Regional service
  - AZ specific
    - Private / Public depends on the subnet
- Different cores and RAM can be chosen
- On Demand billing
- AMI – OS(boot volume) + software
- EC2 Keypairs – asynchronous
- Hard disks – HDD / SSD



# EC2 Demo

- Linux VM – [mobaxterm](#) download
- Windows VM

?

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**Thank you,** will meet in tomorrow's session

