Introduction

Docker Container Hypervisor

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VM : Virtual Machine

Cloud Computing

- *What is Cloud ? Why Cloud is necessary ?*
- *Demystifying Cloud :-*
  - *NFV*
  - *SDN*
    - *Hypervisor Vs Container*

Virtualization = *Apps over*

- *Virtual Hardware*
- *Virtual Compute*
- *Virtual Network*

No Physical Hardware

What is Hypervisor ?

IBM

1960

- Virtual Hardware
- Virtual Compute
- Virtual Network

What is Hypervisor ?

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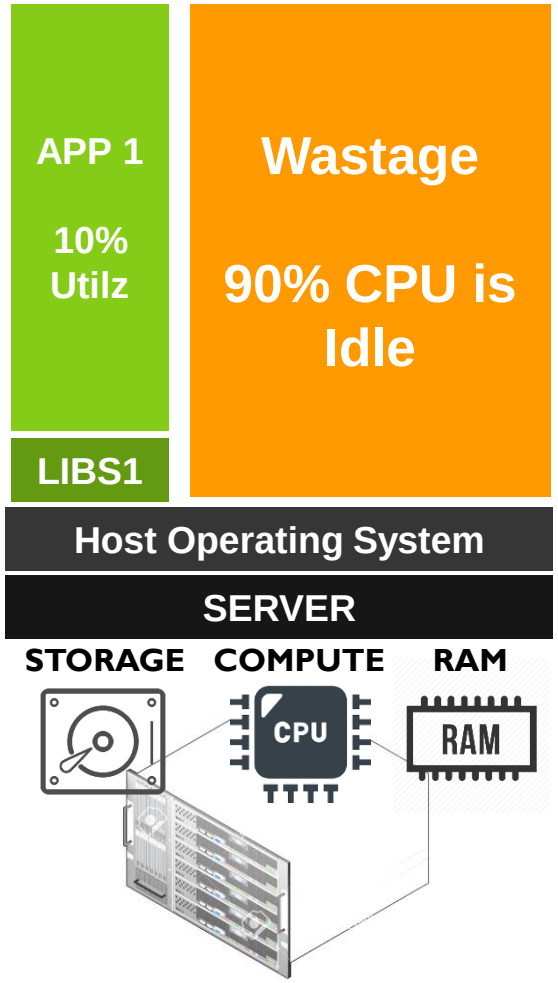
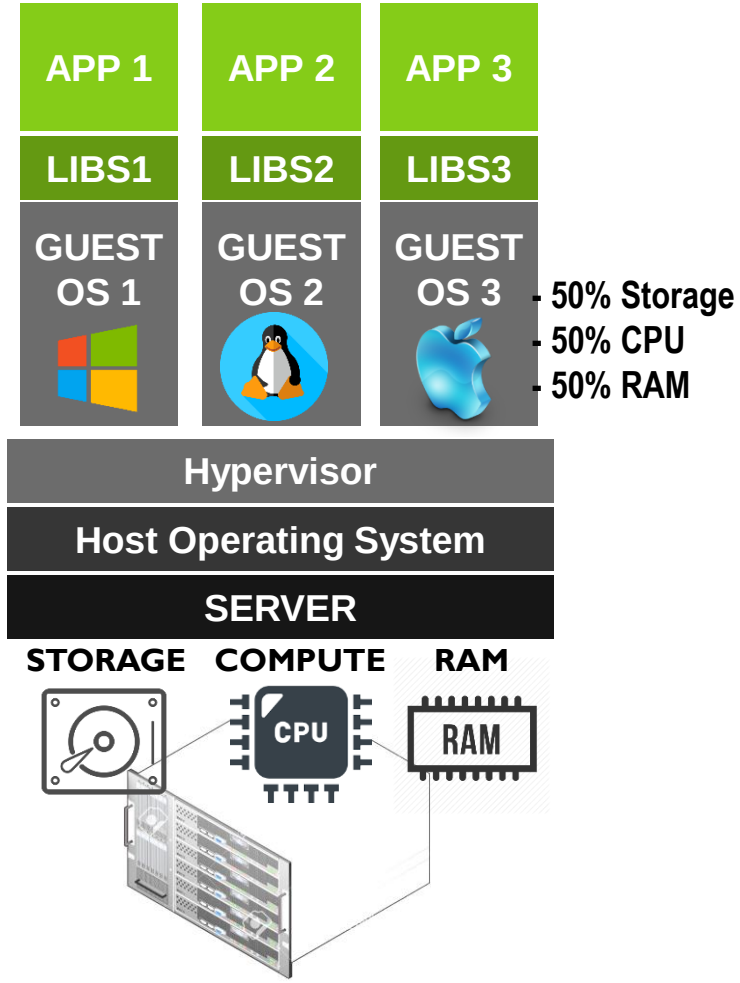


Traditional App Without Hypervisor

Hypervisor

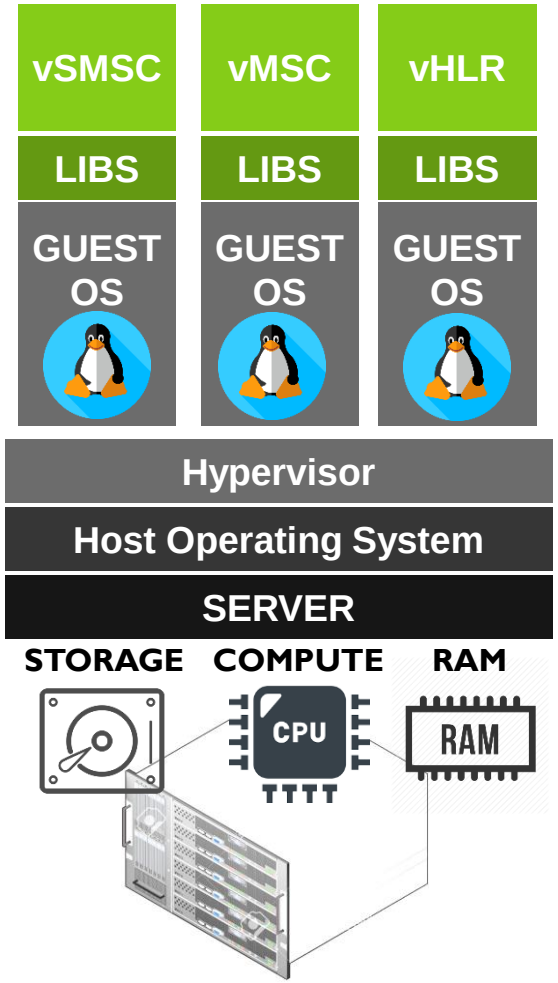
Virtualization



Virtualized App With Hypervisor

Hypervisor .. Complete Story

It Enables Virtualization as required in NFV ..



- A hypervisor is a program that would enable you to host several different virtual machines on a single hardware

Hypervisor is a Software Component	It Works on Host Machine
Enables Virtualization	Distributes host hardware's resources
Provides is isolation	Guest cannot affect Host or other Guest

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docker

Physical Containers on Ship

Container & Docker

Standard

Portable

Light Weight

Security & Protection

Hypervisors Vs Container

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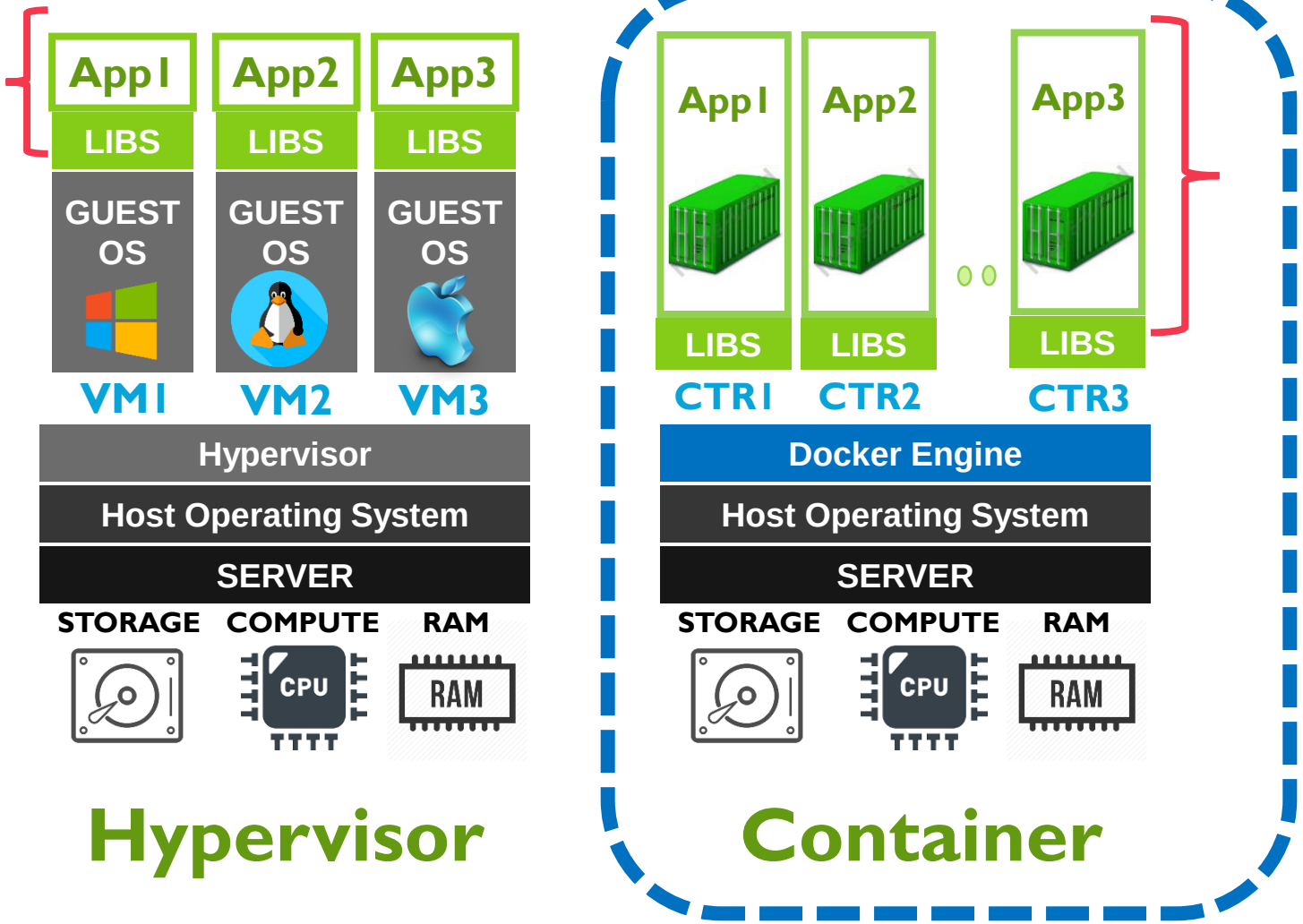
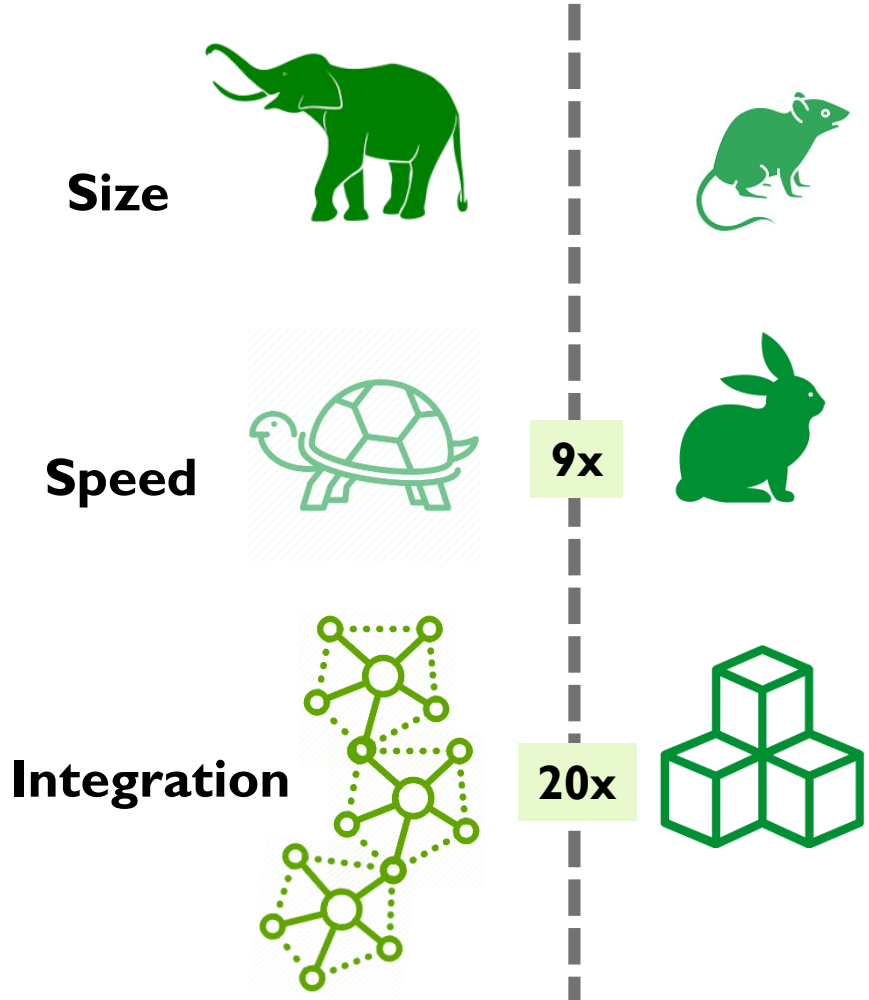
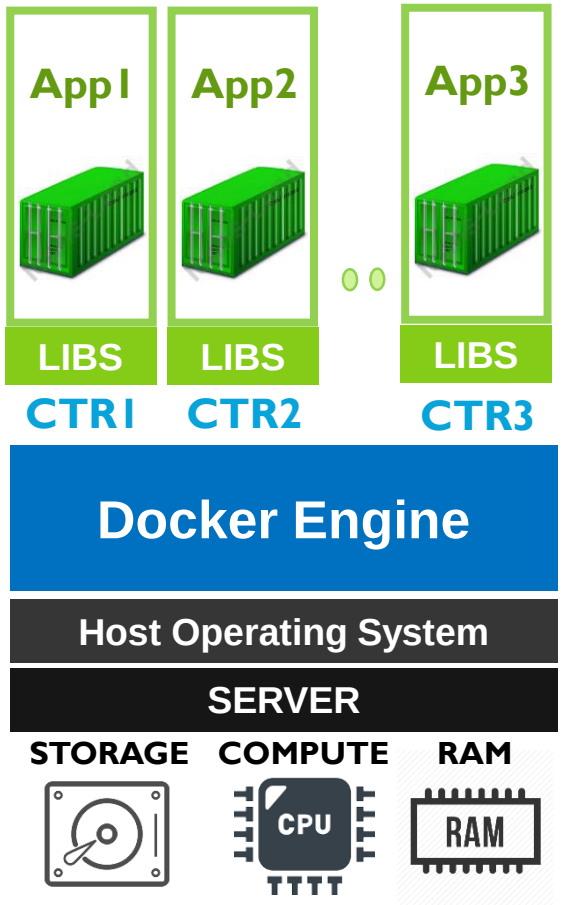
Hypervisors Vs Container





Guest OS	Light Weight	Lightening Fast	Virtualization Mode	Portability	Modularity

What is Docker



Container

docker

- BUILD
- SHIP
- RUN