



Қосымшаларды құрудың заманауи технологиялары

Бұлттық технологиялар. Docker.

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INFRASTRUCTURE PLATFORM (laas)

OpenStack vSphere Azure Stack VMs

> AWS EC2 GCE Azure VMs

CONTAINER PLATFORM (CaaS)

Kubernetes
DC/OS
Docker Datacenter

GKE ECS ACS

APPLICATION PLATFORM (PaaS / aPaaS)

CloudFoundry OpenShift WaveMaker RAD

> Heroku PCF Jelastic

FUNCTION PLATFORM (Faas)

OpenWhisk Fission Iron.io

Lambda GCF Azure Functions

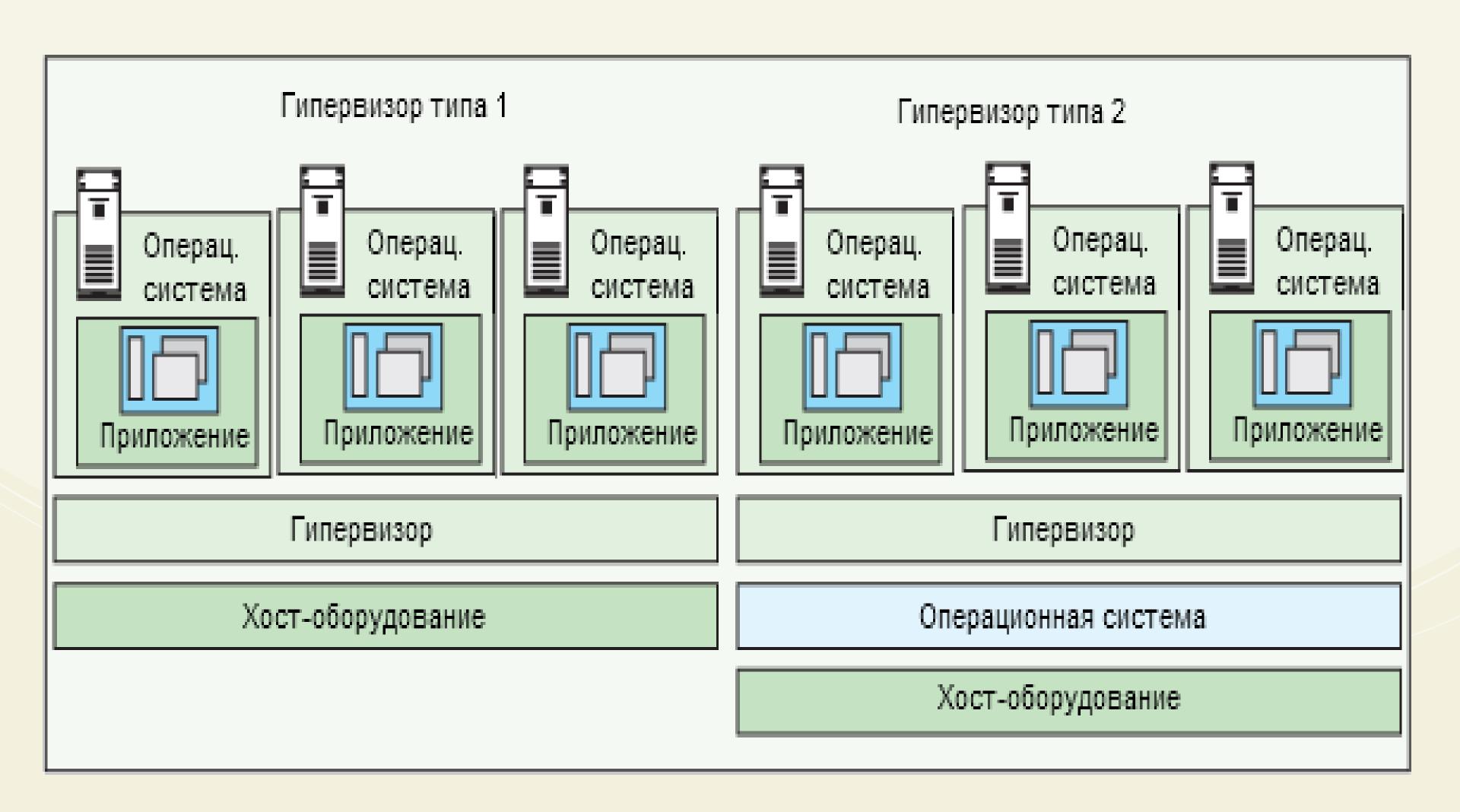
SOFTWARE PLATFORM (SaaS)

BYO

Salesforce Oracle SAP

HOSTED

laaS	CaaS	PaaS	FaaS	
Function	Function	Function	Function	User Management
Application	Application	Application	Application	User Management (scalable unit)
Runtime	Runtime	Runtime	Runtime	Service Provider Management
Container (optional)	Container (optional)	Container (optional)	Container (optional)	
os	os	os	os	
Virtualization	Virtualization	Virtualization	Virtualization	
Hardware	Hardware	Hardware	Hardware	A&Cloud Forum



Container 1 Container 2 Container 3 **OS Virtualization Layer** Server Hardware

OS Level Virtualization



OpenVZ/Virtuozzo





- FreeBSD jails
- Linux-VServer

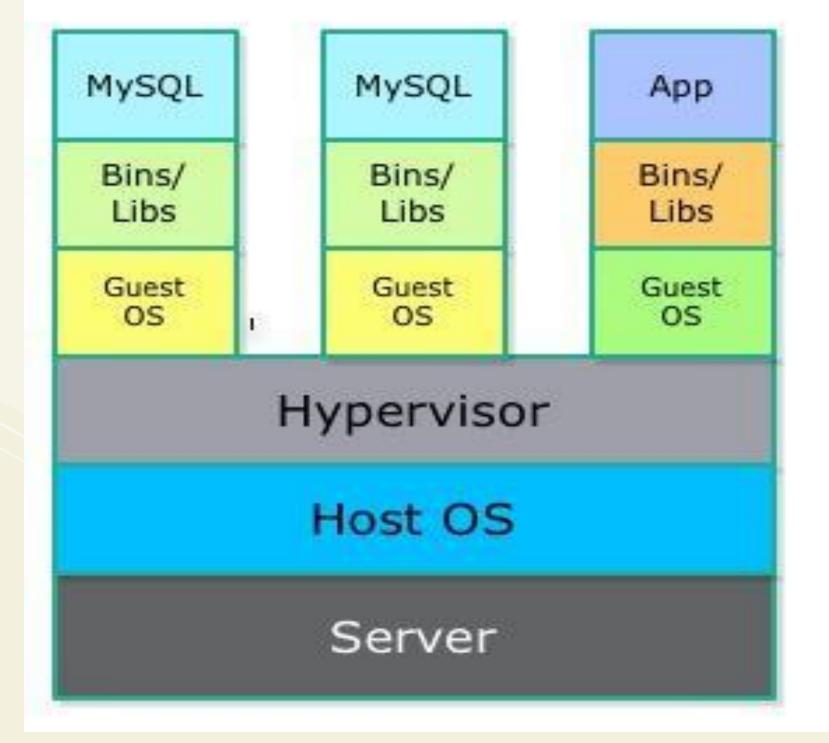




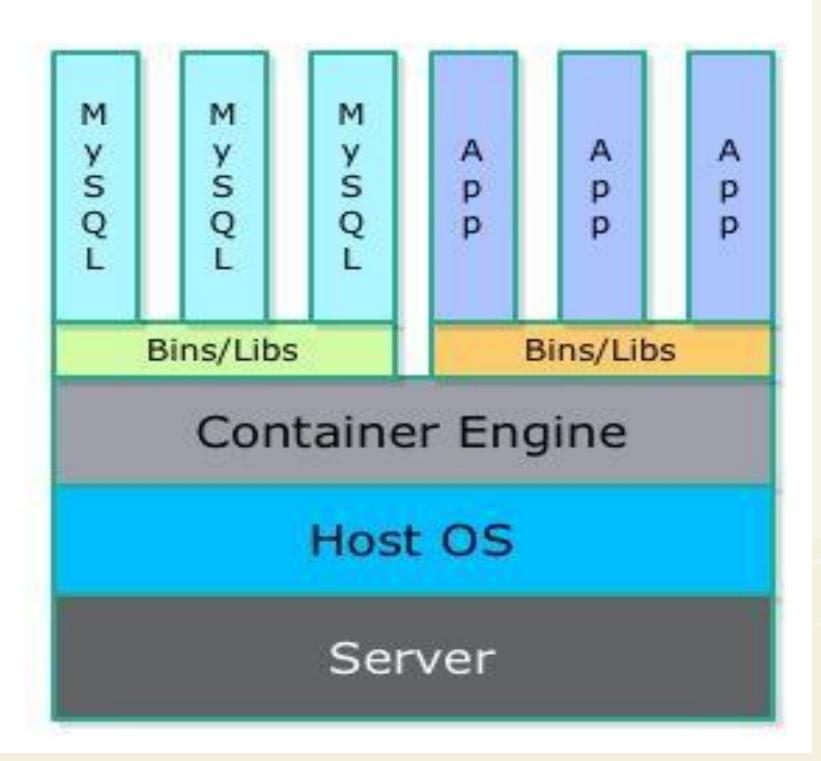


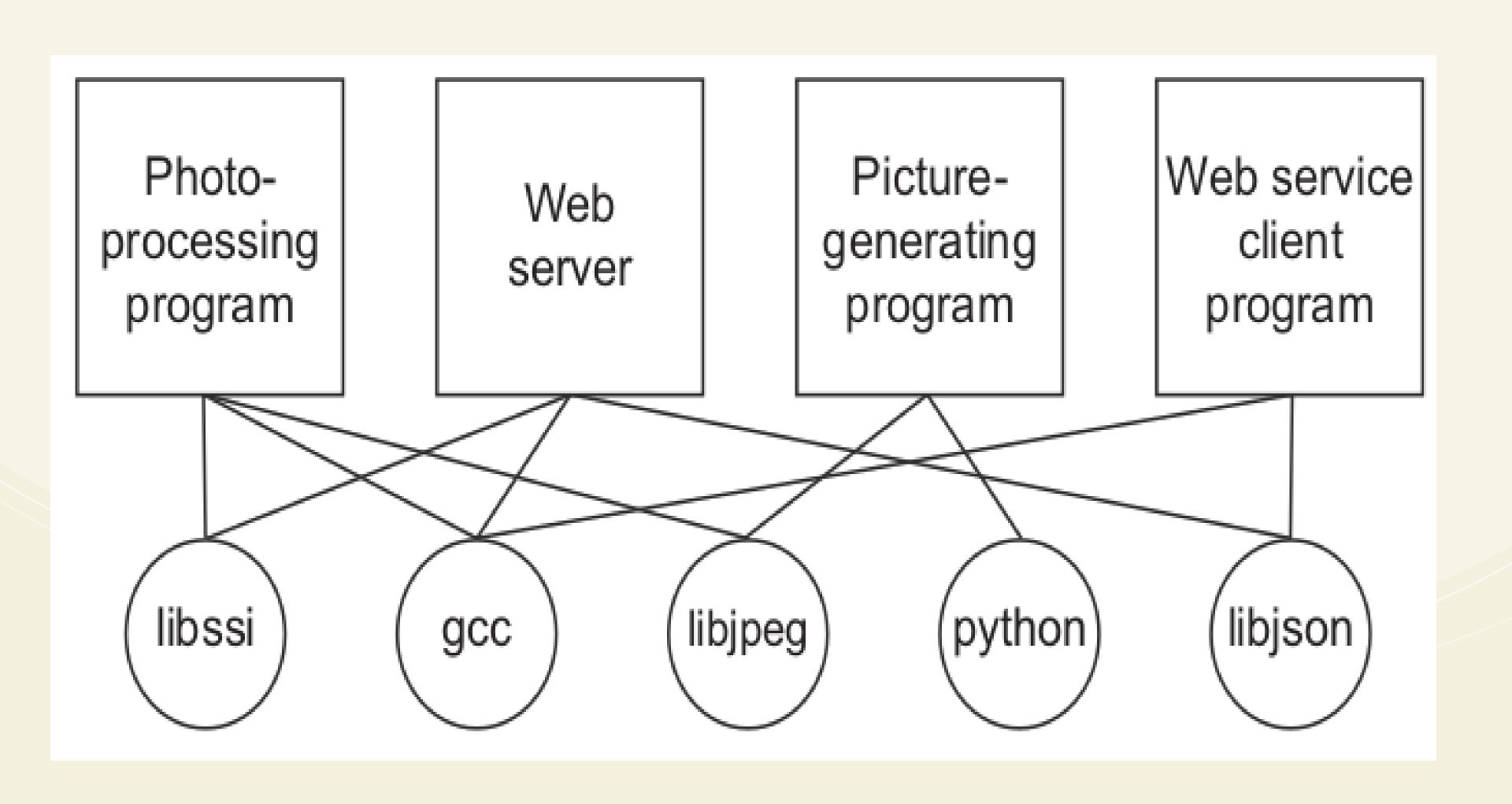


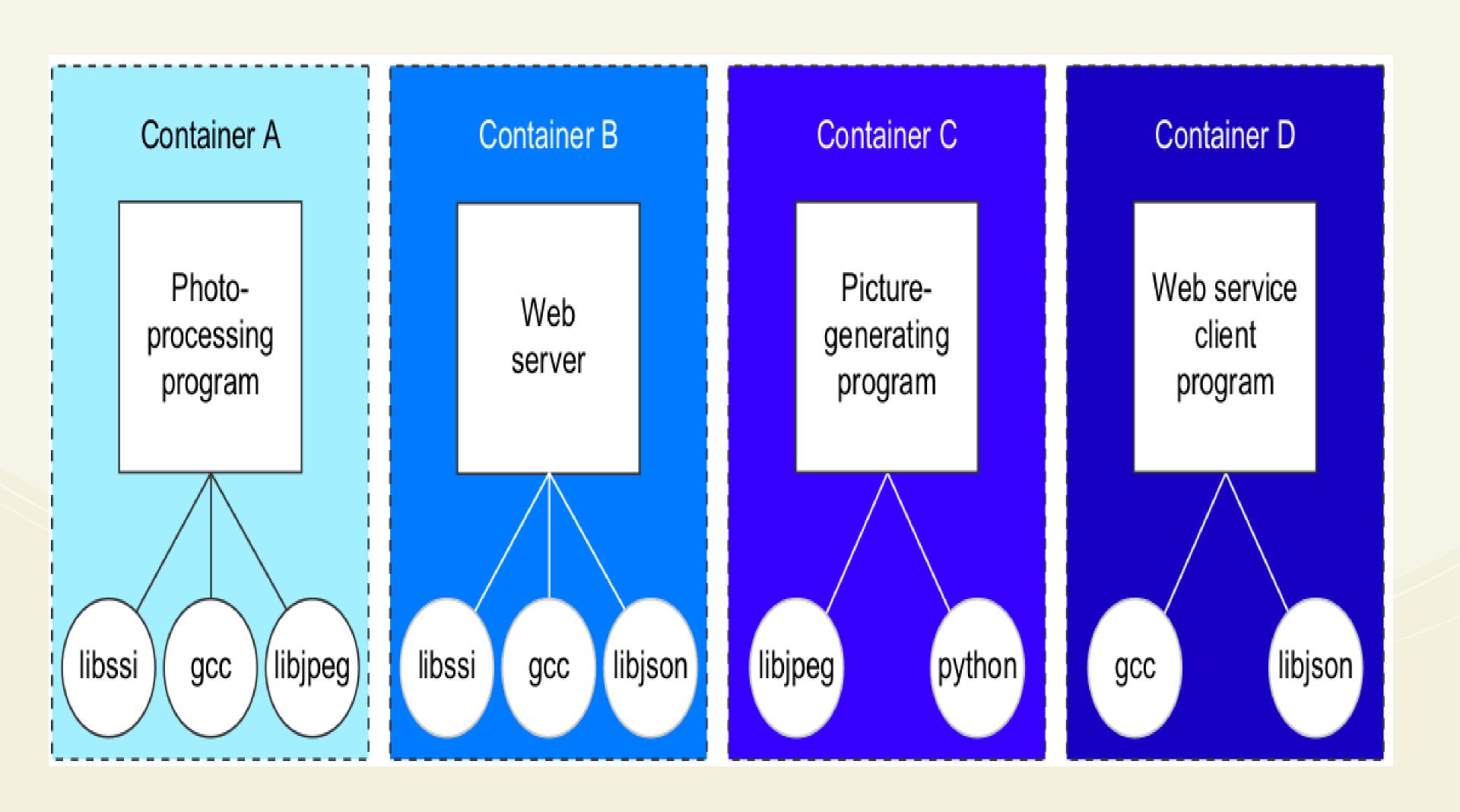
Virtual Machines



Containers







App C App B App A Bins/Libs Bins/Libs Bins/Libs Docker Host OS Infrastructure

