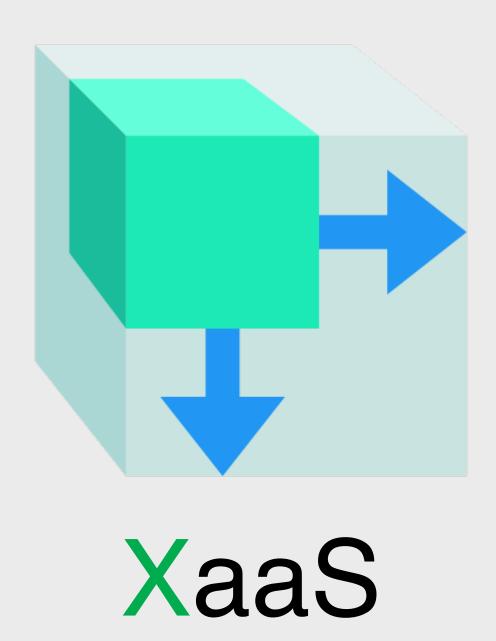
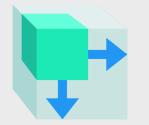
Cloud Service Models





Cloud Service Model Concepts



Traditional On-premises

APPLICATION

DATA

RUNTIME

CONTAINER

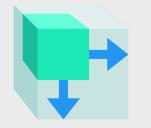
OPERATING SYSTEM

VIRTUALIZATION

PHYSICAL SERVERS

NETWORK & STORAGE

DATA CENTER



Cloud Service Model Concepts

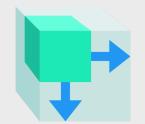


Traditional On-premises **APPLICATION** Stack DATA RUNTIME Infrastructure CONTAINER **OPERATING SYSTEM VIRTUALIZATION** PHYSICAL SERVERS **NETWORK & STORAGE DATA CENTER**

Parts managed by you

Parts managed by the vendor

Priced by unit of consumption



Cloud Service Model Concepts



Traditional On-premises

APPLICATION

DATA

RUNTIME

CONTAINER

OPERATING SYSTEM

VIRTUALIZATION

PHYSICAL SERVERS

NETWORK & STORAGE

DATA CENTER

DC Hosted

APPLICATION

DATA

RUNTIME

CONTAINER

OPERATING SYSTEM

VIRTUALIZATION

PHYSICAL SERVERS

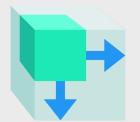
NETWORK & STORAGE

DATA CENTER

You Manage



Vendor Manages

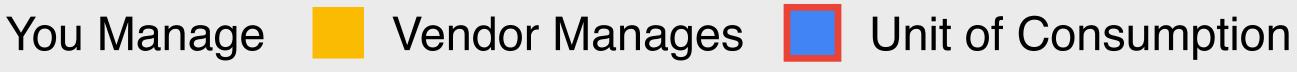


Infrastructure as a Service - laaS

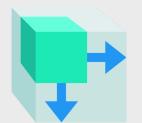


Traditional DC Hosted laaS On-premises **APPLICATION APPLICATION APPLICATION** DATA DATA DATA RUNTIME RUNTIME RUNTIME CONTAINER CONTAINER CONTAINER **OPERATING SYSTEM OPERATING SYSTEM OPERATING SYSTEM VIRTUALIZATION VIRTUALIZATION** VIRTUALIZATION PHYSICAL SERVERS PHYSICAL SERVERS PHYSICAL SERVERS **NETWORK & STORAGE NETWORK & STORAGE NETWORK & STORAGE** DATA CENTER DATA CENTER DATA CENTER





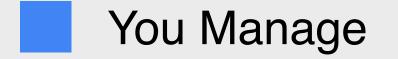


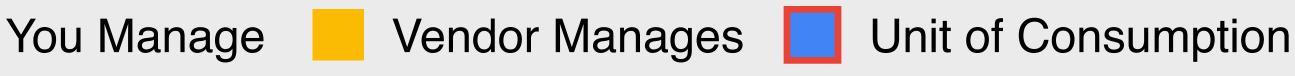


Platform as a Service - PaaS

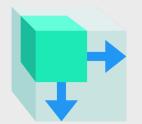


Traditional DC Hosted PaaS laaS On-premises **APPLICATION APPLICATION APPLICATION APPLICATION** DATA DATA DATA DATA RUNTIME RUNTIME RUNTIME RUNTIME CONTAINER CONTAINER CONTAINER CONTAINER **OPERATING SYSTEM OPERATING SYSTEM OPERATING SYSTEM OPERATING SYSTEM** VIRTUALIZATION **VIRTUALIZATION VIRTUALIZATION** VIRTUALIZATION PHYSICAL SERVERS PHYSICAL SERVERS PHYSICAL SERVERS PHYSICAL SERVERS **NETWORK & STORAGE NETWORK & STORAGE NETWORK & STORAGE NETWORK & STORAGE** DATA CENTER DATA CENTER DATA CENTER DATA CENTER









Software as a Service - SaaS



Traditional On-premises	DC Hosted	laaS	PaaS	SaaS
APPLICATION	APPLICATION	APPLICATION	APPLICATION	APPLICATION
DATA	DATA	DATA	DATA	DATA
RUNTIME	RUNTIME	RUNTIME	RUNTIME	RUNTIME
CONTAINER	CONTAINER	CONTAINER	CONTAINER	CONTAINER
OPERATING SYSTEM	OPERATING SYSTEM	OPERATING SYSTEM	OPERATING SYSTEM	OPERATING SYSTEM
VIRTUALIZATION	VIRTUALIZATION	VIRTUALIZATION	VIRTUALIZATION	VIRTUALIZATION
PHYSICAL SERVERS	PHYSICAL SERVERS	PHYSICAL SERVERS	PHYSICAL SERVERS	PHYSICAL SERVERS
NETWORK & STORAGE	NETWORK & STORAGE	NETWORK & STORAGE	NETWORK & STORAGE	NETWORK & STORAGE
DATA CENTER	DATA CENTER	DATA CENTER	DATA CENTER	DATA CENTER

You Manage Vendor Manages Unit of Consumption



Shared Responsibility Model



Traditional	
On-premises	3

DC Hosted

laaS

PaaS

SaaS

APPLICATION

APPLICATION

APPLICATION

APPLICATION

APPLICATION

DATA

DATA

DATA

DATA

DATA

RUNTIME

RUNTIME

RUNTIME

RUNTIME

RUNTIME

CONTAINER

CONTAINER

CONTAINER

CONTAINER

CONTAINER

OPERATING SYSTEM

OPERATING SYSTEM

OPERATING SYSTEM

OPERATING SYSTEM

OPERATING SYSTEM

VIRTUALIZATION

VIRTUALIZATION

VIRTUALIZATION

VIRTUALIZATION

VIRTUALIZATION

PHYSICAL SERVERS

PHYSICAL SERVERS

PHYSICAL SERVERS

PHYSICAL SERVERS

PHYSICAL SERVERS

NETWORK & STORAGE

DATA CENTER

DATA CENTER

DATA CENTER

DATA CENTER

DATA CENTER





You Manage Vendor Manages



Shared Responsibility Model



