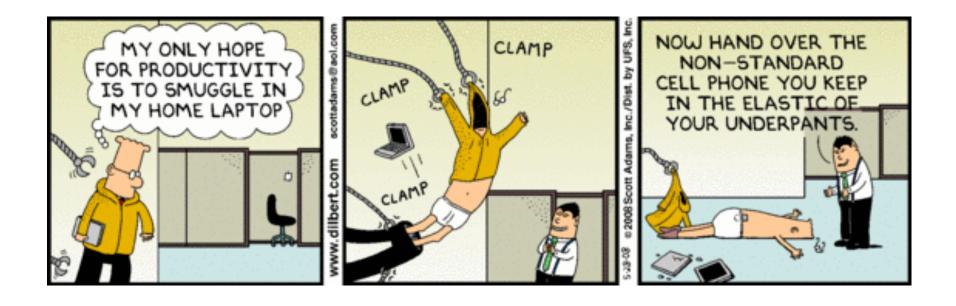


## THE EMERGING IT: FRICTIONLESS, HYBRID, PROGRAMMABLE

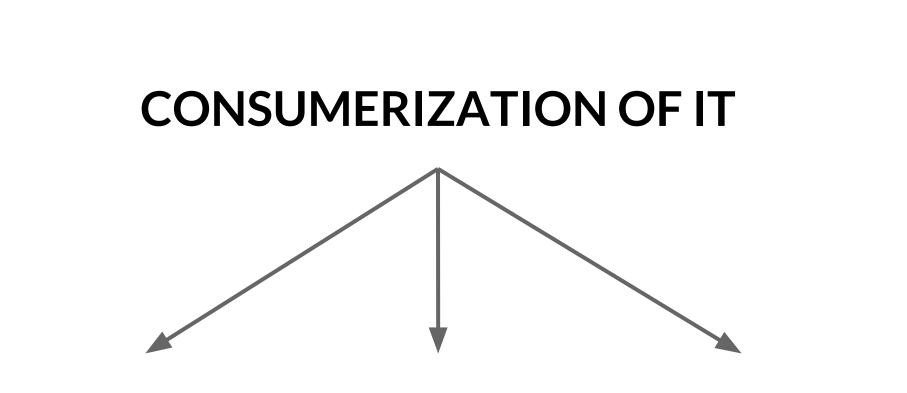
## HOW TO STAY RELEVANT?

Alessandro Perilli GM, Cloud Management Strategy

## **CONSUMERIZATION OF IT**







FRICTIONLESS IT HYBRID IT PROGRAMMABLE IT



# TOWARDS A FRICTIONLESS IT



#### **IT JUST WORKS**





EASE OF USE SPEED INTEGRATION 

## EASE OF USE

Photo credit: flickr.com/photos/markwalker

ENGINE

#### CLOUDFORMS 3.1 vs vCLOUD SUITE 5.5 & SYSTEM CENTER 2012 SP1

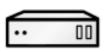
Self-service ProvisioningvCAC, vCD, vFADService CatalogvCAC, vCD, vFADChargebackvCAC, vCCMCapacity ManagementvCAC, vCD, vCOM	SCAC, SCSM SCVMM, SCSM SCSM SCVMM		
Chargeback vCAC, vCCM	SCSM		
Capacity Management vCAC, vCD, vCOM			
	30 11111		
Performance Management vCOM, vFH	SCOM	CLOUDFORMS	
Configuration and Change Management vCM	SCVMM, SCOM		
Life Cycle Management vCAC, vCD, vFAD	SCVMM		
Orchestration vCAC, vCO	SCO		
External Cloud Connection vCAC, vCC, vFAD	SCAC		











PHYSICAL SERVER

12 MINS





VIRTUAL MACHINE



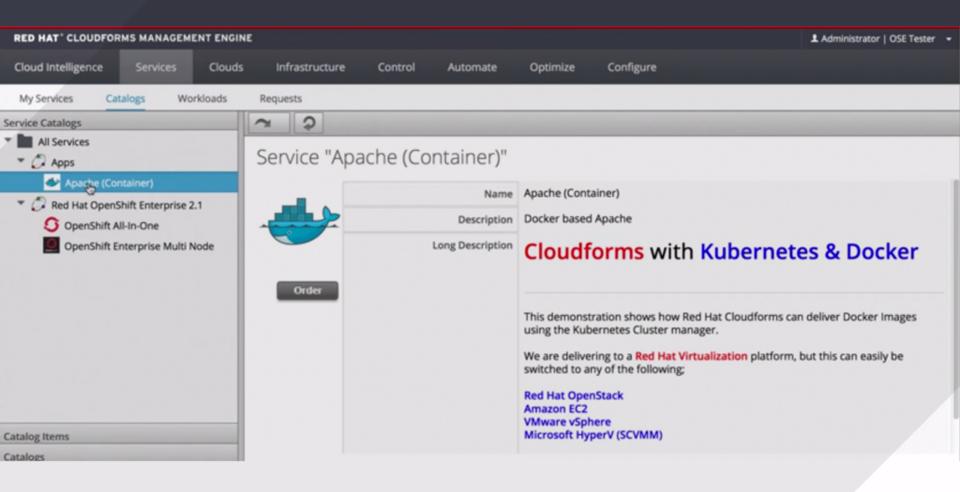


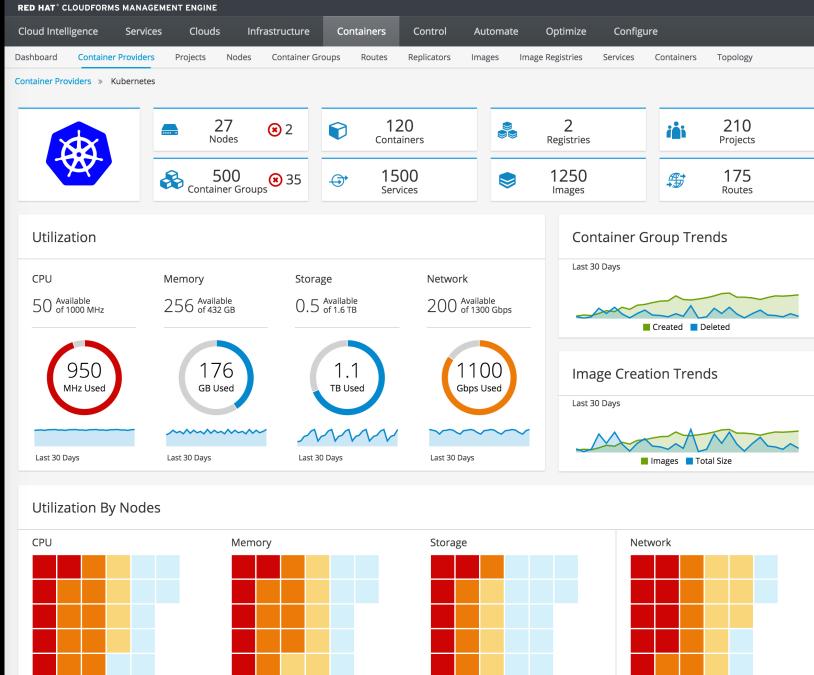


# INTEGRATION

photo credit: flickr.com/photos/crystalflickr

E





> 90% 80-90% 70-80% < 70%

Very Low Low High Very High

# TOWARDS A HYBRID IT



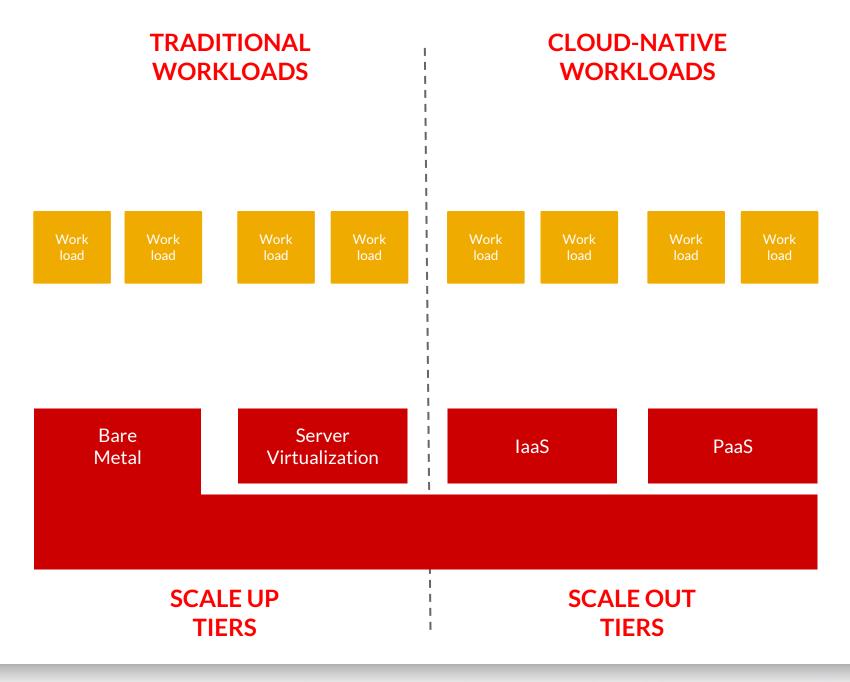
### "HYBRID" MEANS EMBRACING IT DIVERSITY

- Concurrent consumption of

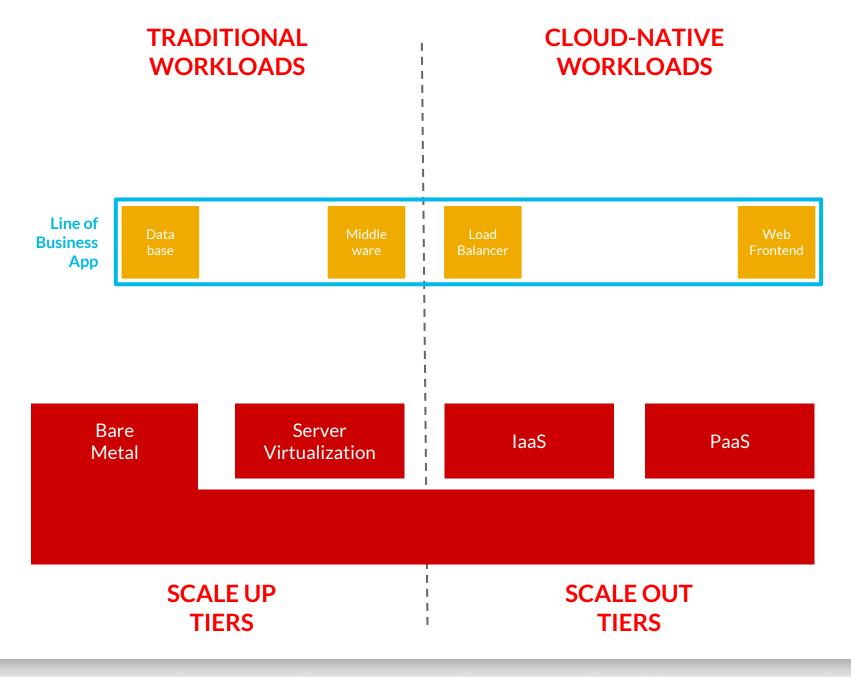
   legacy and next generation IT
   virtual infrastructures and clouds
   laaS and PaaS clouds
   private and public clouds
   traditional and cloud-native workloads
- Maintaining infra/plat/mgmt consistency where possible



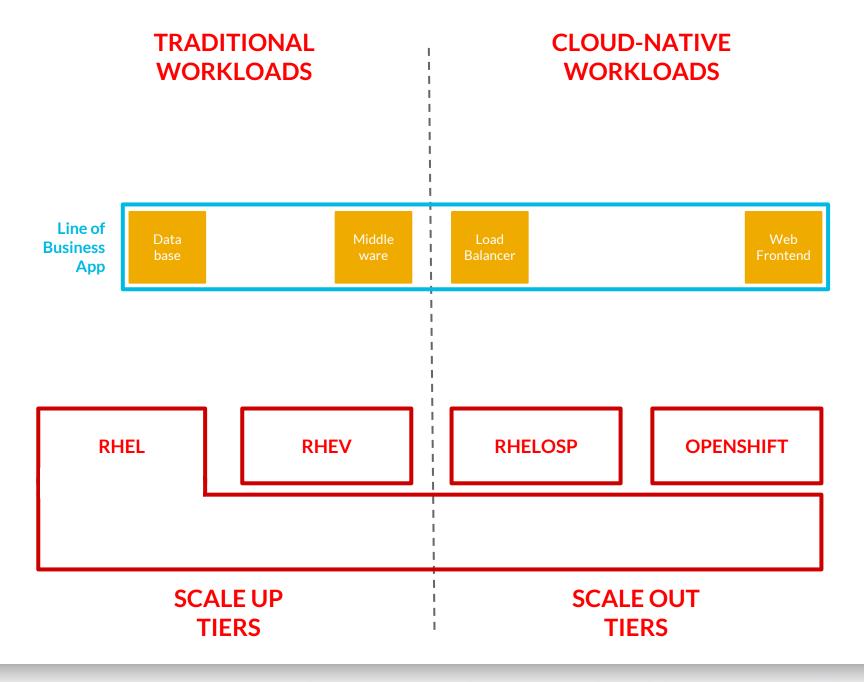
MULTI-TIER ARCHITECTURE MULTI-LAYER CONSISTENCY MULTI-VENDOR SUPPORT



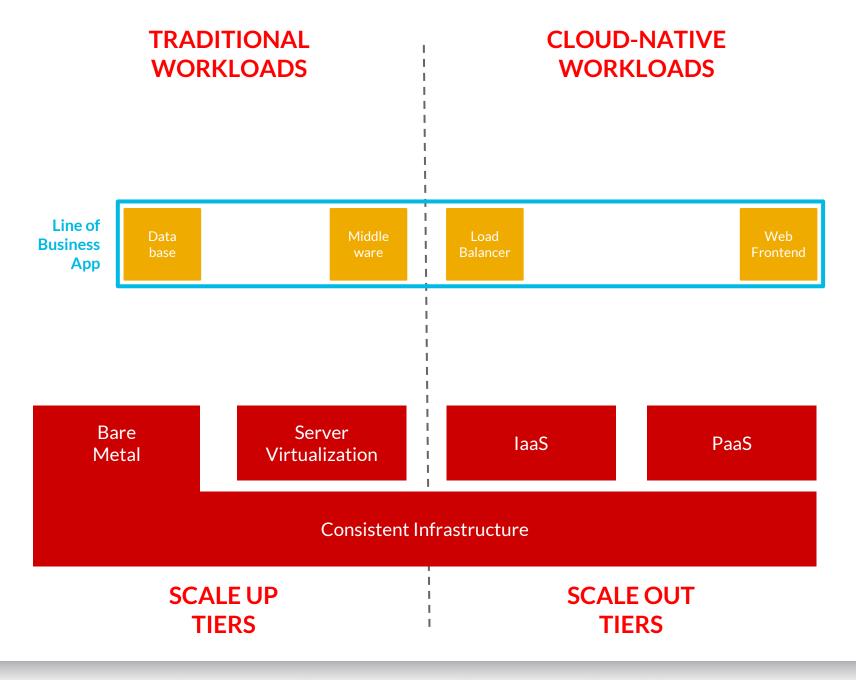




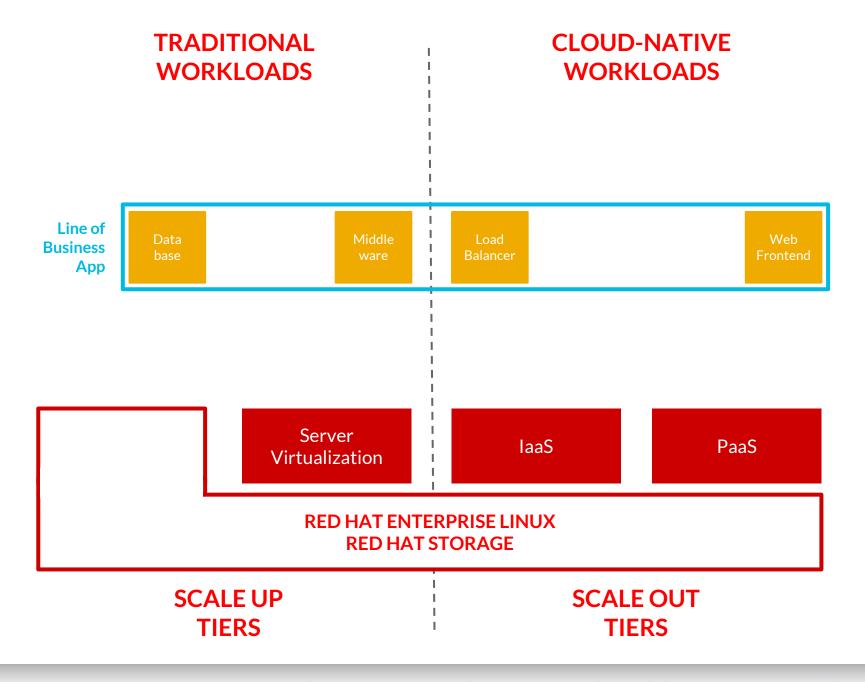




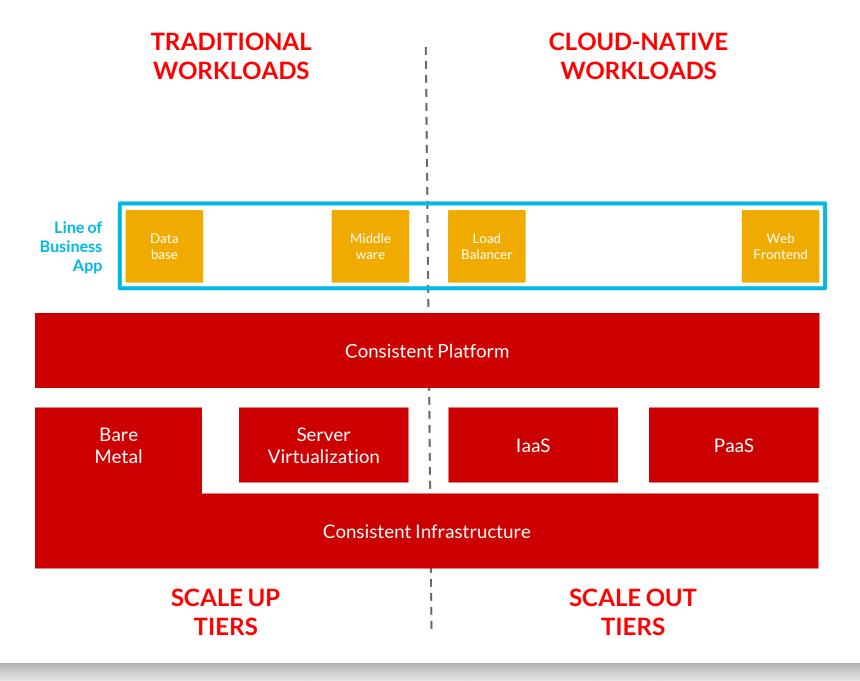




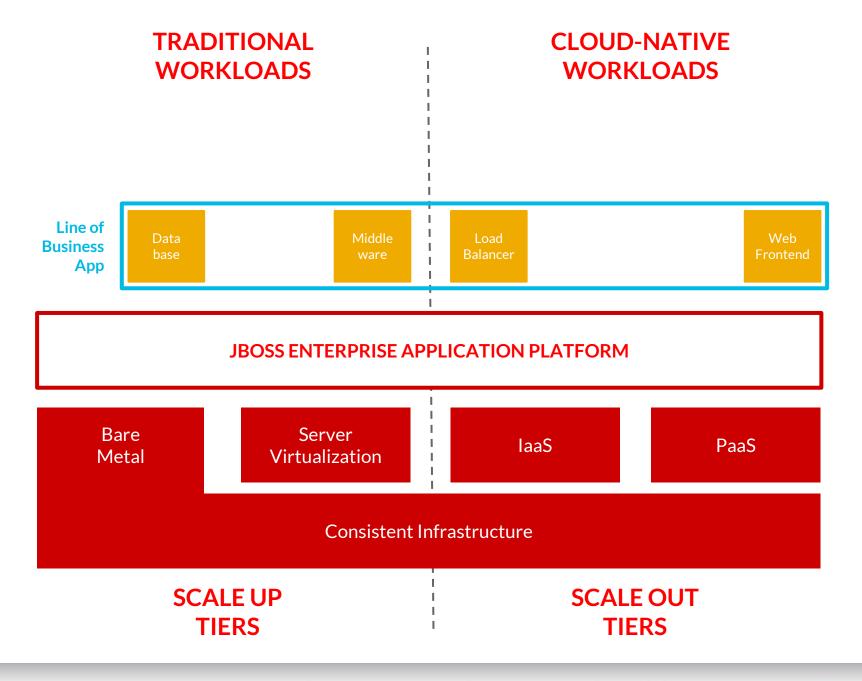




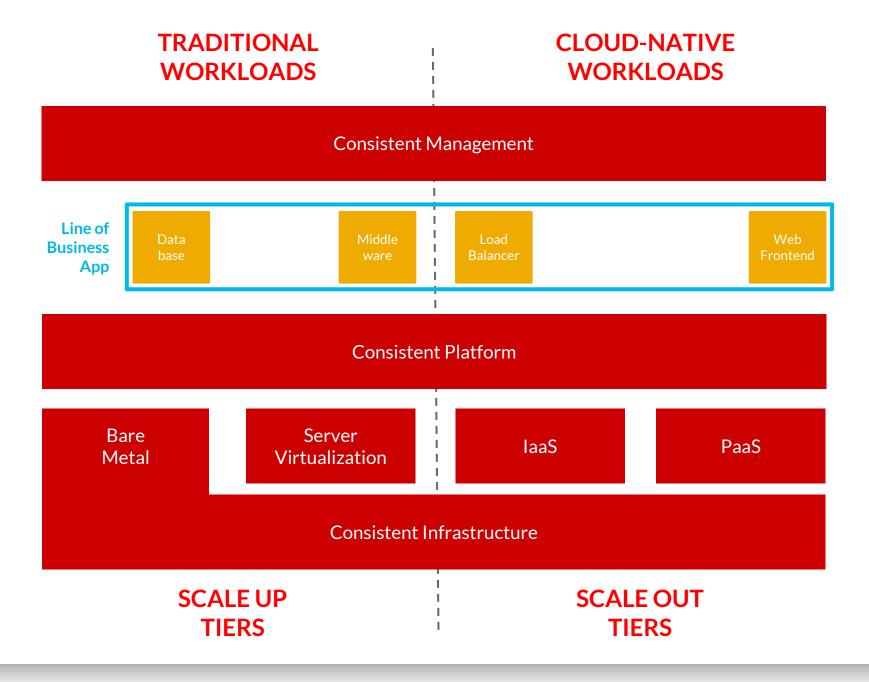




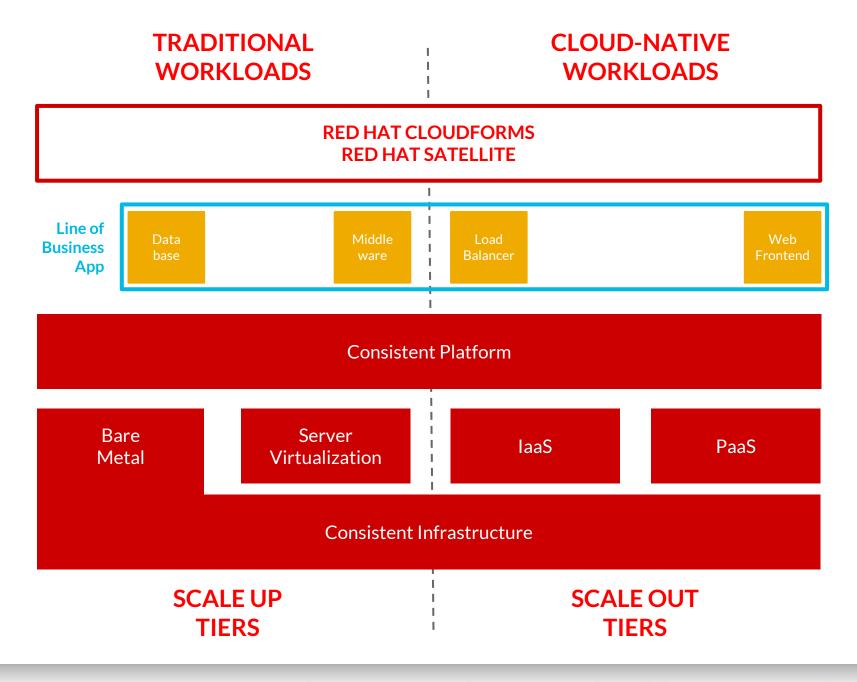














	RADITIONAL VORKLOADS	CLOUD-NATIVE WORKLOADS					
	Consistent l	Management					
Line of Business App		Load Balancer	Web Frontend				
Consistent Platform							
Bare Metal	Server Virtualization	IaaS	PaaS				

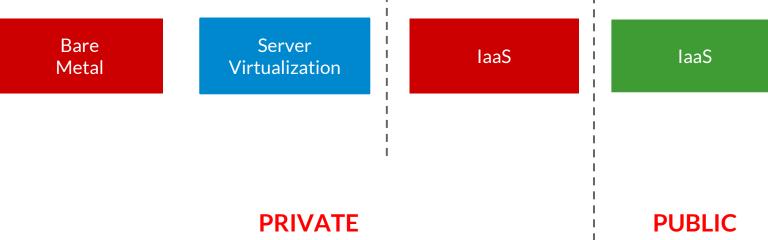
Consistent Infrastructure

**PRIVATE** 

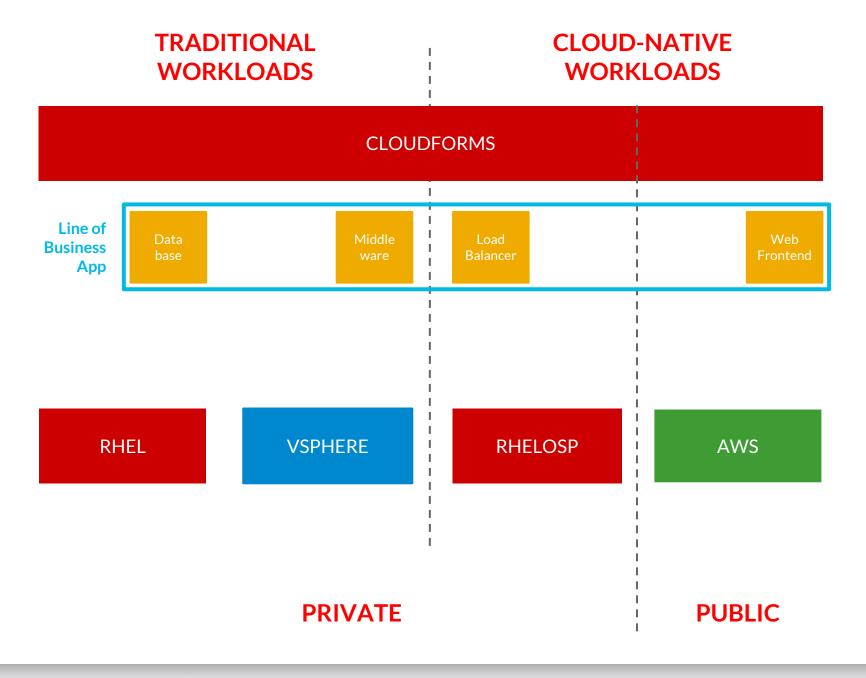
I I PUBLIC



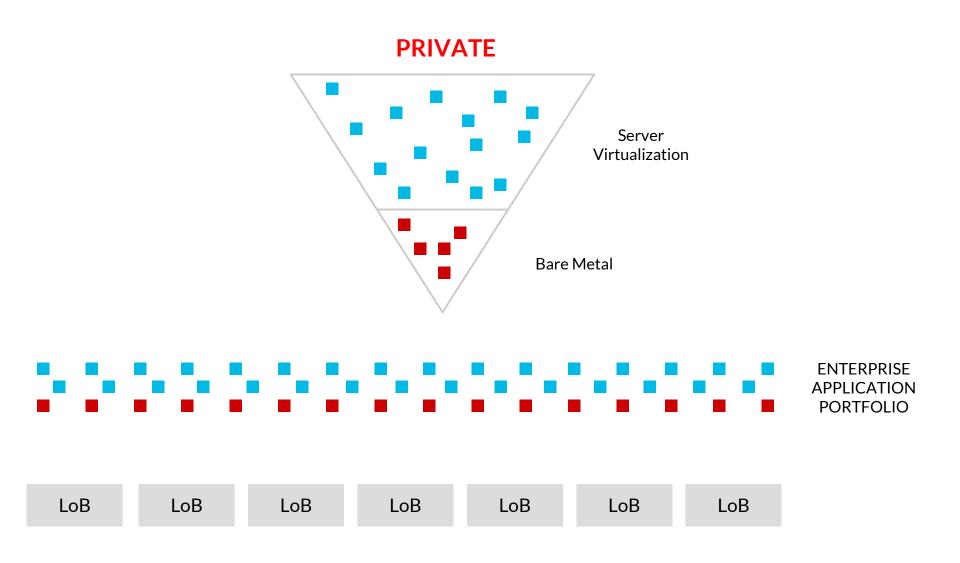
	TRADITIONAL WORKLOADS			CLOUD-NATIVE WORKLOADS			
		Consis	tent Ma	anagement			
Line of Business App	Data base	Middl ware		Load Balancer			Web Frontend

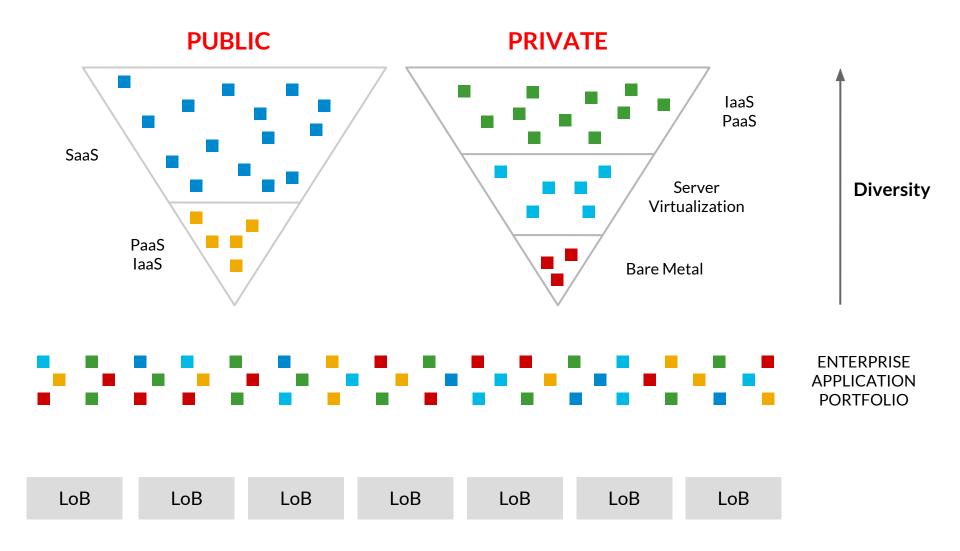


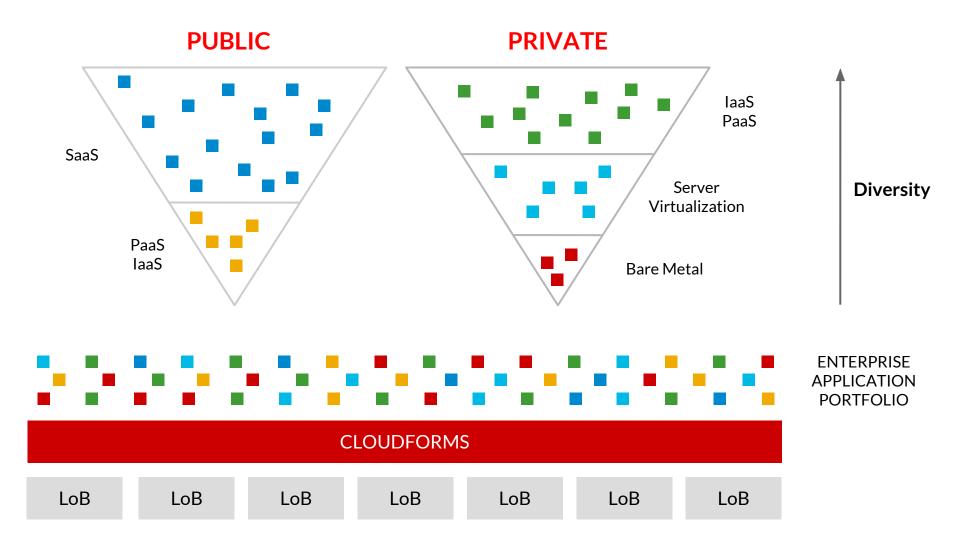












## TOWARDS A PROGRAMMABLE IT



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## INFRASTRUCTURE ABSTRACTION APP INTEGRATION DATA VIRTUALIZATION

# **INFRASTRUCTURE ABSTRACTION**

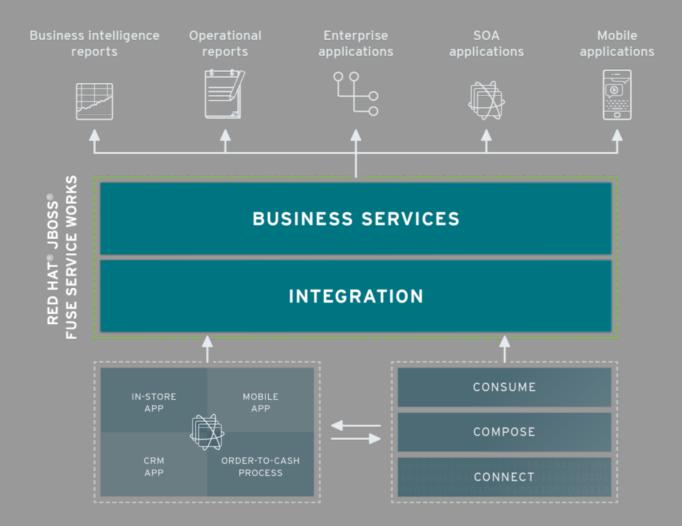


Provisioning

## APP INTEGRATION

photo credit: flickr.com/photos/crystalflickr

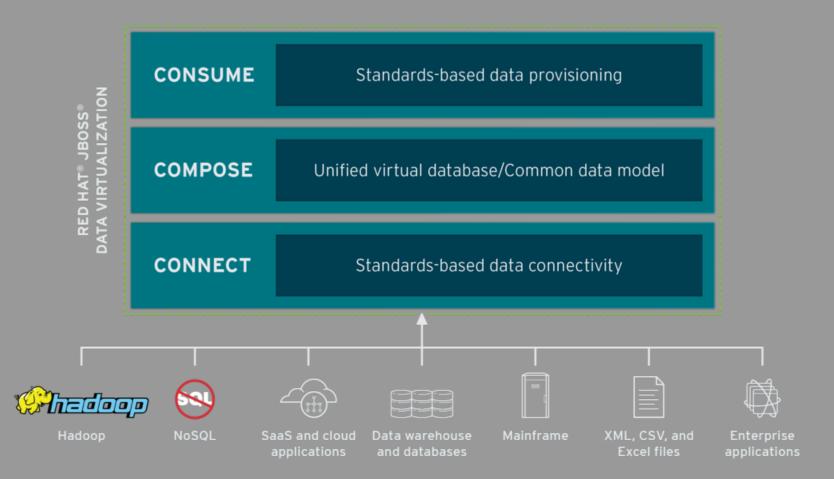
EY





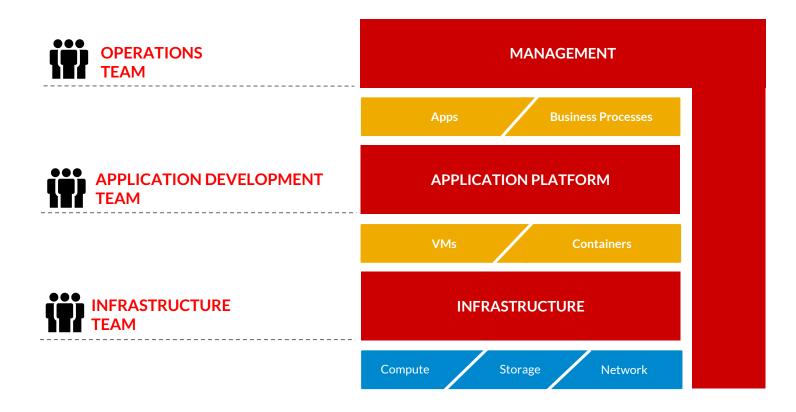


Jan has boy

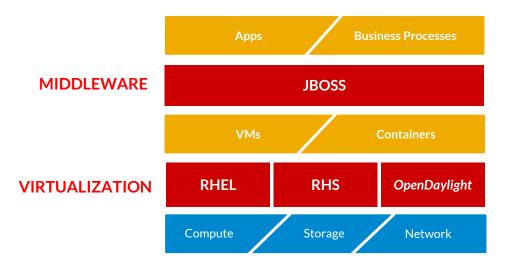


# HOW ALL OF THIS COMES TOGETHER?

### **RED HAT CLOUD**

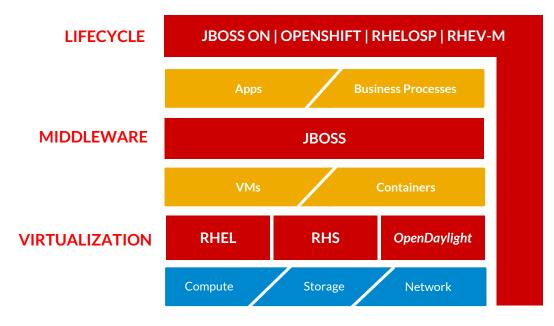


### **RED HAT CLOUD INFRASTRUCTURE**



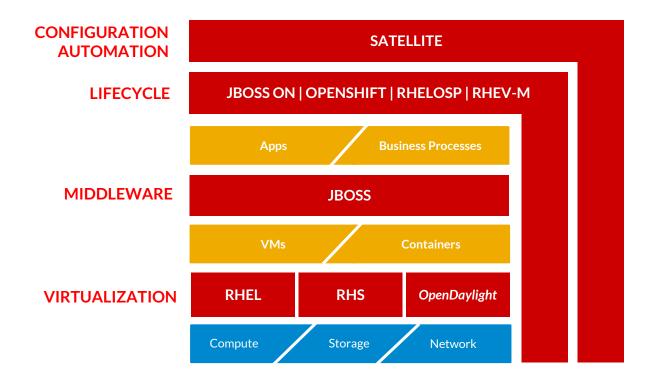


### **RED HAT CLOUD MANAGEMENT**



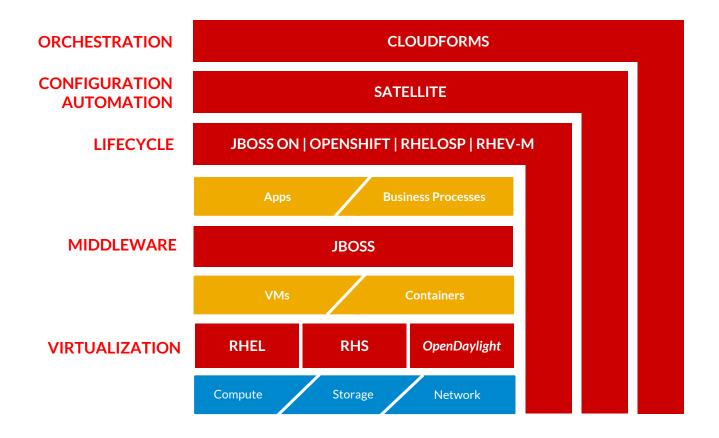


### **RED HAT CLOUD MANAGEMENT**

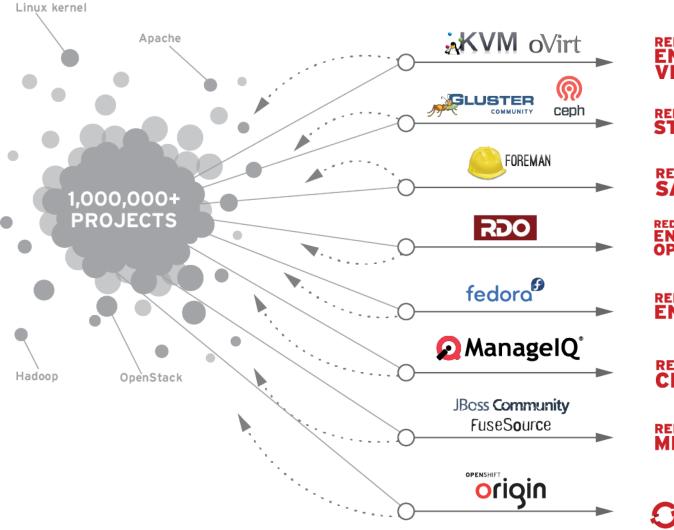




### **RED HAT CLOUD MANAGEMENT**







#### RED HAT ENTERPRISE VIRTUALIZATION

RED HAT' STORAGE

RED HAT

RED HAT' ENTERPRISE LINUX OPENSTACK' PLATFORM

RED HAT' ENTERPRISE LINUX

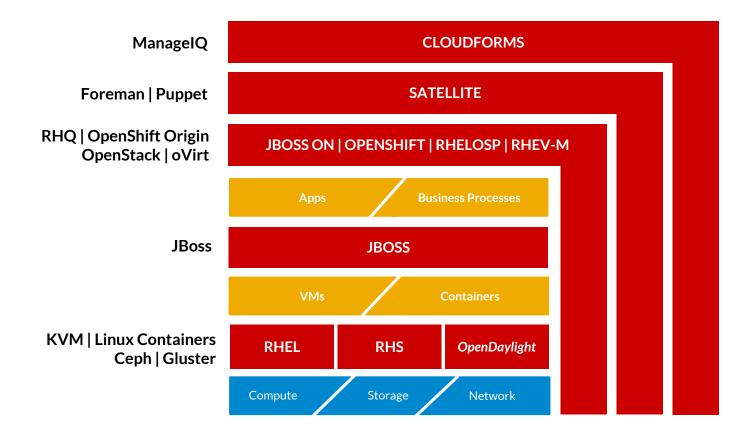
RED HAT

RED HAT JBOSS MIDDLEWARE



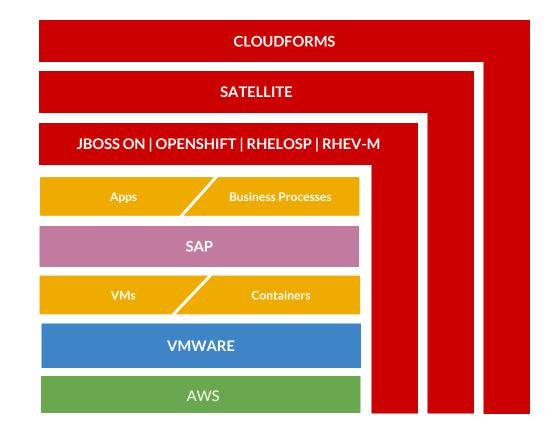


### RED HAT OPEN MANAGEMENT PLATFORM



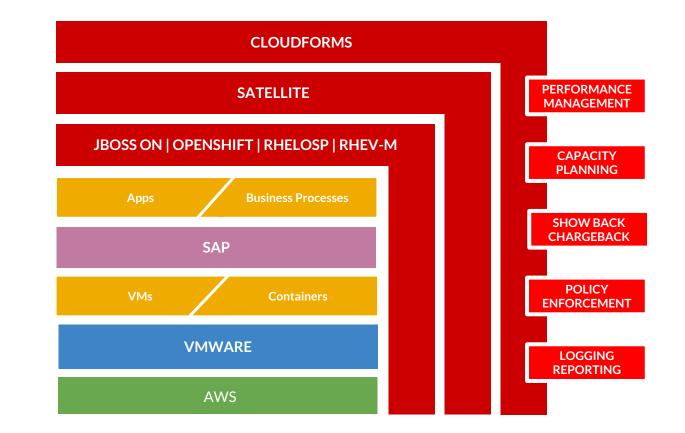


### RED HAT OPEN MANAGEMENT PLATFORM

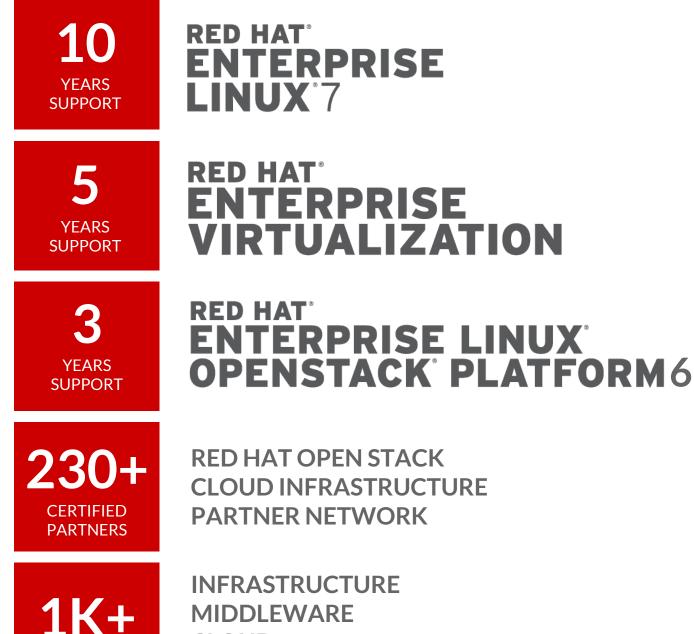




### RED HAT OPEN MANAGEMENT PLATFORM







**CONSULTANTS** 

**CLOUD OPEN SOURCE GOVERNANCE** 

### SERVING AND PROTECTING THE BUSINESS

photo credit: flickr.com/photos/cosmonautiruss



### MORE THAN JUST LINUX.

