



RED HAT MANAGEMENT VISION AND STRATEGY

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HISTORY OF SYSTEMS MANAGEMENT

First there were
platform vendors....

life was simple offering
tools to manage only
one platform - theirs!

...but enterprises had
many platforms..

didn't want different
tools....the era of
heterogeneous
systems management

...then clouds came
along...

- private, public, and
hybrid clouds,
OpenStack, containers,

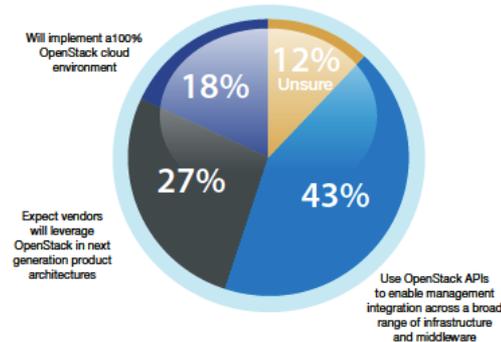
... the era of cloud
systems management

IT IS UNDERGOING TRANSFORMATION

Would you describe your planned 2017 IT environment as hybrid cloud?

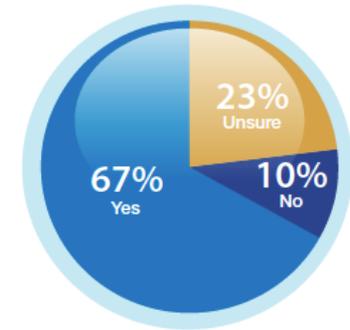


Role of OpenStack in overall cloud strategy during the next 3 years



N=202
Source: Red Hat Hybrid Cloud Management Survey, IDC, October, 2014

Do you plan to run container-based architectures to support new or existing workloads and applications by 2017?



Hybrid Cloud

+

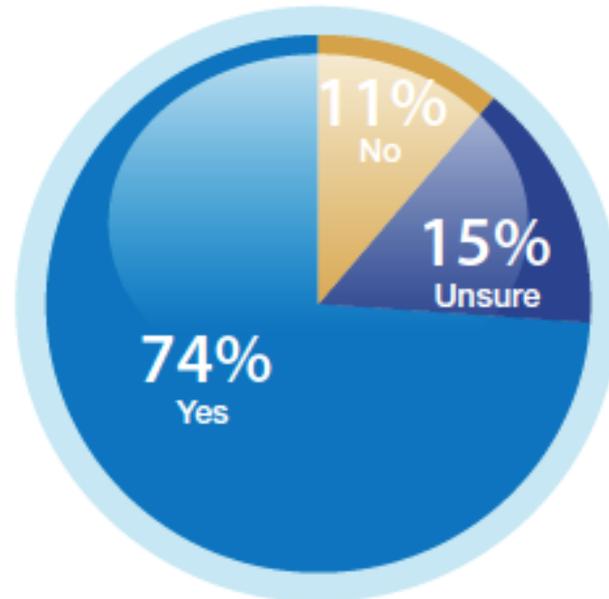
OpenStack

+

Containers

MANAGEMENT IS CHANGING TOO

Considering all the changes your organization faces in terms of implementing hybrid cloud and next-generation application architectures, do you believe you will need to purchase new management software solutions between now and 2017?

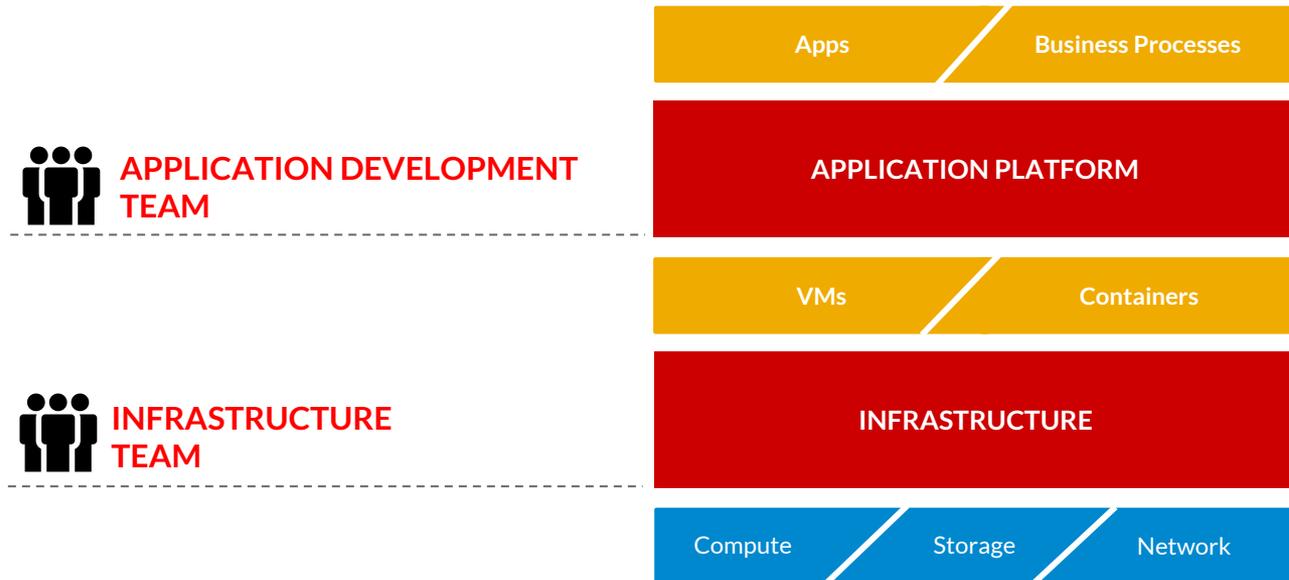


MANAGEMENT VENDOR LANDSCAPE CHANGING

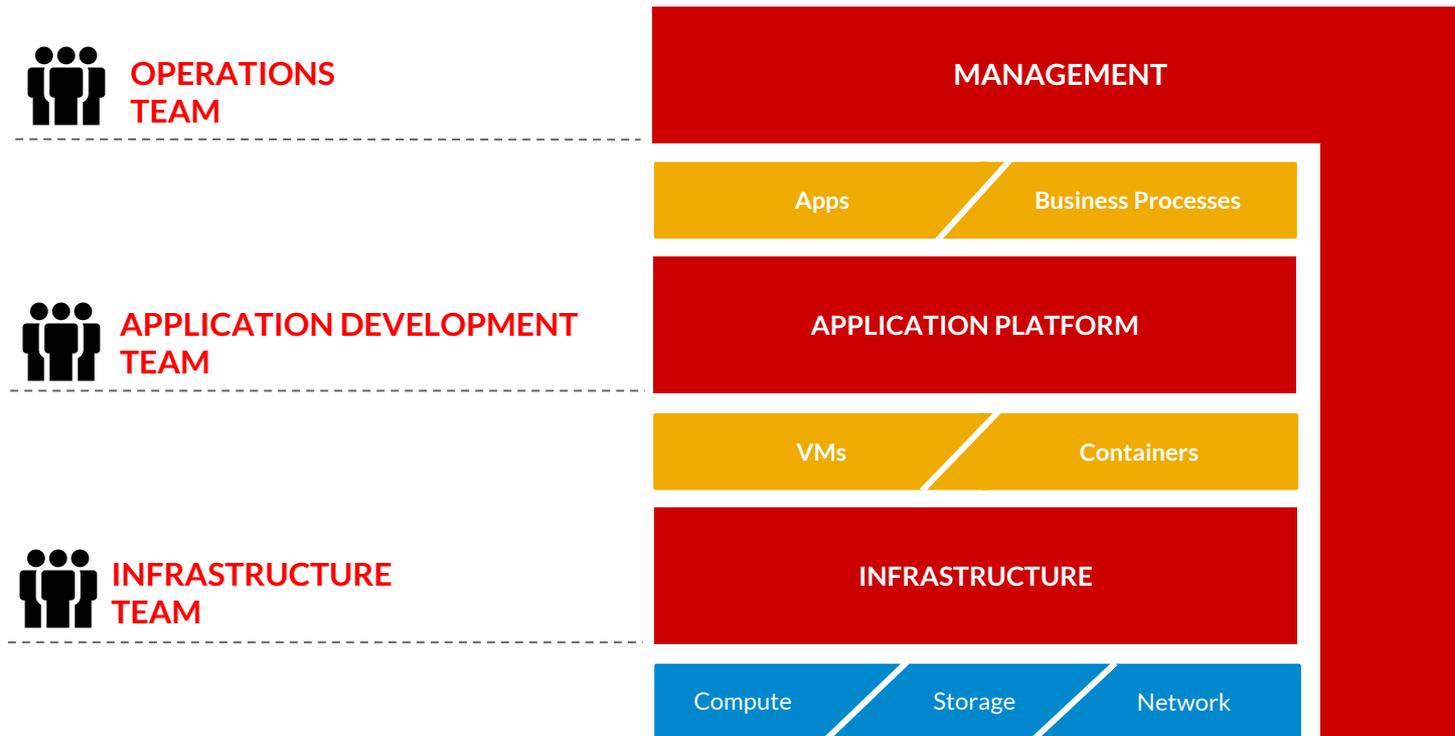
Gartner Predicts:

“By 2017, at least two of the "Big Four" IT operations management (ITOM) vendors will cease to be viable strategic partners for 60% of I&O organizations”

SO WHAT DOES THIS HAVE TO DO WITH RED HAT?



RED HAT MANAGEMENT IS HERE



WHY ARE WE IN MANAGEMENT?

We're building the next generation cloud infrastructure and application platforms

Atomic Host
RHMAP
JBoss EAP
OpenShift
RHELOSP
RHEV
RHS

We've made manageability a priority across all areas

Containers
IaaS
Middleware
PaaS
Security
Storage
Virtualization

We're working across management projects such as

Cockpit
Docker
FreeIPA
Foreman
Katello
Kubernetes
OpenStack
Pulp
Puppet
ManageIQ

We are developing capabilities in

Automation
Configuration Management
Identity Management
Lifecycle Management
Orchestration

WHAT ARE WE **NOT** DOING IN MANAGEMENT?

NOT BUILDING A **MANAGEMENT MONOPOLY**

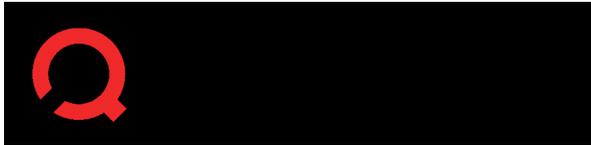
NOT ATTEMPTING TO COVER **ALL MANAGEMENT DISCIPLINES**

NOT ONLY MANAGING **OUR PLATFORMS**

MANAGEMENT TOOLS VS. SUITES VS. PLATFORMS

| TOOLS | SUITES | PLATFORMS |
|--|---|--|
| Usually provide a single management function or area, provided by a single vendor. | Usually provide multiple management functions, rarely well-integrated, provided by a single vendor. | Usually provide some management functions out-of-the-box and allow integration of 3rd party tools, proprietary and dominated by a single vendor. |

RED HAT IS BUILDING AN OPEN MANAGEMENT PLATFORM



A 100% open source management platform to enable composable management providing customers and partners the abilities to integrate any management tool or technology across private, public and hybrid clouds

<http://manageiq.org/>



A growing community of companies solving current and future management challenges across private, public and hybrid clouds.

RED HAT MANAGEMENT



**OPERATIONS
TEAM**

MANAGEMENT

Apps

Business Processes



**APPLICATION DEVELOPMENT
TEAM**

APPLICATION PLATFORM

VMs

Containers



**INFRASTRUCTURE
TEAM**

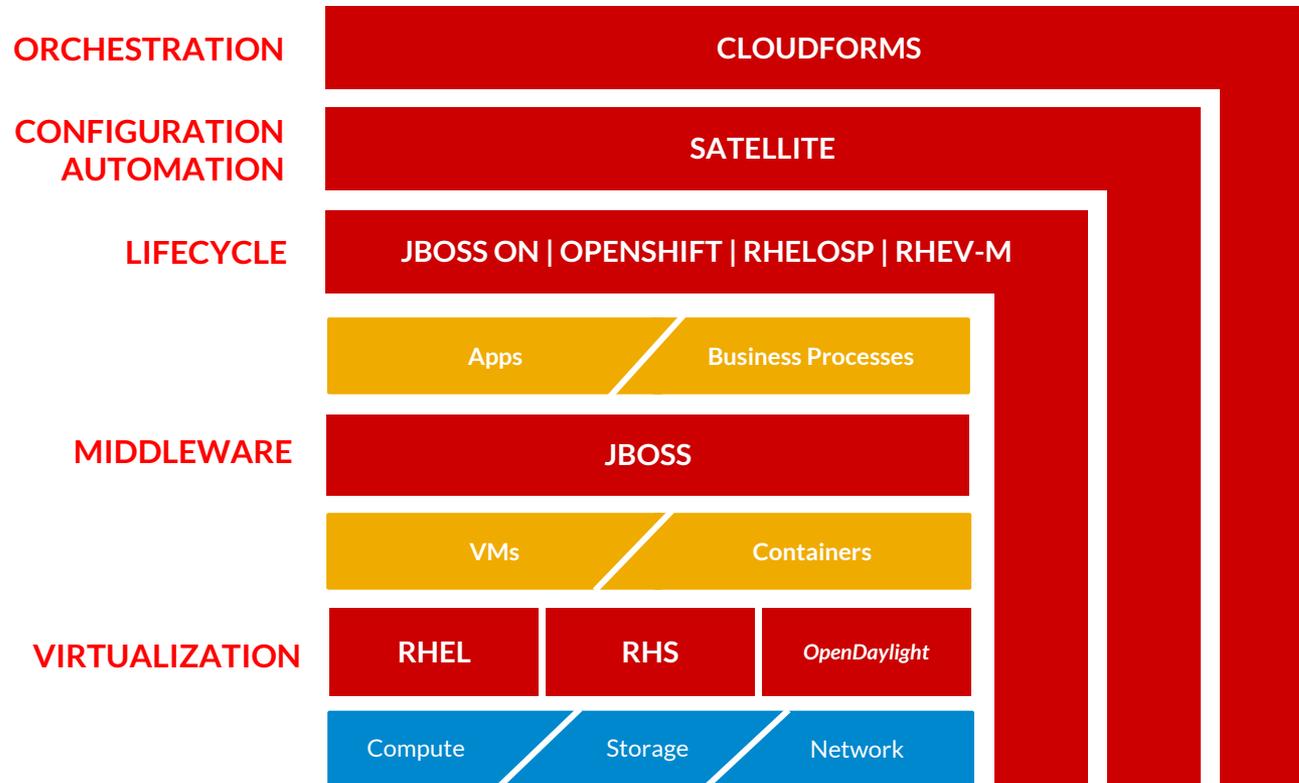
INFRASTRUCTURE

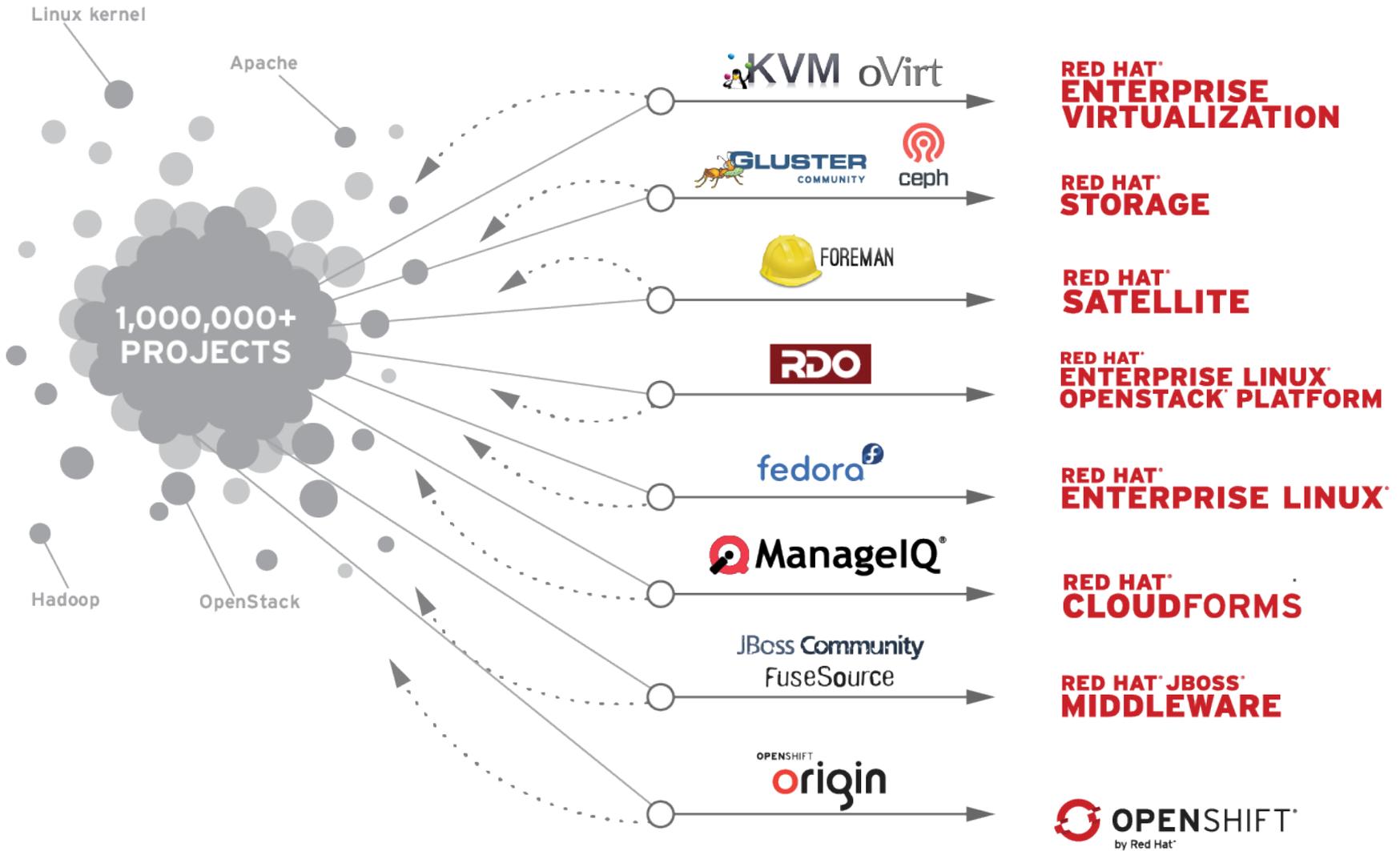
Compute

Storage

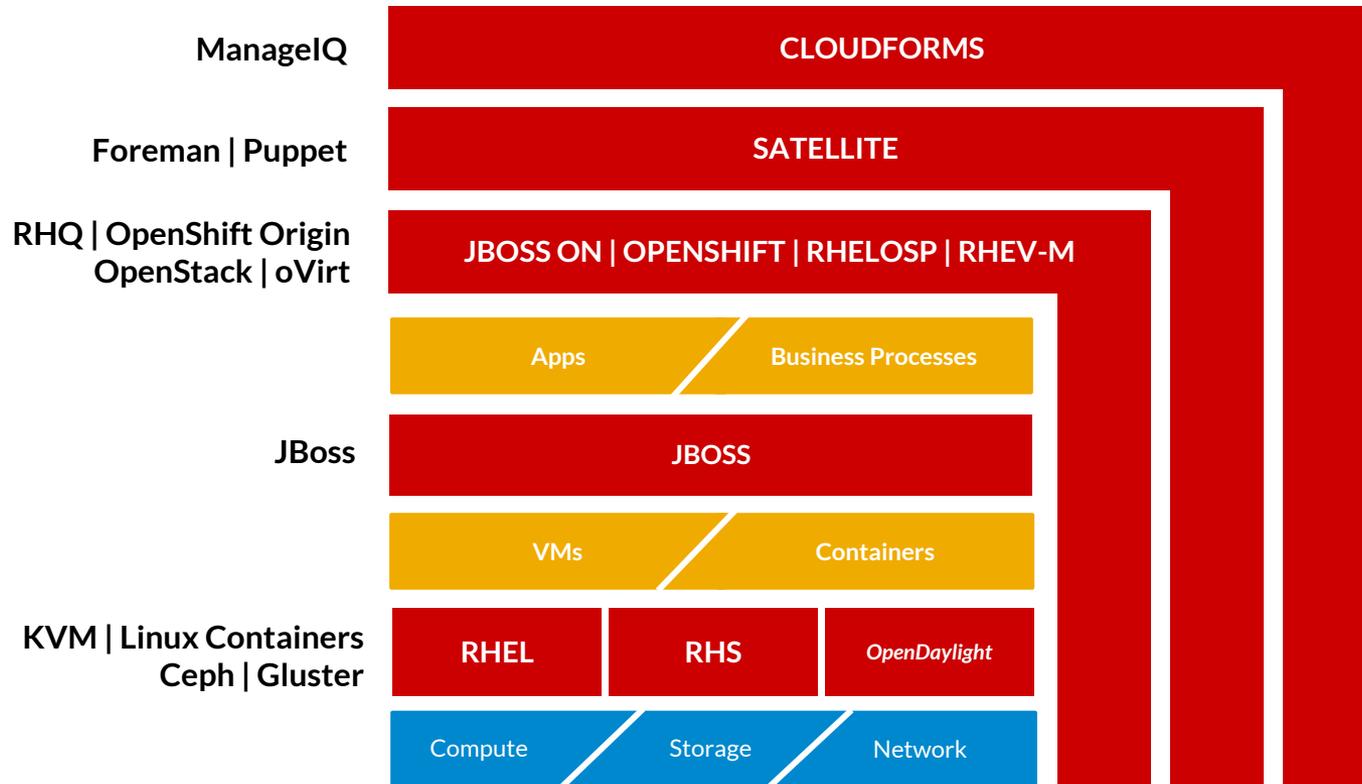
Network

RED HAT MANAGEMENT

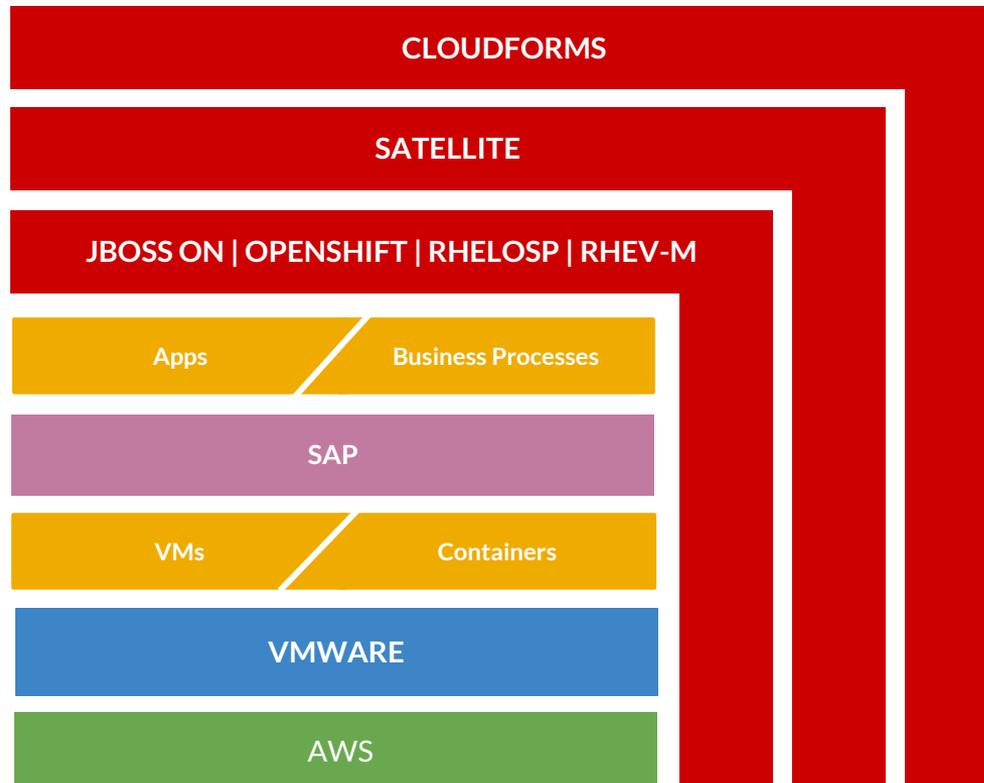




RED HAT OPEN MANAGEMENT



RED HAT OPEN MANAGEMENT



RED HAT MANAGEMENT IS COMPOSABLE



OPERATIONS
TEAM

MANAGEMENT

PERFORMANCE
MANAGEMENT

CAPACITY
PLANNING

SHOW BACK
CHARGEBACK

POLICY
ENFORCEMENT

LOGGING
REPORTING

SESSIONS ABOUT ORCHESTRATION

WEDNESDAY

Hands On With Red Hat CloudForms

10.30AM

BALLROOM B-1

Managing Your Cloud Environment - Customer Insights*

1.30PM

BALLROOM B-1

Out With The Old: How Red Hat CloudForms Improves Management ...*

2.30PM

ROOM 310

OpenStack Infrastructure Management With Red Hat CloudForms

4:50PM

ROOM 313

Managing OpenStack Clouds With Red Hat CloudForms

7:00PM

ROOM 202

THURSDAY

Red Hat CloudForms, Red Hat Satellite 6, & Puppet for Automating JBoss EAP 6

1:20PM

ROOM 311

CloudForms Automate and Red Hat Enterprise Virtualization

1:20PM

BALLROOM B-4

ShellShock, HeartBleed--What's The Next Headache For Compliance?

1:20PM

ROOM 304

Red Hat CloudForms Roadmap

2:30PM

ROOM 206

ManagelQ Birds Of A Feather Session

4:00PM

BOSTON

FRI

Cloud Automation: Migrating 1000+ Servers from vCloud to OpenStack

11:00AM

ROOM 313

CONFIGURATION AND AUTOMATION

WEDNESDAY

Satellite 6 Roadmap

1:20PM

ROOM 312

IKEA vs Shellshock: 1-0

2:30PM

ROOM 304

Real-World Perspectives: Managing Infrastructures with Satellite (Panel)

3:40PM

BALLROOM B-4

Transitioning From Satellite 5 to 6

4:50PM

ROOM 311

THURSDAY

Security Compliance Made Easy(er): Entering SCAP Renaissance

10:40AM

ROOM 304

Shellshock, Heartbleed - What's The Next Headache for Compliance

1:20PM

ROOM 304

CloudForms, Satellite 6 and Puppet for Automating JBoss EAP 6

1:20PM

ROOM 311

Security Compliance Made Easy With OpenSCAP

3:30PM

BALLROOM B-3

10 Steps To Build A Standard Operating Environment

3:40PM

ROOM 311

Puppet Enterprise and Satellite 6

4:50PM

ROOM 311

FRI

Satellite 6 Power User Tips and Tricks

9:45AM

BALLROOM A

CLOUD INFRASTRUCTURE

WEDNESDAY

RHEV Overview And Roadmap

10:40AM

ROOM 312

Deploy An IaaS Private Cloud

10:40AM

ROOM 313

Satellite 6 Roadmap

1:20PM

ROOM 312

RHCI And Identity Management

4:50PM

ROOM 304

OpenStack Infrastructure Management With Cloudforms

4:50PM

ROOM 313

THURSDAY

CloudForms Automate And RHEV

1:20PM

BALLROOM B-4

CloudForms Roadmap

2:30PM

ROOM 206

RHEL OpenStack Platform Roadmap

2:30PM

ROOM 312

Application Portability With RHCI

4:50PM

ROOM 313

FRI

Migrating 1000+ Servers From vCloud To OpenStack

11:00AM

ROOM 313

SEE IT IN ACTION

DEMOS, SESSIONS, AND HANDS ON

ORCHESTRATION

<http://j.mp/orchatsummit>

CONFIGURATION AND AUTOMATION

<http://j.mp/autoatsummit>

CLOUD INFRASTRUCTURE

<http://j.mp/cloudinfraatsummit>



MORE THAN JUST LINUX.