RED HAT CLOUDFORMS

Evolution of Red Hat Hybrid Cloud Management

Traditional CMP
Monolithic on-premise
(CloudForms)
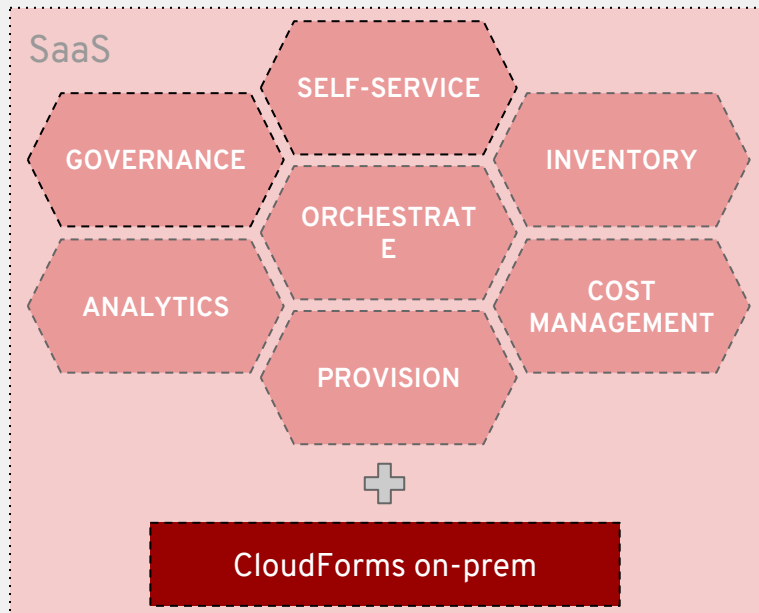
Self-service
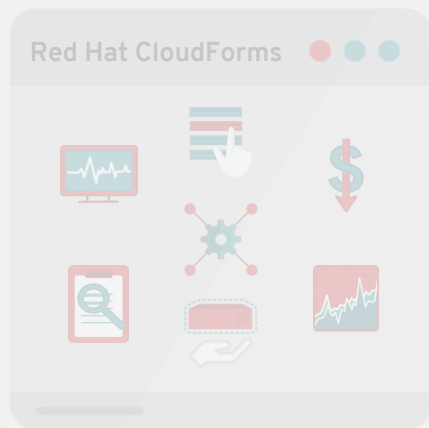
Provisioning

Orchestration

Inventory

Cost Management

Governance

Analytics

Roadmap

New Approach
Hybrid Architecture for Hybrid management
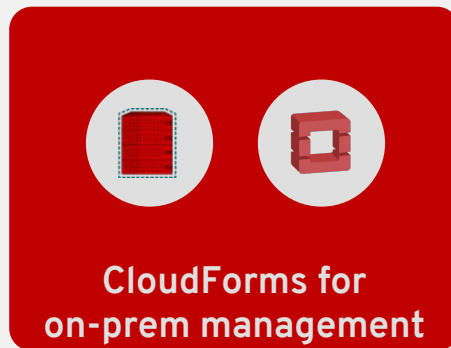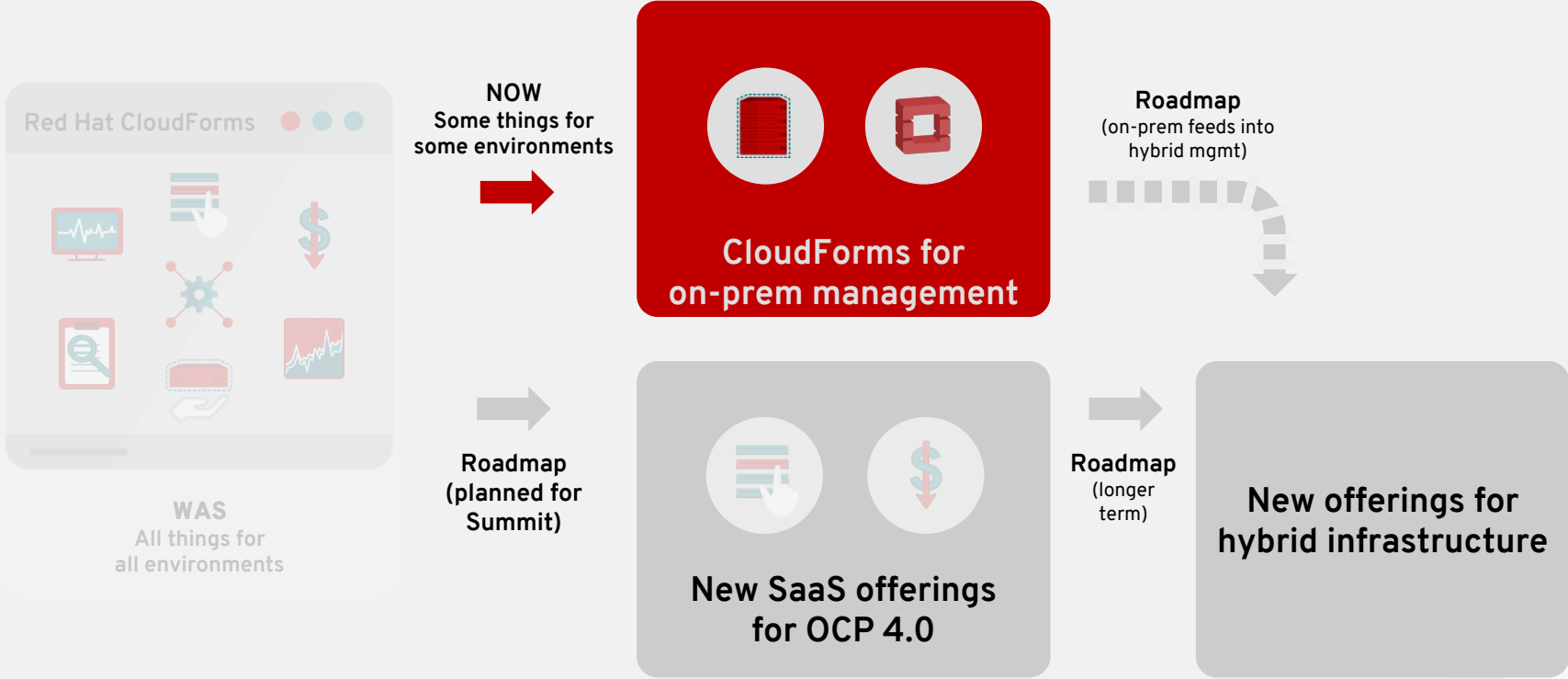Integrated services across hybrid infrastructure for a unified solution

SaaS

SELF-SERVICE

GOVERNANCE

INVENTORY

ORCHESTRATE

ANALYTICS

COST MANAGEMENT

PROVISION

CloudForms on-prem

How is CloudForms being repositioned?

What about managing hybrid environments?

Red Hat CloudForms

WAS
All things for
all environments

NOW
Some things for
some environments

**CloudForms for
on-prem management**

Roadmap
(on-prem feeds into
hybrid mgmt)

Roadmap
(planned for
Summit)

**New SaaS offerings
for OCP 4.0**

Roadmap
(longer
term)

**New offerings for
hybrid infrastructure**

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WHAT IS CLOUDFORMS?

Red Hat® CloudForms® is an on-premise infrastructure management platform that allows IT departments to control users' self-service abilities to provision, manage, and ensure compliance across virtual machines and private clouds.

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USE CASES

Lifecycle management

Policy & Compliance

Resource Optimization

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CloudForms will continue to do what it does best

For OpenStack and virtual environments

- **Lifecycle management**
  - Discover & manage existing infrastructure
  - Enable self-service provisioning and day 2 operations
  - Unify management across virtual and OpenStack environments

- **Policy Compliance**
  - Implement corporate infrastructure policies
  - Enforce policies with automated notification and remediation

- **Resource optimization**
  - Track resource utilization of clusters, providers, and datastores
  - Control sprawl with capacity planning and right-sizing

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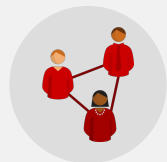# Plus a new use case: infrastructure migration

Migrate from VMware to Red Hat

- **Invest in Transformation**
  Re-invest savings into multi-cloud management, automation, or containers.

- **Cost savings**
  Typical cost savings of 40-50% over 3 years over long-term commitments with proprietary virtualization.

- **Proven methodology**
  Proven methodology to architect, automate, and execute large-scale, mission critical workload migrations.

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What exactly do I sell?

For new, early stage pipeline and future opportunities

KEY USE CASES

MANAGE PRIVATE & VIRTUAL ENVIRONMENTS
Provision and manage VMware hosts, OSP & RHV

MIGRATE VIRTUAL INFRASTRUCTURE
Migrate from VMware to RHV; Manage RHV environments

MANAGE HYBRID INFRASTRUCTURE
Manage across public cloud and on-prem

MANAGE PUBLIC CLOUDS / MULTI-CLOUD
Manage primarily across non-containerized workloads

MANAGE MULTI-CLOUD INFRASTRUCTURE FOR OCP
Manage OpenShift container platform

RECOMMENDED OFFERING

CloudForms via **RHCI or RHV SUITE**

CloudForms via **RHV SUITE**
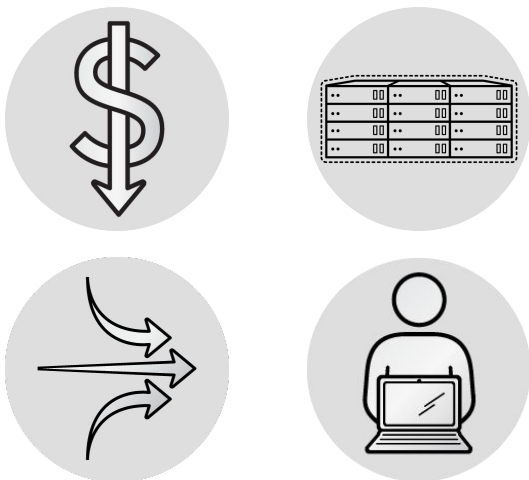
ANSIBLE TOWER *(+ CloudForms as needed)*

ANSIBLE TOWER *(assess applicability)*

OCP *(Tectonic replaces CloudForms in 4.0)*

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INFRASTRUCTURE MIGRATION SOLUTION

RHV Suite is the first migration target

- Combines technologies, consulting services, and leading subscriptions to deliver significant infrastructure savings
- Alternative platforms including Red Hat Virtualization and Red Hat OpenStack Platform
- Provides a modern, flexible infrastructure supporting hybrid cloud and cloud-native architectures
- Safely migrate from proprietary virtualization to flexible open source alternatives

http://red.ht/possibilities

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INFRASTRUCTURE MIGRATION STRATEGY

Three aspects to successful migration

Planning and platform setup

- Define approach and architecture

- Operationalize alternative platform

- Identify and characterize VMs for migration

Migration tooling and approach

- Included comprehensive tooling for VM migration.

- Analyze workloads and develop an approach for migration with key stakeholders to ensure success

Migration execution

- Validate and refine migration approach

- Pilot migration of a representative set of workloads

- Set the stage to migrate thousands of workloads with a strategic approach and proven tools

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#ANSIBLEFEST

Thanks to everyone who attended and helped make this the biggest and best AnsibleFest yet! Stay tuned for this year's videos and enter your email below for AnsibleFest 2019 updates.

Austin 2-3 Oct, 2018

~1,400
Asistentes
solo 500 clientes de productos Red Hat

Sponsors incl.
NetApp, Microsoft & GoogleCloud.

16 Países
41 Estados
On Stage desde RHEL a OCP, MW y Storage

20+
Briefings con clientes y *prospects* de Ansible Tower

Incl. Bank of America, Citibank, Aetna, Apple y Telstra

Anuncios:

#1 Ansible Security Automation

#2 Ansible Certified Content Program

#1 ANSIBLE SECURITY AUTOMATION

Nuevos módulos que permiten integrar y orquestar tareas y procesos de seguridad.

Ejemplos de casos de uso:
- Detección y triaje de actividades sospechosas
- Investigación de amenazas
- Respuestas a incidencias

Soportamos: Checkpoint (NGFW), Splunk (ES) y Snort.

#1 ANSIBLE SECURITY AUTOMATION

Facilita la seguridad de los sistemas, una de las tareas de IT más complejas

Permite que distintas tecnologías de seguridad actúen conjuntamente de forma unificada, como respuesta a cyber-ataques:

- Firewalls
- Sistemas de detección de intrusión (IDS)
- SIEM (*Security information and event managemen*t)

Now	**Beta**	**SKO**
TECH PREVIEW	**Q4FY19**	**GA**
*Ansible Galaxy (Q1 CY19)		

#1 ANSIBLE SECURITY AUTOMATION

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By Joe Fitzgerald, vice president, Management, Red Hat

"Since Red Hat acquired Ansible in 2015, we have been working to make the automated enterprise a reality by **driving Ansible into new domains and expanding automation use cases.** With the new Ansible security automation capabilities, **we're making it easier to manage one of enterprise IT's most complex tasks: systems security**. These new modules can help users take an automation-centric approach to IT security, integrating solutions that otherwise would not work together and helping to manage and orchestrate entire security operations with a single, familiar tool."

#2 ANSIBLE CERTIFIED CONTENT PROGRAM

Certificación de módulos y de Plugins (Red Hat y de terceros) - "Scan" de vulnerabilidades conocidas, compatibilidad y validación de funcionamiento en producción.

Este programa permite:
- Mitigar el riesgo del uso de contenido de origen desconocido
- ayudar a acelerar el tiempo de despliegue, com mayor seguridad, confianza y consistencia en el contenido.

+2M sistemas soportados por Ansible Tower

#2 ANSIBLE CERTIFIED CONTENT PROGRAM

Partners certificados:
Cisco (ACI, NSO, NX-OS, and UCS product families),
CyberArk,
F5 Networks,
Infoblox,
NetApp

Se esperan +275 módulos certificados, por encima de los actualmente soportados, por parte de este ecosistema.

By Joe Fitzgerald, vice president, Management, Red Hat

"The sheer complexity of modern IT environments make automation a necessity, but **production environments require automation tools that are tested and trusted to work in tandem with critical systems.** With certified Ansible modules available through the Red Hat Ansible Automation Certification Program, we are providing users with ready access to r**igorously tested content with performance that has been verified**, all backed by the support and expertise for which Red Hat is known."

Ansible Engine
Ansible Tower
Ansible Networking
Ansible Security

+

*Ansible Certified Content Program