DISCOVER THE FOUNDATIONS OF DIGITAL TRANSFORMATION

Red Hat Cloud Suite

Eric D. Schabell, Global Technology Evangelist Directory
@ericschabell

redhat.

THE FOUNDATIONS

Solutions Foundational Overview

Specific Cloud Use Cases

Red Hat Cloud Tools

redhat.

SOLUTIONS FOUNDATIONAL OVERVIEW

OUR CUSTOMERS GOING THROUGH A DIGITAL TRANSFORMATION

You need a continuous competitive advantage	You are a software company	Your competition is everywhere
Kodak	Google	FedEx
Snapfish	Bank of America	amazon
Shutterfly	Walgreens	Walmart
chatbooks		UBER

redhat.

MUST BALANCE INNOVATION AND OPTIMIZATION

THEIR TOP IT PRIORITIES AND CHALLENGES

Optimize the IT you have

Integrate apps, data, and processes

Add and manage cloud infrastructure

Build more modern applications

redhat.

MUST ALSO SHOW BUSINESS VALUE FROM I.T.

Optimize the IT you have

GAIN EFFICIENCY

Integrate apps, data, and processes

IMPROVE PRODUCTIVITY

Add and manage cloud infrastructure

INCREASE AGILITY

Build more modern applications

MOVE FASTER

redhat.

SPECIFIC CUSTOMER USE CASES

Optimize the IT you have

Add and manage cloud infrastructure

Build more modern applications

- Accelerate Service Delivery
- Add self-service capabilities
- Migrate virtualized infrastructure
- Migrate legacy applications to cloud-like infrastructure
- Storage migrate to SDS

- Build a private cloud
- Develop, deploy and manage new container-based applications
- Support massively-scalable applications
- Align workloads to right cloud environment
- Manage hybrid cloud or multi-cloud environments

redhat.

RED HAT'S VISION: OPEN HYBRID CLOUD

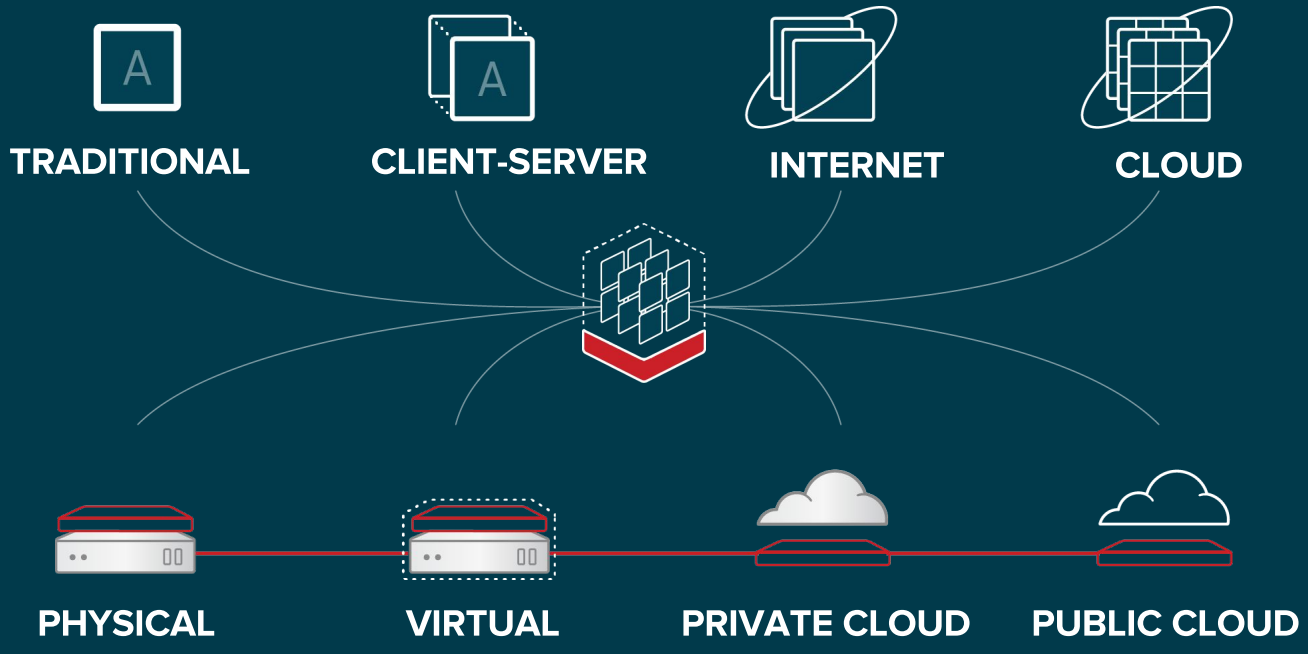
EFFICIENT, STABLE TECHNOLOGY FOUNDATION ACROSS ALL 4 FOOTPRINTS

RED HAT® ENTERPRISE LINUX®

redhat.

RED HAT'S VISION: OPEN HYBRID CLOUD

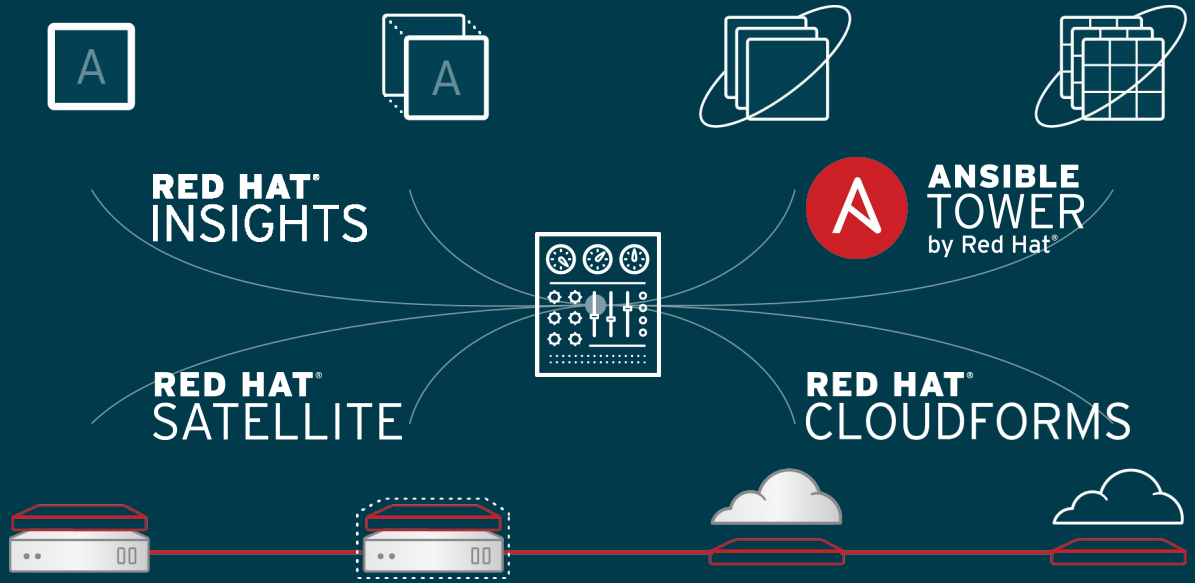
ALL KINDS OF APPS AND ENVIRONMENTS, INCLUDING CONTAINERS



redhat.

RED HAT'S VISION: OPEN HYBRID CLOUD

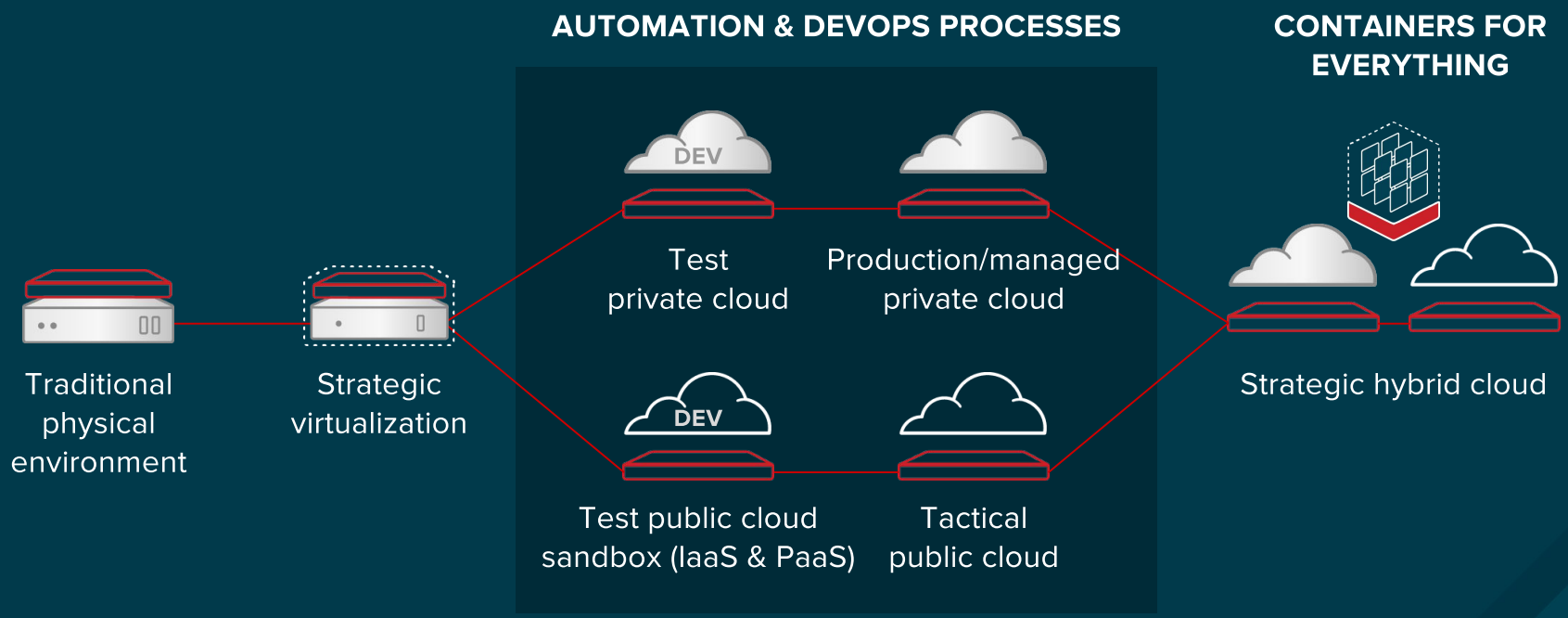
COMMON MANAGEMENT, INTEGRATION, AND AUTOMATION TO KEEP IT ALL GOING



redhat.

IT'S A DIFFERENT JOURNEY FOR EVERYONE

BUT HERE'S WHAT IT LOOKS LIKE FOR ONE FINANCIAL SERVICES CUSTOMER



redhat.

RED HAT CLOUD INFRASTRUCTURE (RHCI)

RED HAT® CLOUD INFRASTRUCTURE

SYSTEM MANAGEMENT

RED HAT® SATELLITE

MANAGEMENT

RED HAT® CLOUDFORMS

RED HAT® INSIGHTS

VIRTUALIZATION

RED HAT® VIRTUALIZATION

VMware

Microsoft Hyper-V

PRIVATE CLOUD

RED HAT® OPENSTACK® PLATFORM

PUBLIC CLOUD

Amazon Web Services

Microsoft Azure

Google Cloud Platform

PLATFORM

RED HAT® ENTERPRISE LINUX®

STORAGE

RED HAT® CEPH STORAGE

redhat.

RED HAT CLOUD SUITE

RED HAT® CLOUD SUITE

SYSTEM MANAGEMENT

RED HAT® SATELLITE

MANAGEMENT

RED HAT® CLOUDFORMS

RED HAT® INSIGHTS

CONTAINERS

RED HAT® OPENSHIFT Container Platform | Kubernetes

VIRTUALIZATION

RED HAT® VIRTUALIZATION

VMware

Microsoft Hyper-V

PRIVATE CLOUD

RED HAT® OPENSTACK® PLATFORM

PUBLIC CLOUD

Amazon Web Services

Microsoft Azure

Google Cloud Platform

PLATFORM

RED HAT® ENTERPRISE LINUX®

STORAGE

RED HAT® CEPH STORAGE

RED HAT CLOUD SOLUTIONS ALIGNED TO CUSTOMER CHALLENGES

Optimize the IT you have

Add and manage cloud infrastructure

Build more modern applications

Red Hat JBoss Middleware

Red Hat Cloud Infrastructure

Red Hat Cloud Suite

OpenShift Container Platform

Red Hat Storage / Security / Management

redhat.

SPECIFIC CLOUD USE CASES

redhat

SPECIFIC CLOUD USE CASES

Optimize the IT you have

Add and manage cloud infrastructure

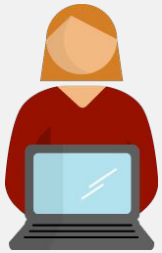
Build more modern applications

- Accelerate Service Delivery
- Add self-service capabilities
- Migrate virtualized infrastructure
- Migrate legacy applications to cloud-like infrastructure
- Storage migrate to SDS

- Build a private cloud
- Develop, deploy and manage new container-based applications
- Support massively-scalable applications
- Align workloads to right cloud environment
- Manage hybrid cloud or multi-cloud environments

redhat.

SLOW DELIVERY

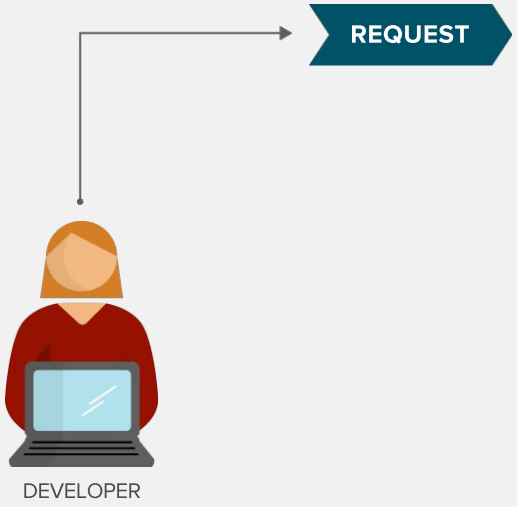


DEVELOPER

HEAD OF OPERATIONS

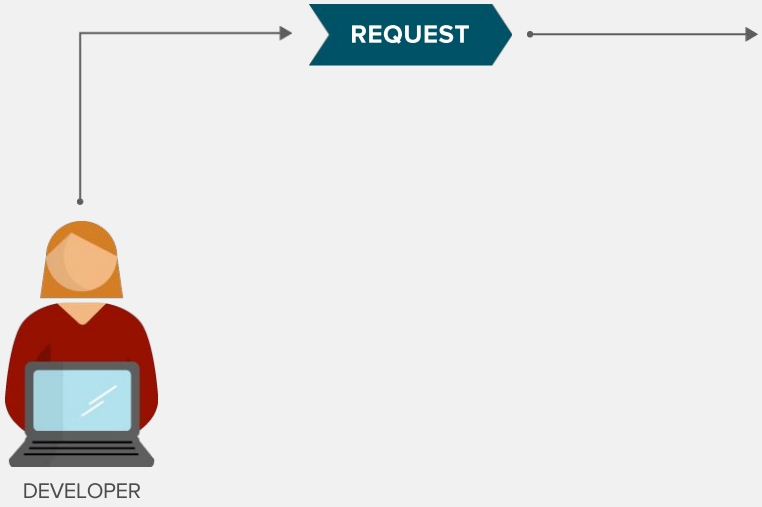
redhat.

SLOW DELIVERY

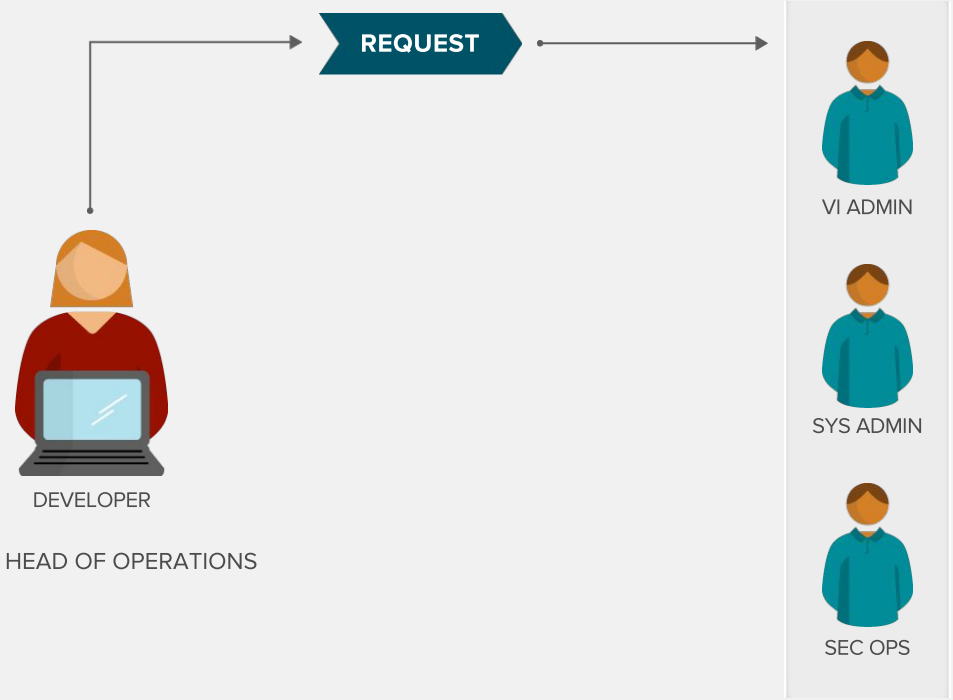


HEAD OF OPERATIONS

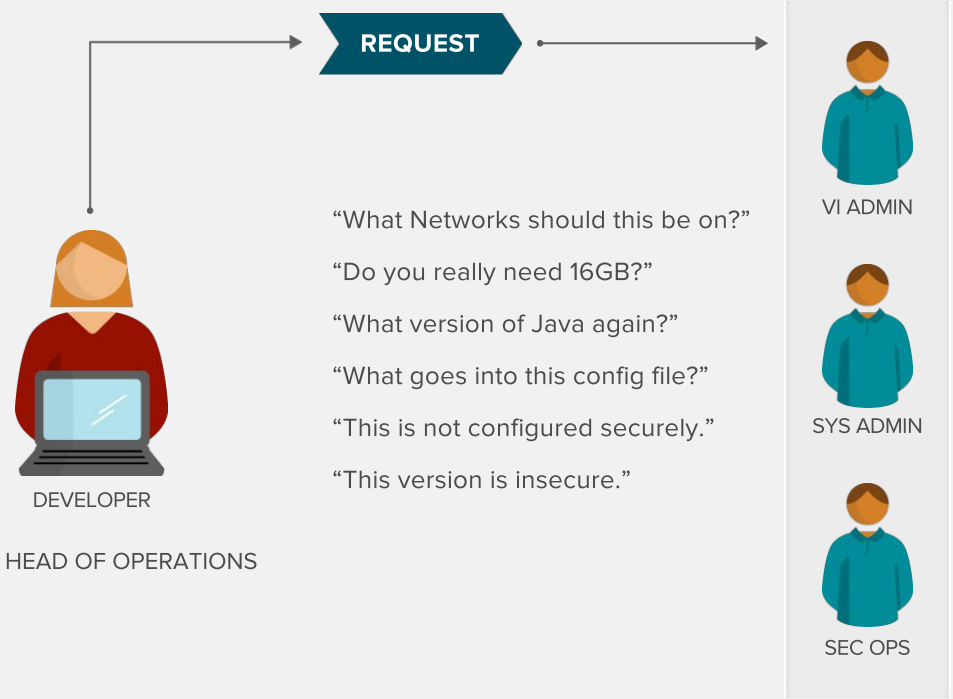
SLOW DELIVERY



SLOW DELIVERY

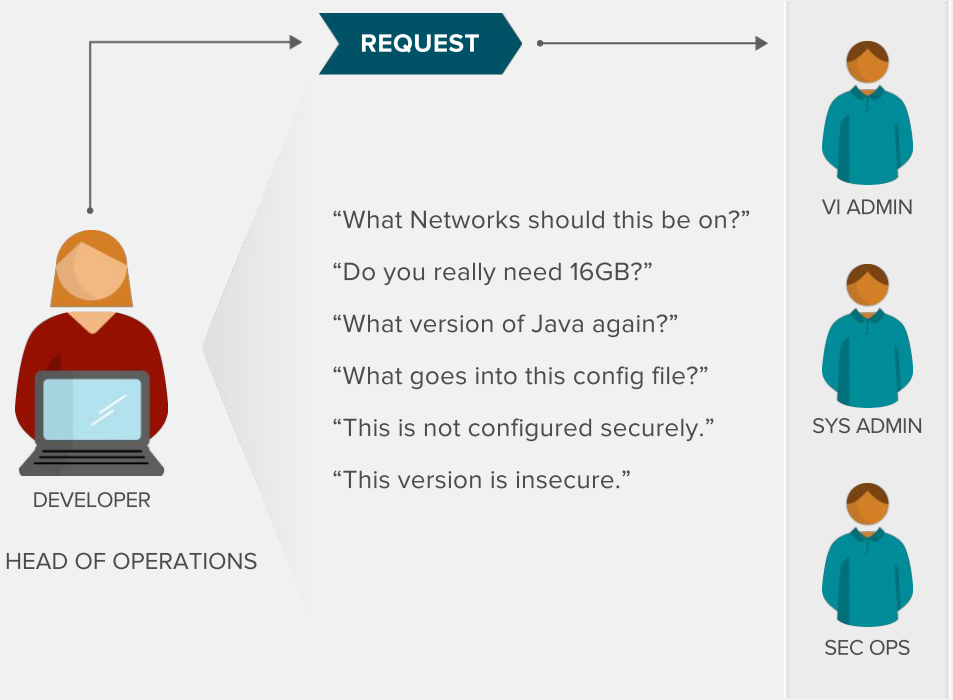


SLOW DELIVERY

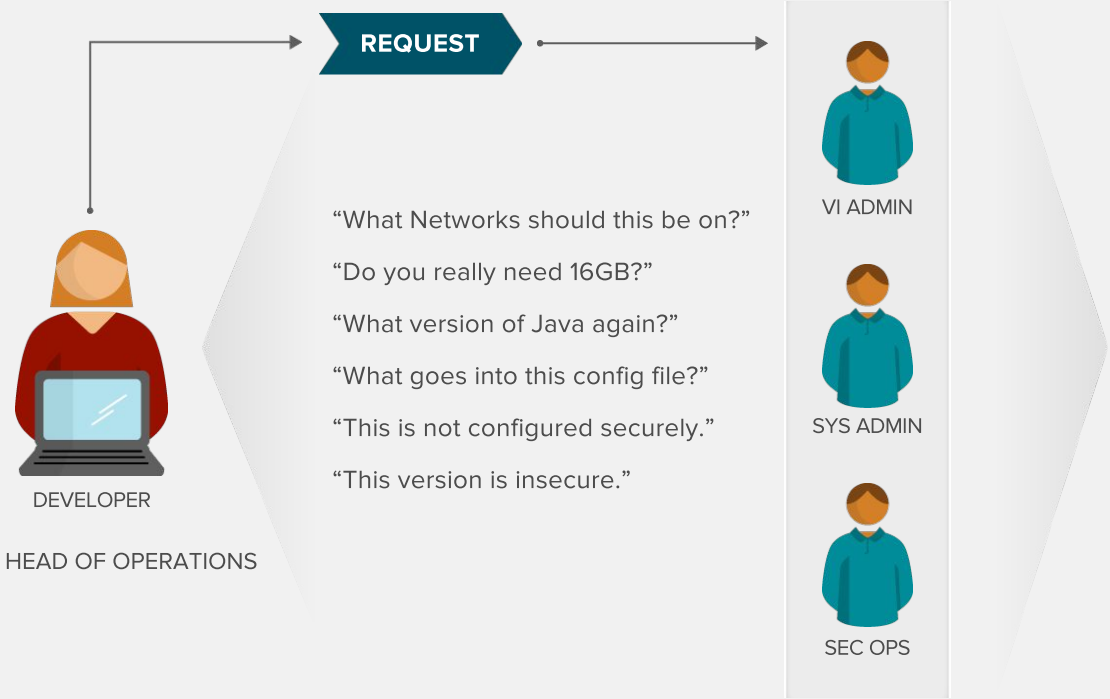


redhat.

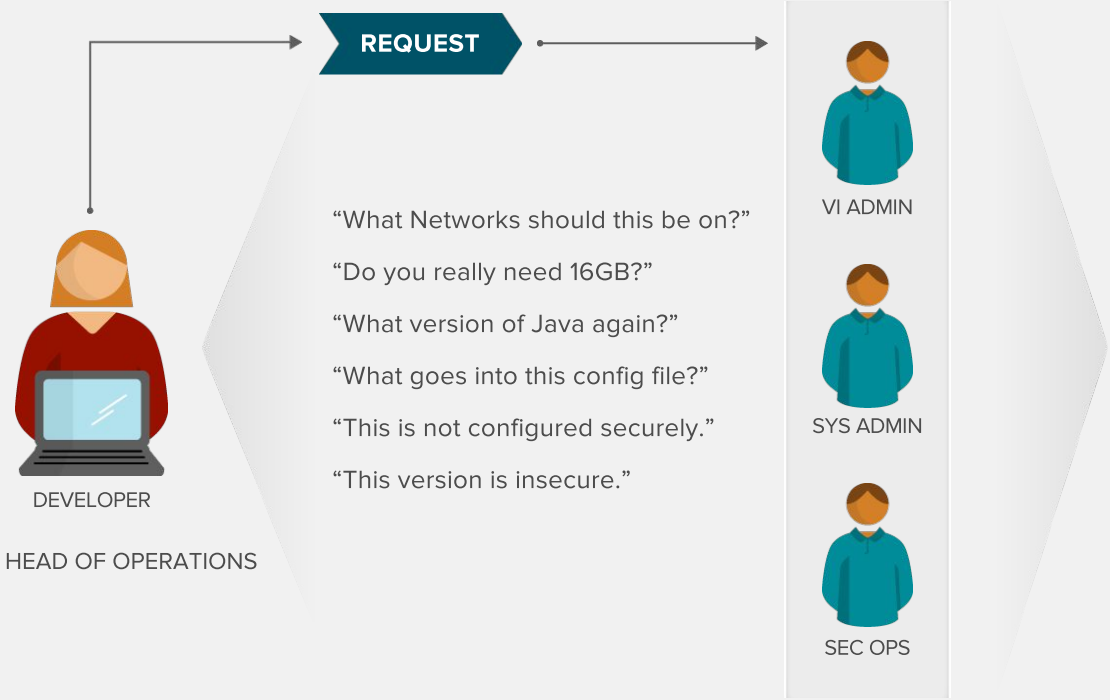
SLOW DELIVERY



SLOW DELIVERY

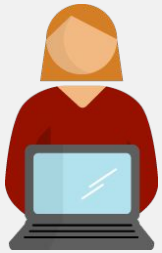


SLOW DELIVERY



TASK	TIME (MINS)
Create virtual machine	30
Add storage and networking	30
Queue between teams	4 Days
Install operating system	90
Wait after install	60
Configure operating system	120
Install application platforms	180
Configure application platforms	90
Queue between teams	5 Days
Security configuration and scan	270
ACTIVE WORK TIME	**12 hours**
TOTAL TIME	**10 Days**

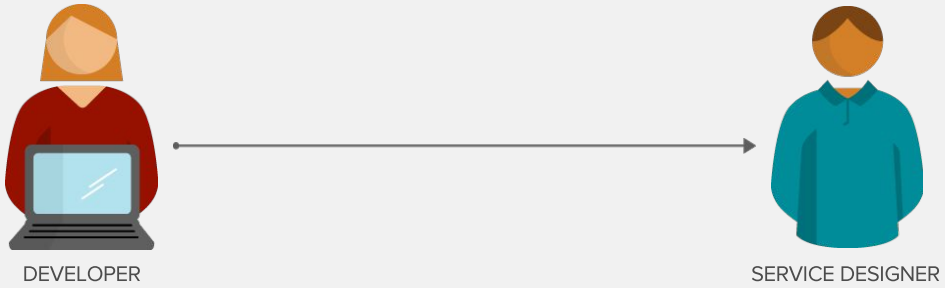
ACCELERATE DELIVERY



DEVELOPER

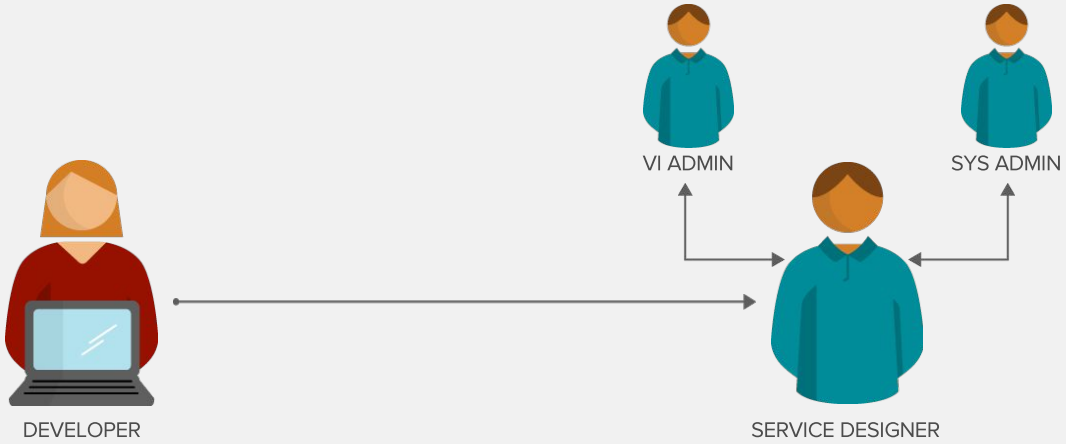
redhat.

ACCELERATE DELIVERY

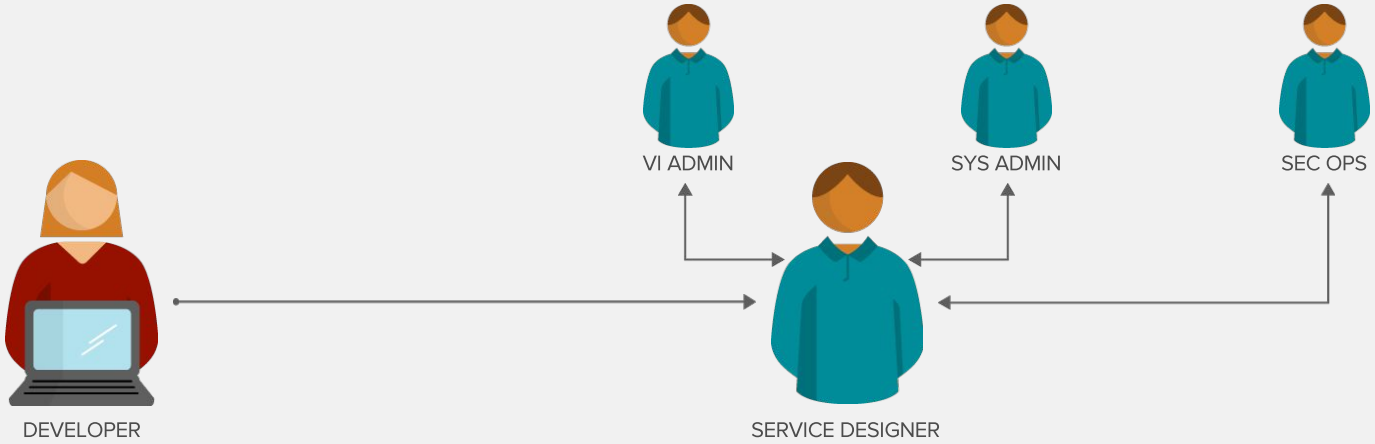


ACCELERATE DELIVERY

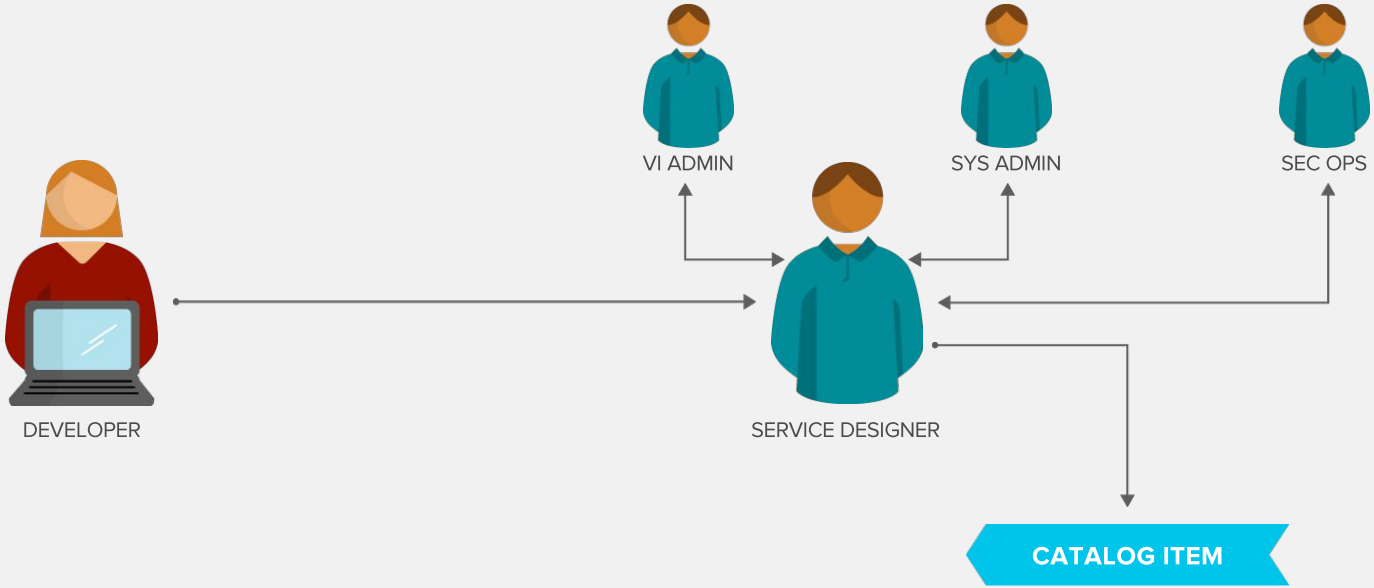
ACCELERATE DELIVERY



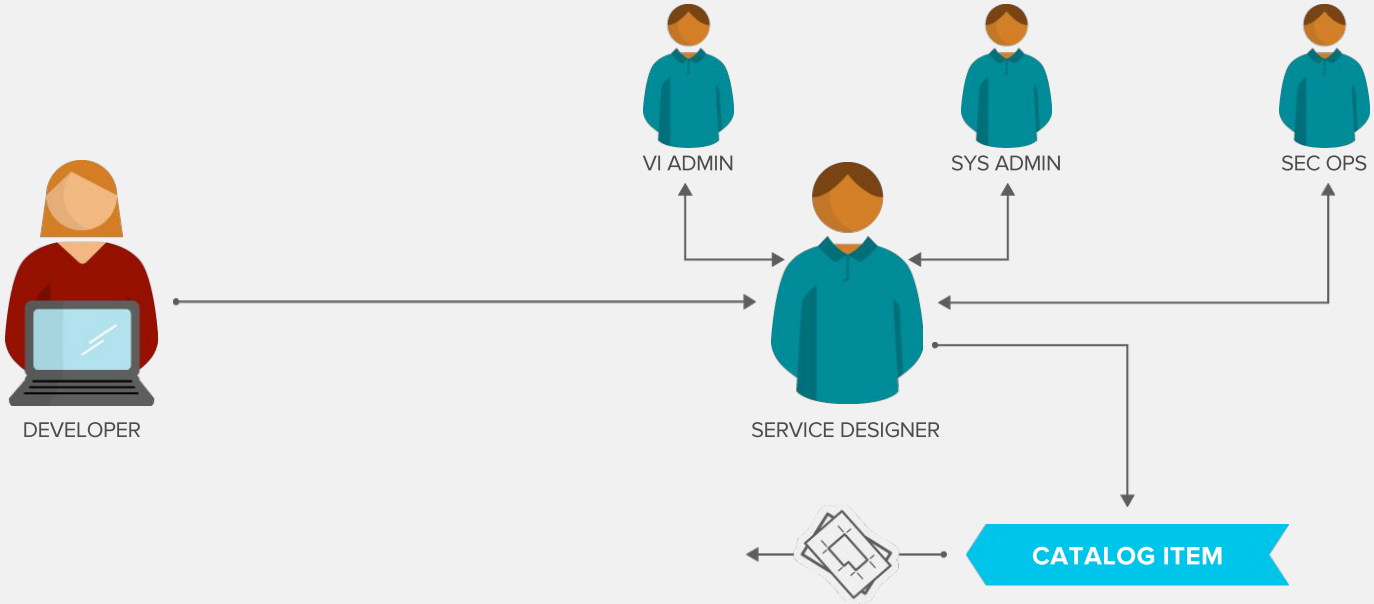
ACCELERATE DELIVERY



ACCELERATE DELIVERY

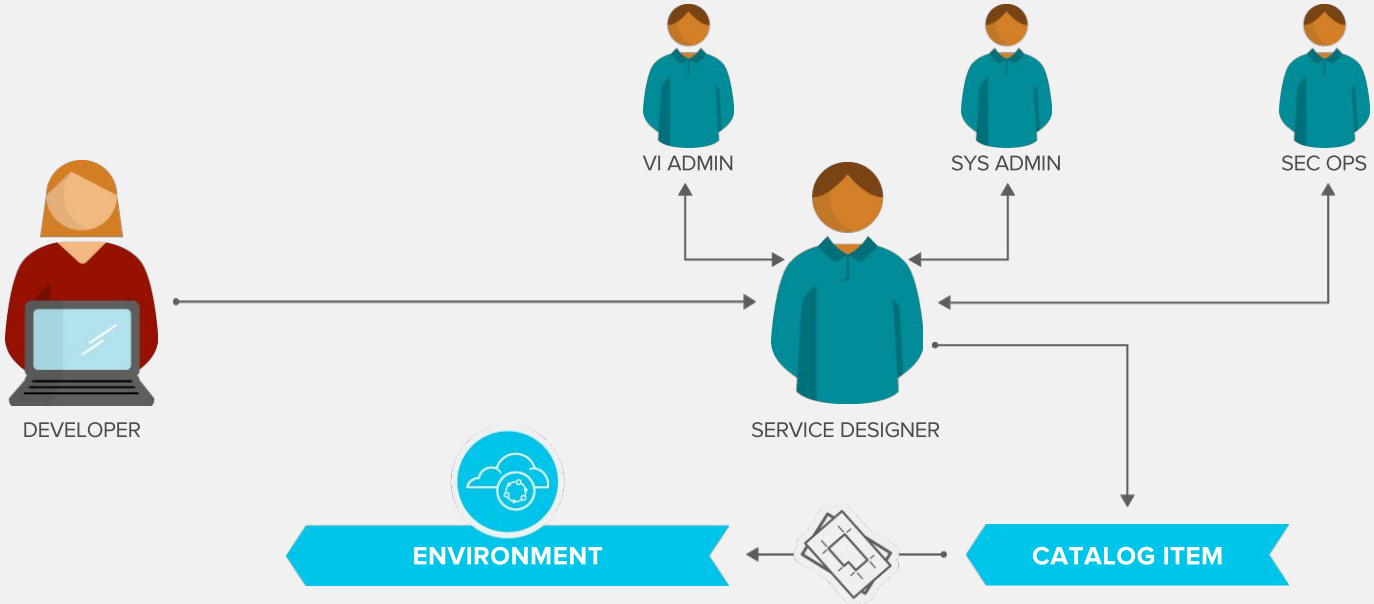


ACCELERATE DELIVERY

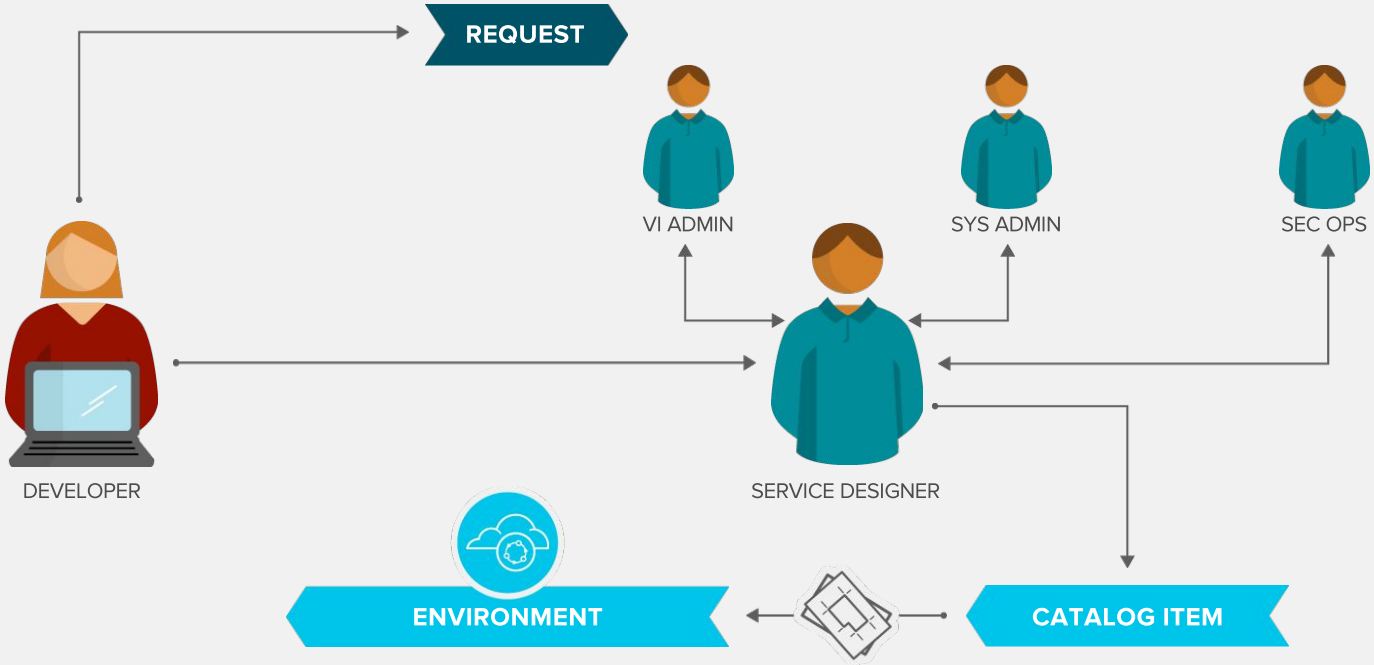


redhat.

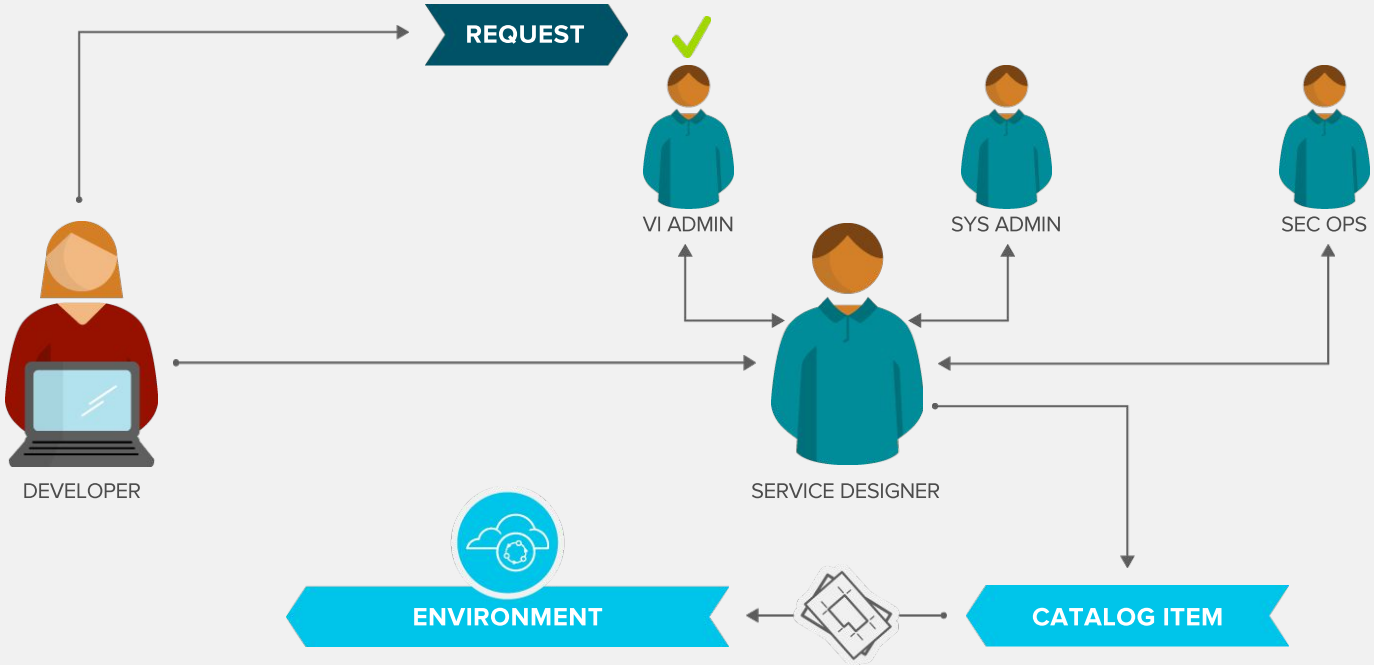
ACCELERATE DELIVERY



ACCELERATE DELIVERY

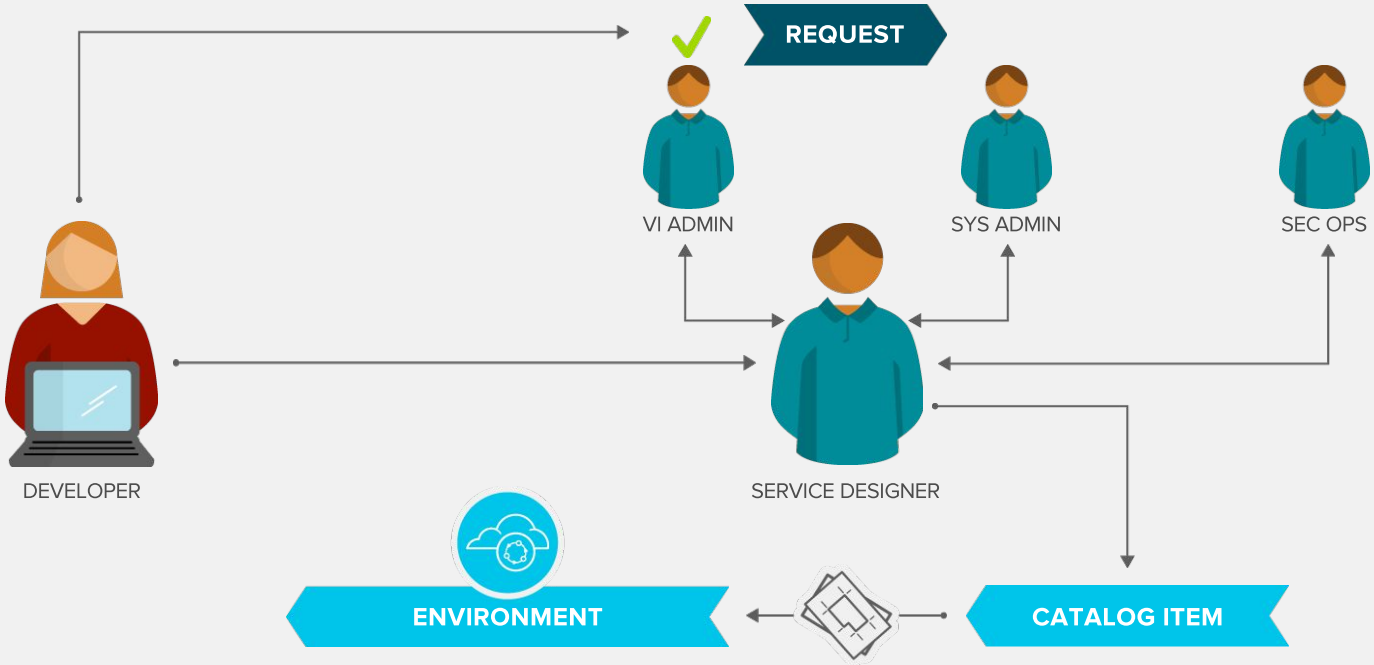


ACCELERATE DELIVERY



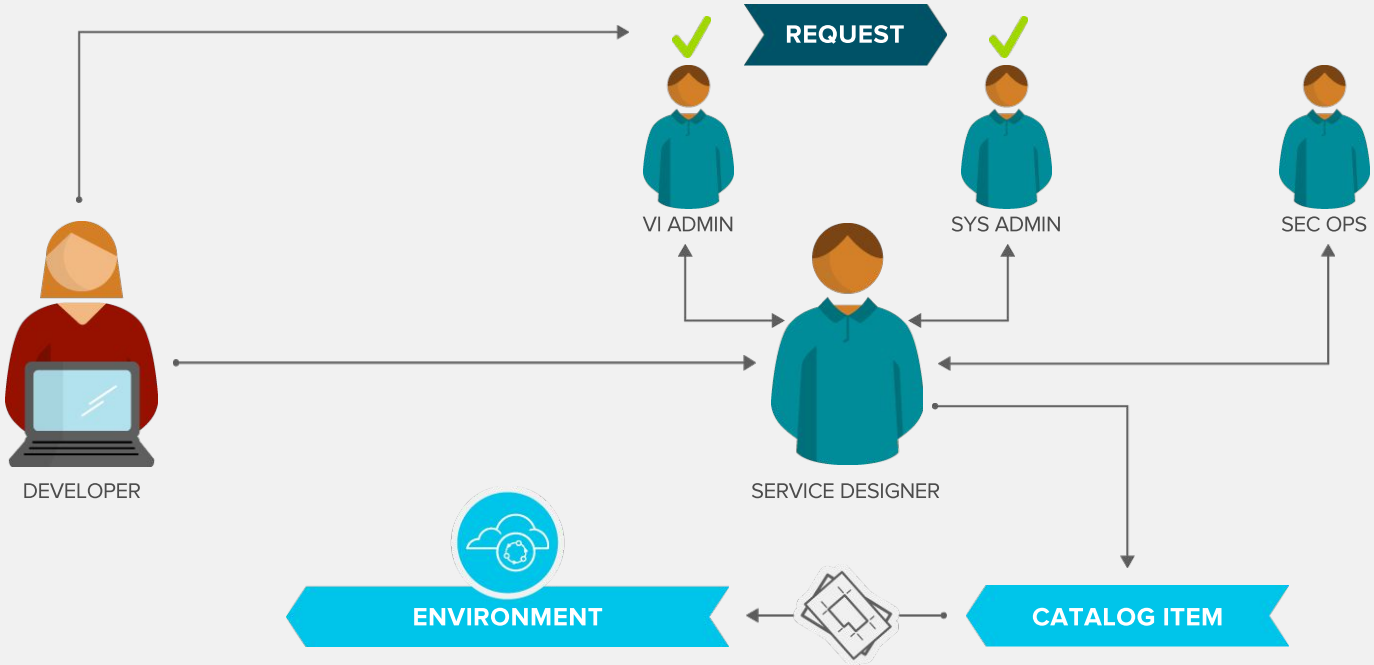
redhat.

ACCELERATE DELIVERY



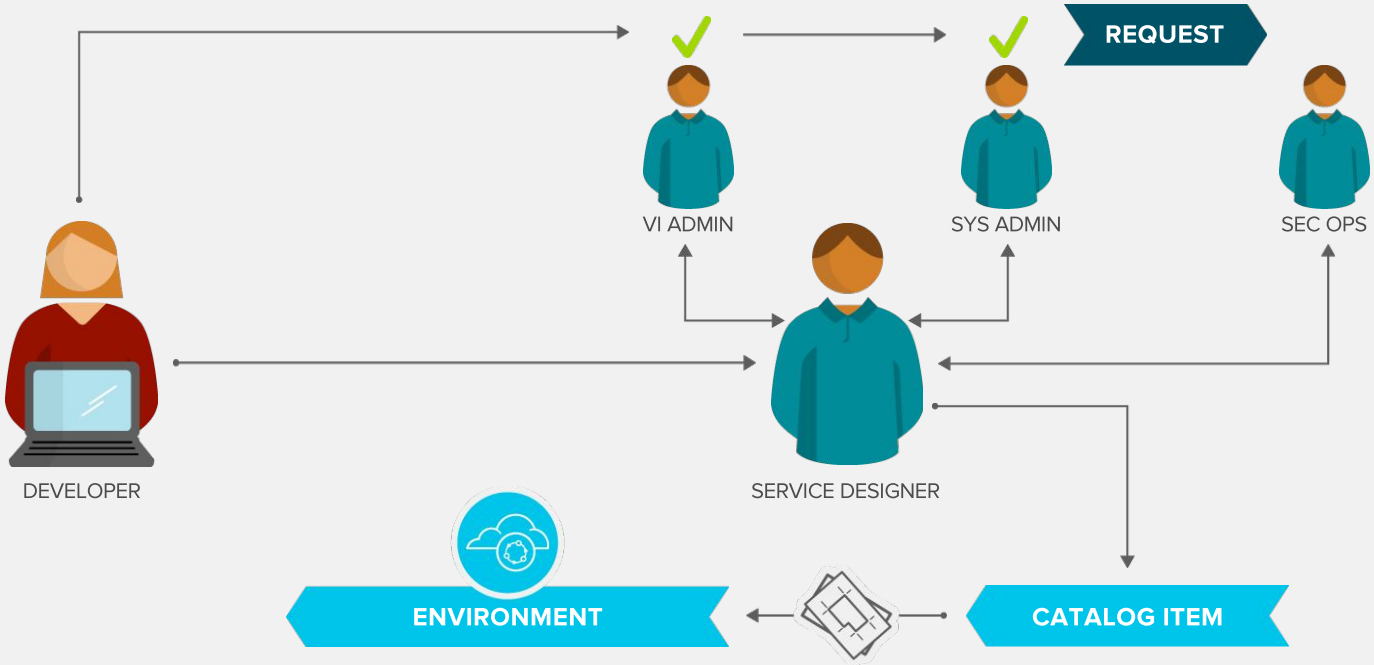
redhat.

ACCELERATE DELIVERY



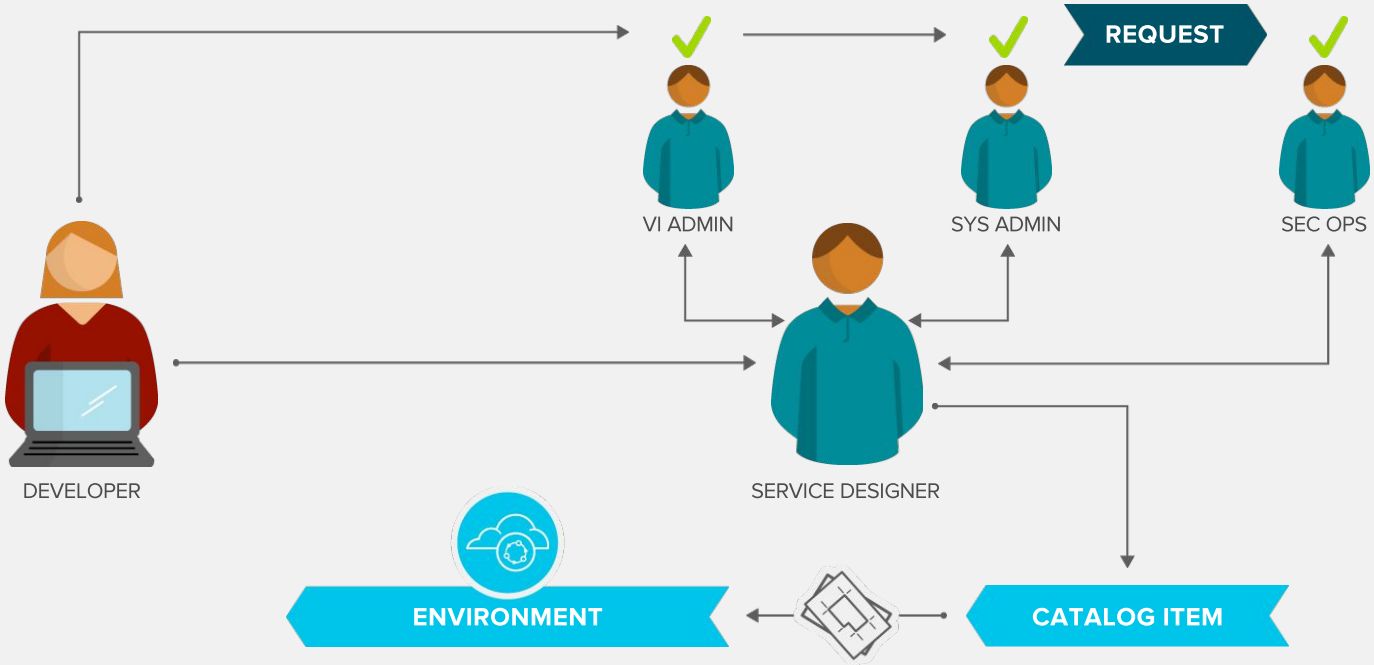
redhat.

ACCELERATE DELIVERY



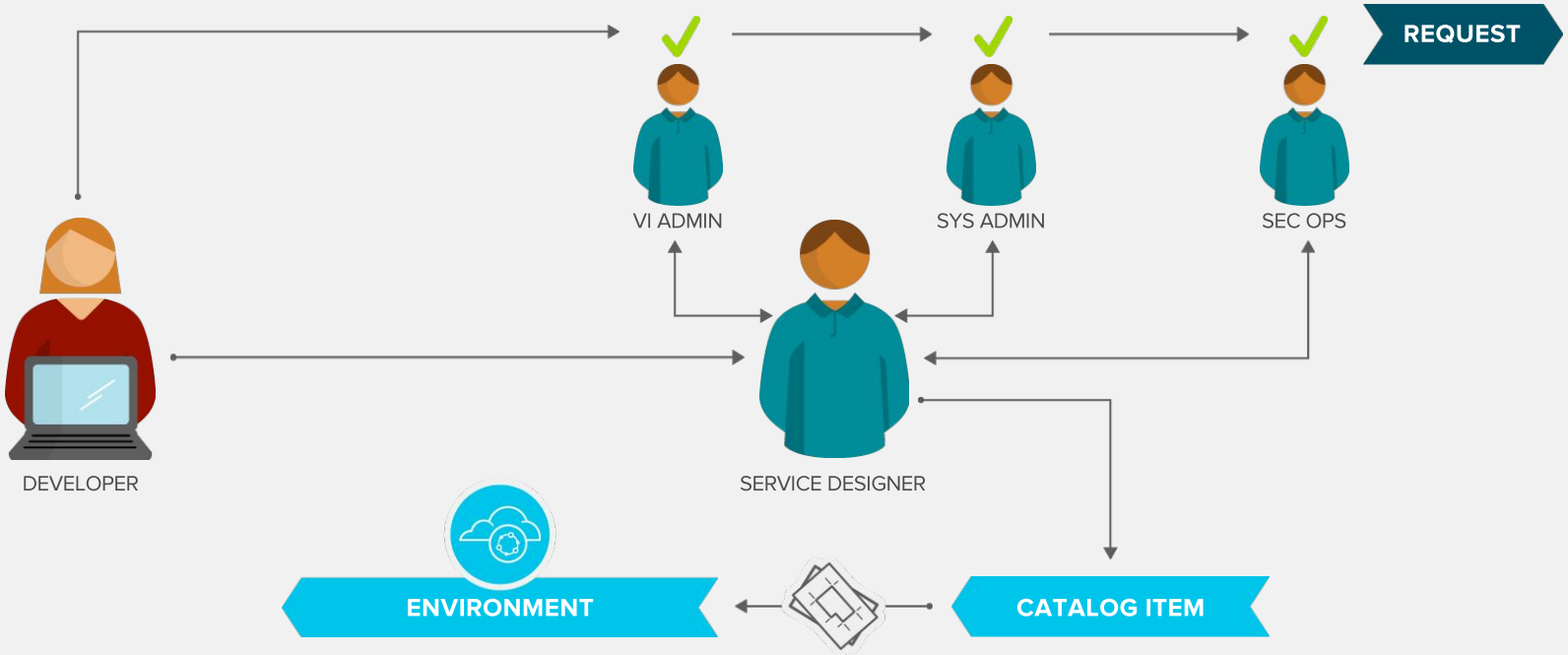
redhat.

ACCELERATE DELIVERY



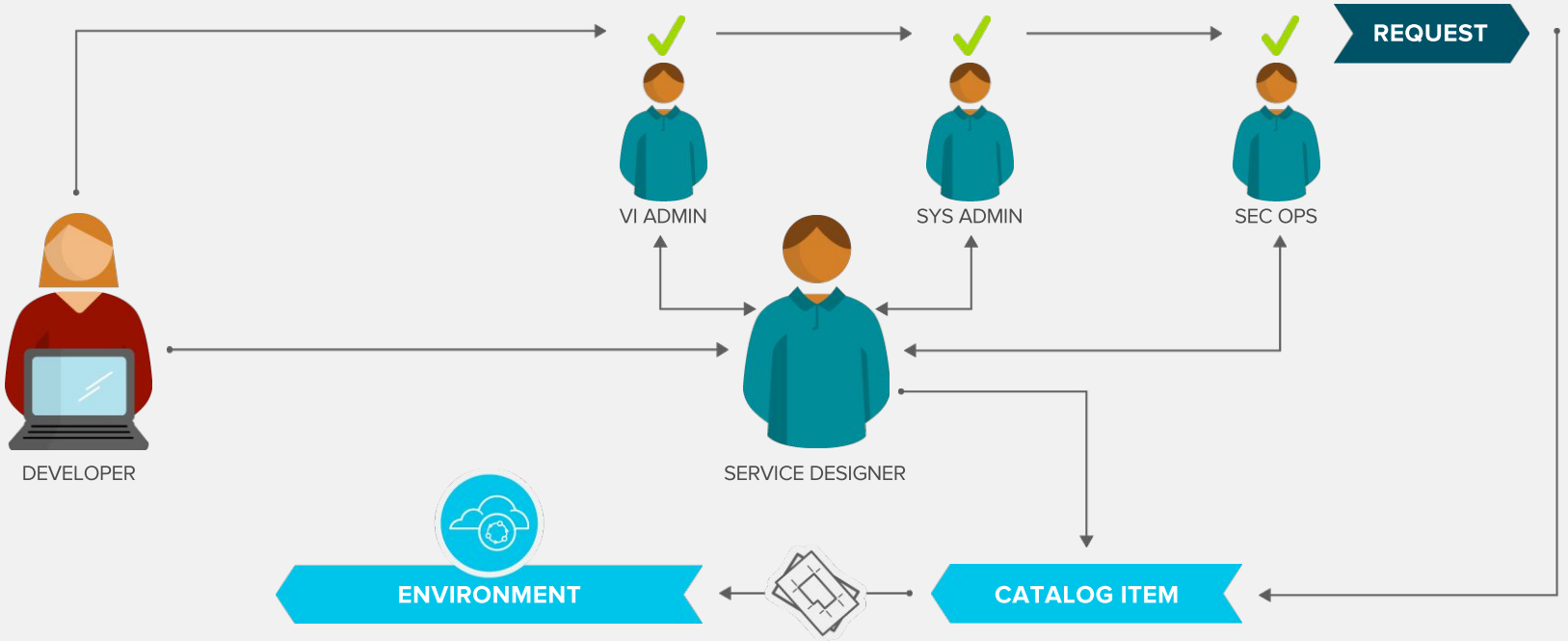
redhat.

ACCELERATE DELIVERY

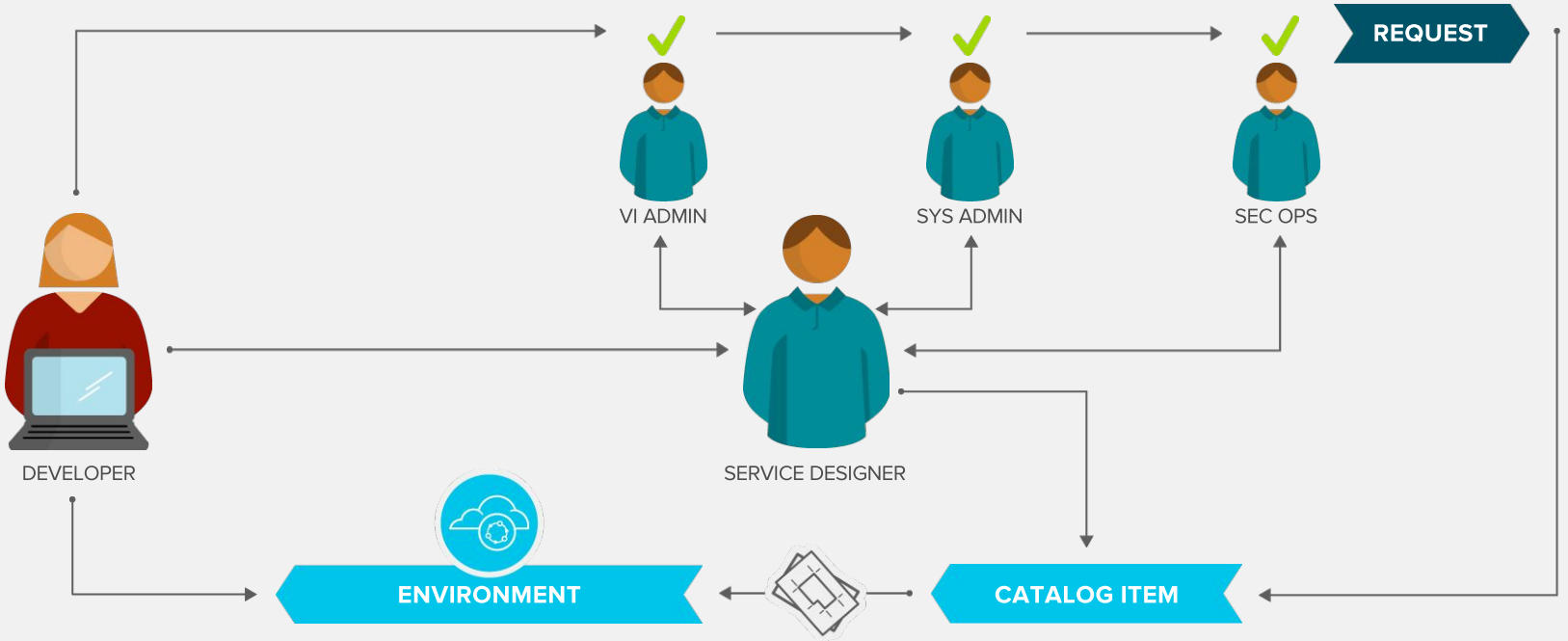


redhat.

ACCELERATE DELIVERY

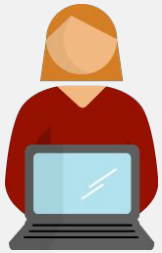


ACCELERATE DELIVERY



redhat.

ACCELERATED DELIVERY

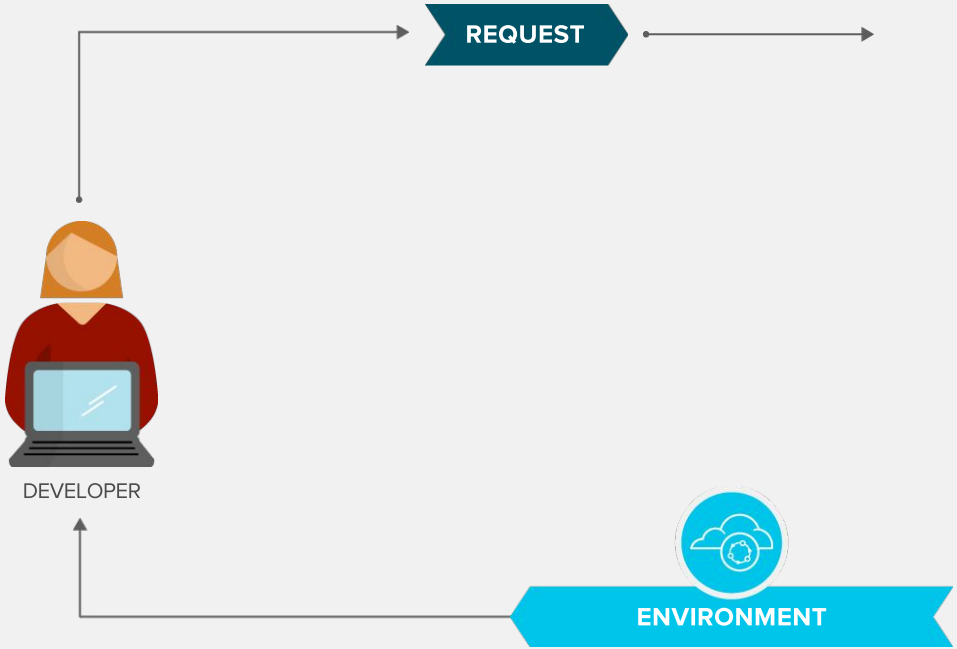


DEVELOPER

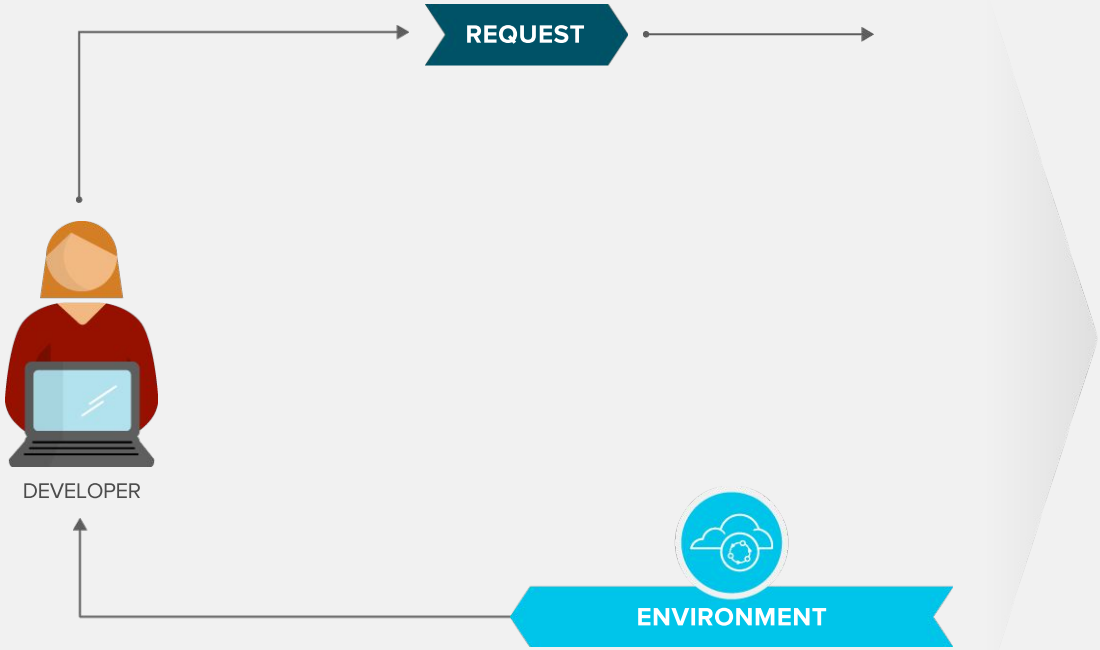
redhat.

ACCELERATED DELIVERY

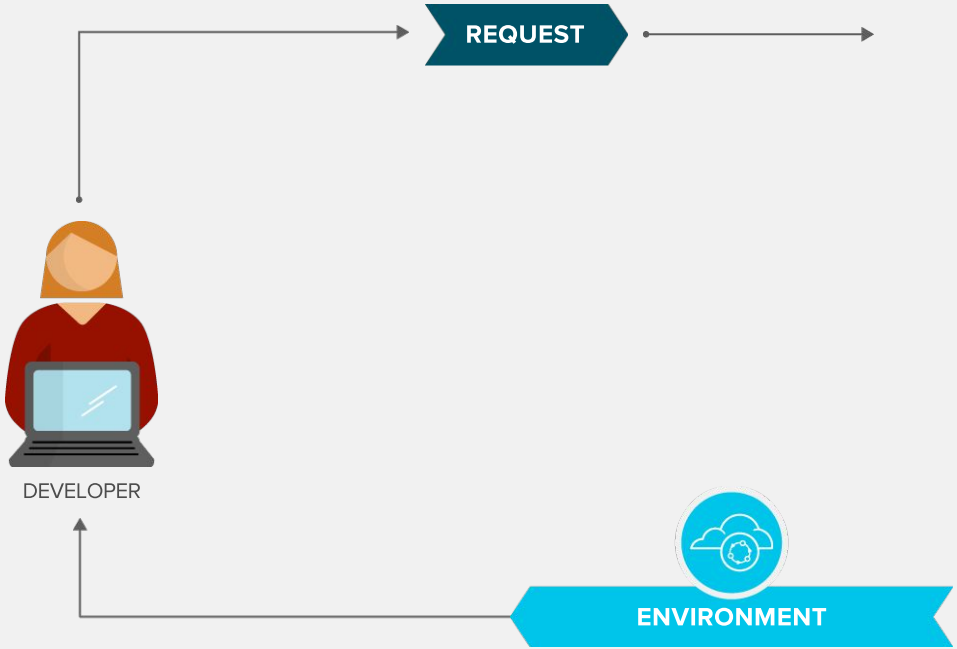
ACCELERATED DELIVERY



ACCELERATED DELIVERY

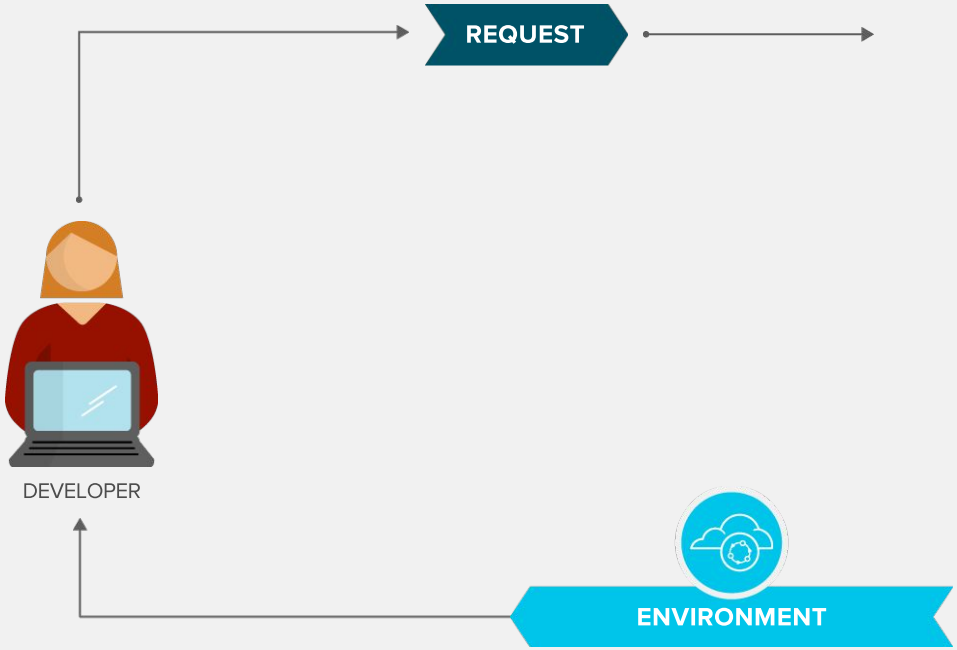


ACCELERATED DELIVERY



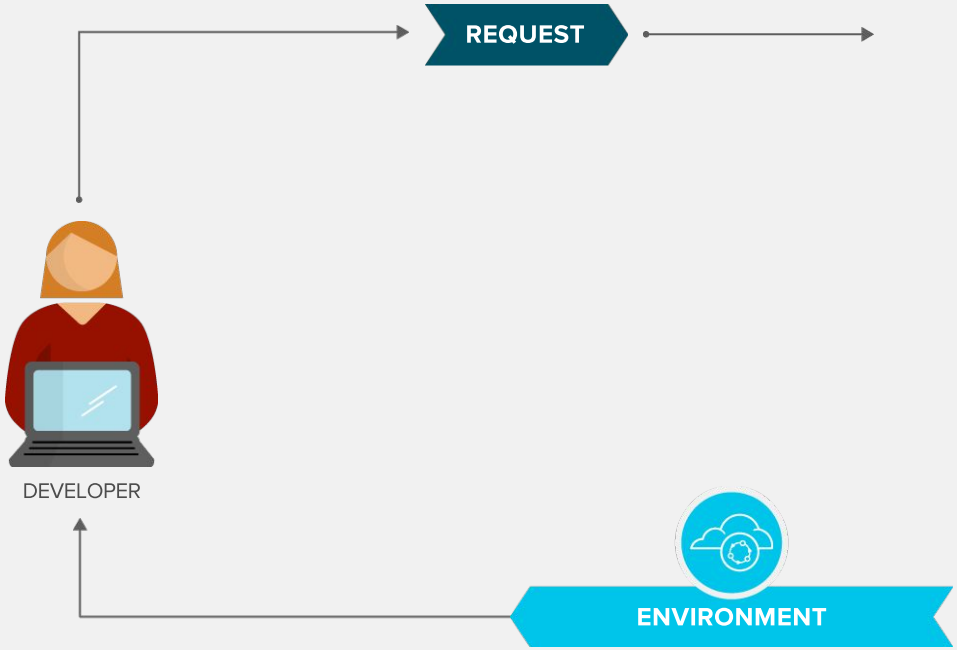
TASK	TIME (MINS)
Create virtual machine	2
Add storage and networking	3
Queue between teams	120
Install operating system	2
Wait after install	60
Configure operating system	1
Install application platforms	2
Configure application platforms	1
Queue between teams	120
Security configuration and scan	2
ACTIVE WORK TIME	**13 minutes**
TOTAL TIME	**313 minutes**

ACCELERATED DELIVERY



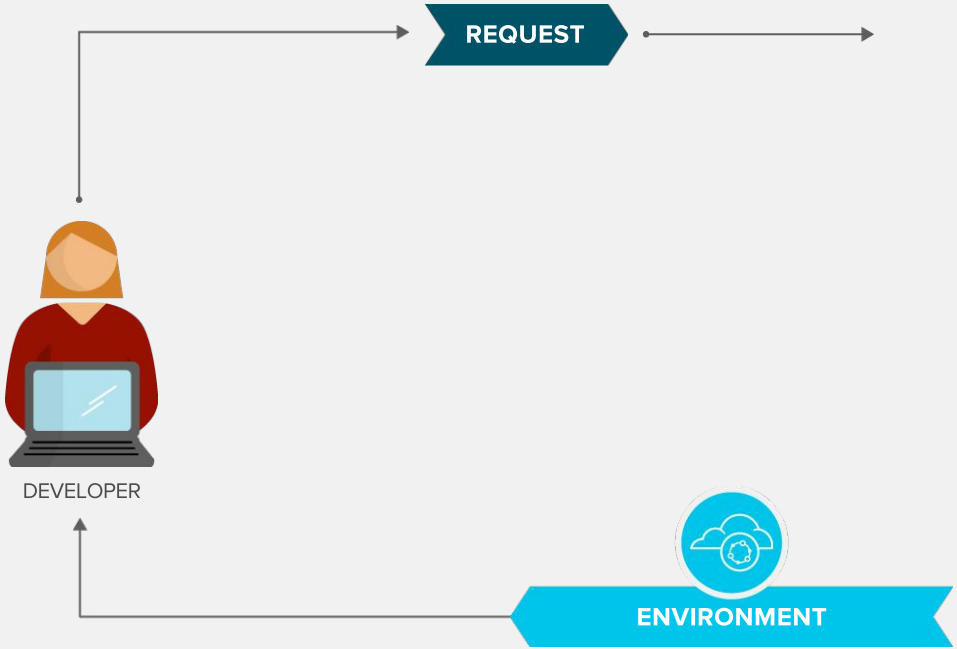
TASK	TIME (MINS)
Create virtual machine	2
Add storage and networking	3
~~Queue between teams~~	~~120~~
Install operating system	2
Wait after install	60
Configure operating system	1
Install application platforms	2
Configure application platforms	1
Queue between teams	120
Security configuration and scan	2
ACTIVE WORK TIME	**13 minutes**
TOTAL TIME	**180 mins**

ACCELERATED DELIVERY



TASK	TIME (MINS)
Create virtual machine	2
Add storage and networking	3
~~Queue between teams~~	~~120~~
Install operating system	2
~~Wait after install~~	~~60~~
Configure operating system	1
Install application platforms	2
Configure application platforms	1
Queue between teams	120
Security configuration and scan	2
ACTIVE WORK TIME	**13 minutes**
TOTAL TIME	**120 minutes**

ACCELERATED DELIVERY



TASK	TIME (MINS)
Create virtual machine	2
Add storage and networking	3
~~Queue between teams~~	~~120~~
Install operating system	2
~~Wait after install~~	~~60~~
Configure operating system	1
Install application platforms	2
Configure application platforms	1
~~Queue between teams~~	~~120~~
Security configuration and scan	2
ACTIVE WORK TIME	**13 minutes**
TOTAL TIME	**13 minutes**

redhat.

ACCELERATE SERVICE DELIVERY

What it does: Demonstrates defining a multi-tier application in a self-service catalog (CloudForms) that deploys across Red Hat Enterprise Virtualization and vSphere using content and configuration obtained from Satellite. Available in Red Hat Product Demo System (RHPDS).

Why it's technically differentiated: The combination of CloudForms and Satellite allow for a single definition of the complex application to be deployed across multiple providers. This lowers complexity by allowing a single Red Hat Enterprise Linux image to be customized on deployment time.

(Demonstration available)

SPECIFIC CLOUD USE CASES

Optimize the IT you have

Add and manage cloud infrastructure

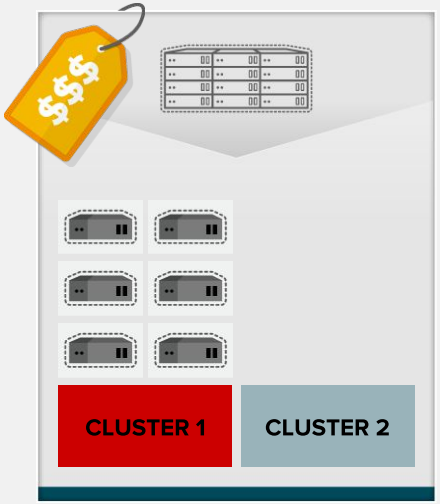
Build more modern applications

- Accelerate Service Delivery
- Add self-service capabilities
- Migrate virtualized infrastructure
- Migrate legacy applications to cloud-like infrastructure
- Storage migrate to SDS

- Build a private cloud
- Develop, deploy and manage new container-based applications
- Deliver massively-scalable infrastructure
- Align workloads to right cloud environment
- Manage hybrid cloud or multi-cloud environments

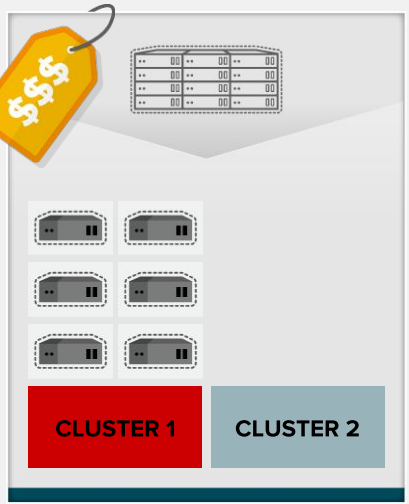
redhat.

OPTIMIZE I.T.



OPTIMIZE I.T.

VI ADMIN



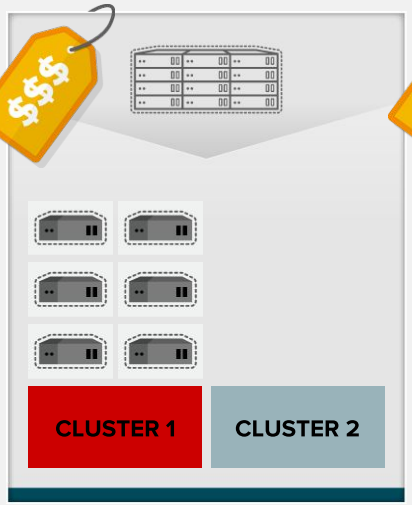
“My workloads are running poorly because cluster 1 is running hot.”

“I would like to move workloads to my less expensive private cloud infrastructure.”

redhat.

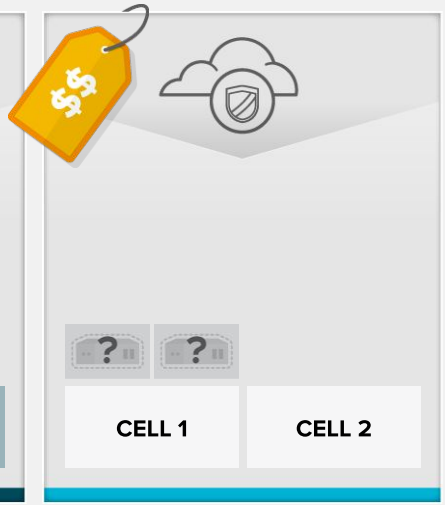
OPTIMIZE I.T.

VI ADMIN



“My workloads are running poorly because cluster 1 is running hot.”

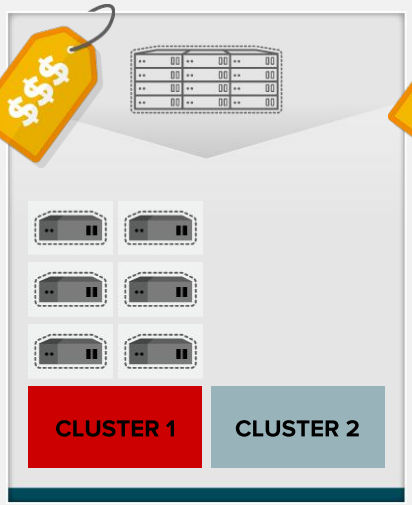
“I would like to move workloads to my less expensive private cloud infrastructure.”



“My private cloud is not yet certified to run workloads with Personally Identifiable Information on them.”

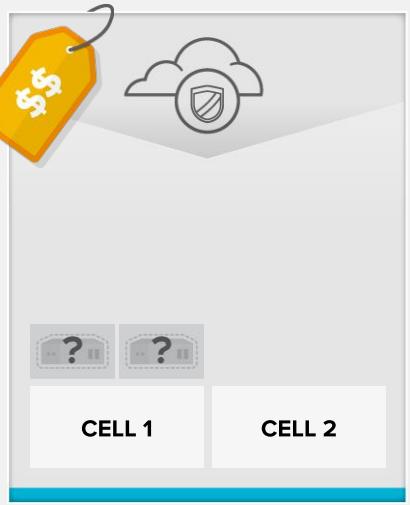
OPTIMIZE I.T.

VI ADMIN



“My workloads are running poorly because cluster 1 is running hot.”

“I would like to move workloads to my less expensive private cloud infrastructure.”

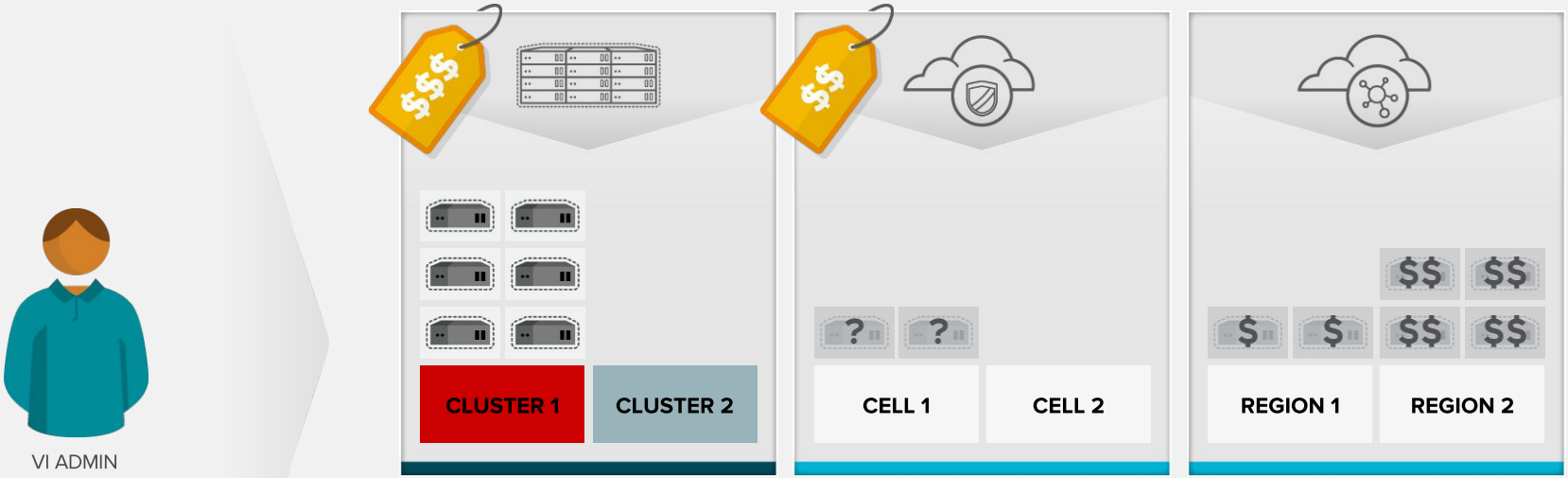


“My private cloud is not yet certified to run workloads with Personally Identifiable Information on them.”

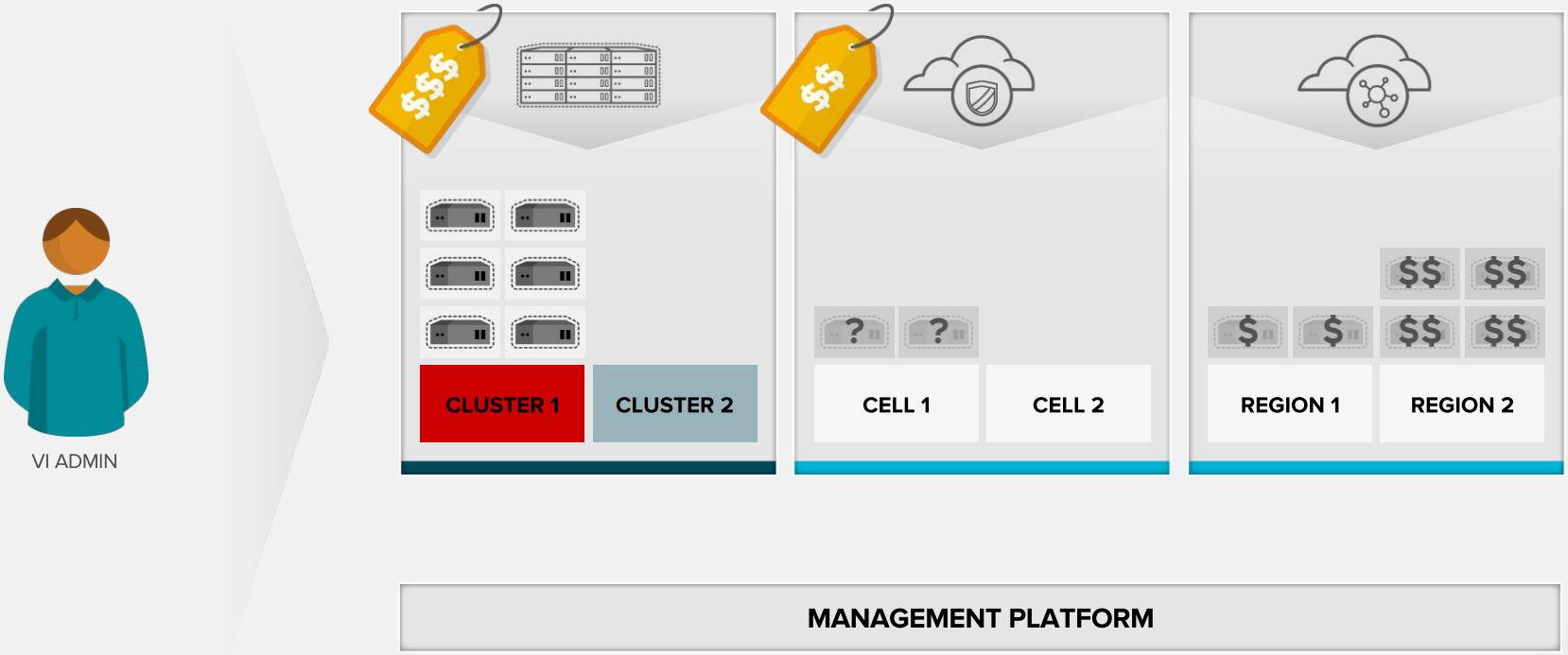
“I need to place workloads on regions based on cost and proximity to my users.”

redhat.

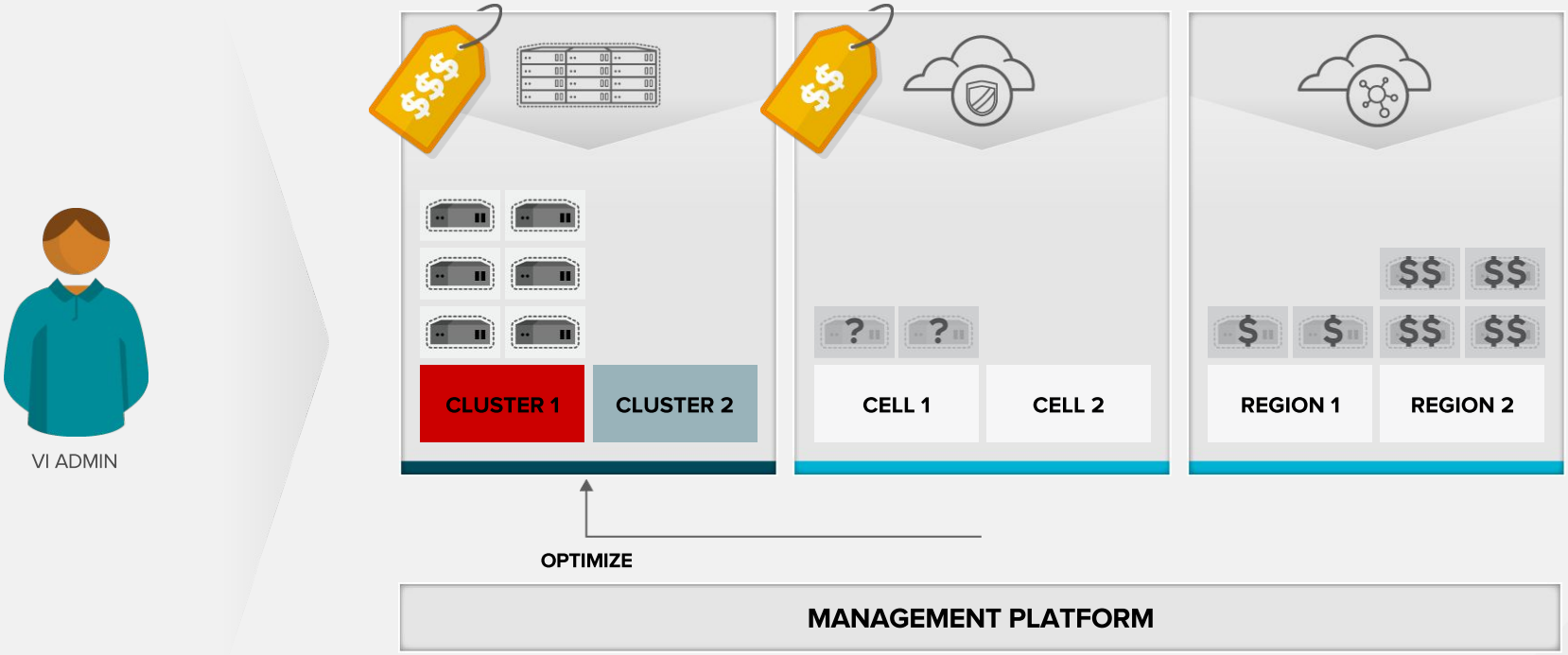
OPTIMIZED I.T.



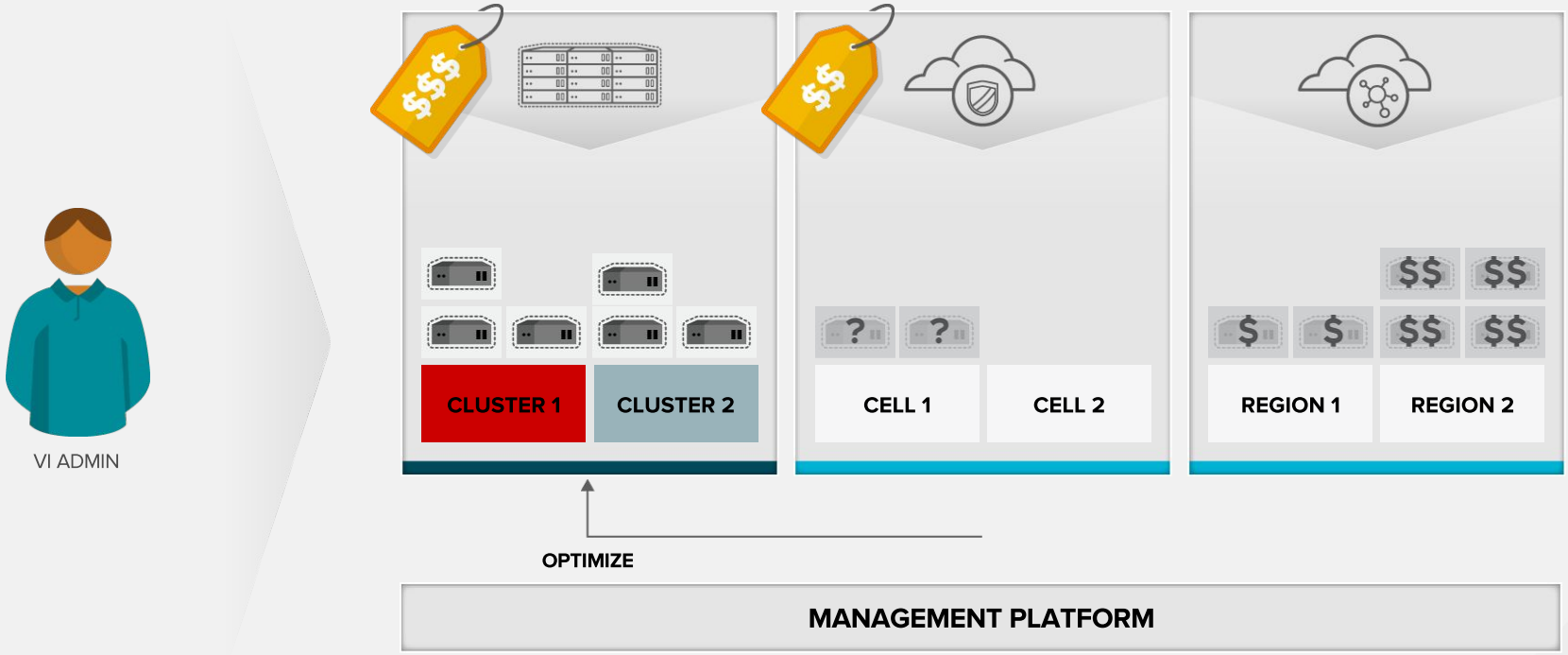
OPTIMIZED I.T.



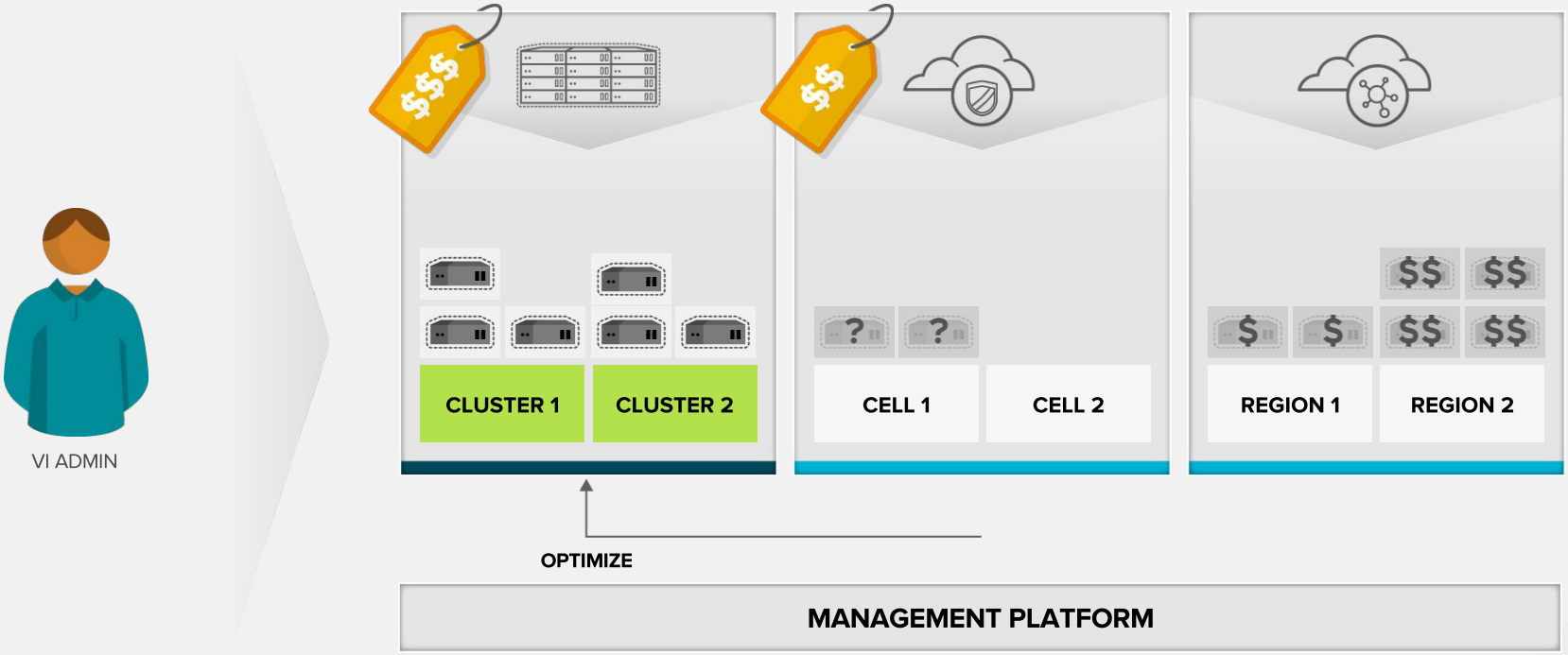
OPTIMIZED I.T.



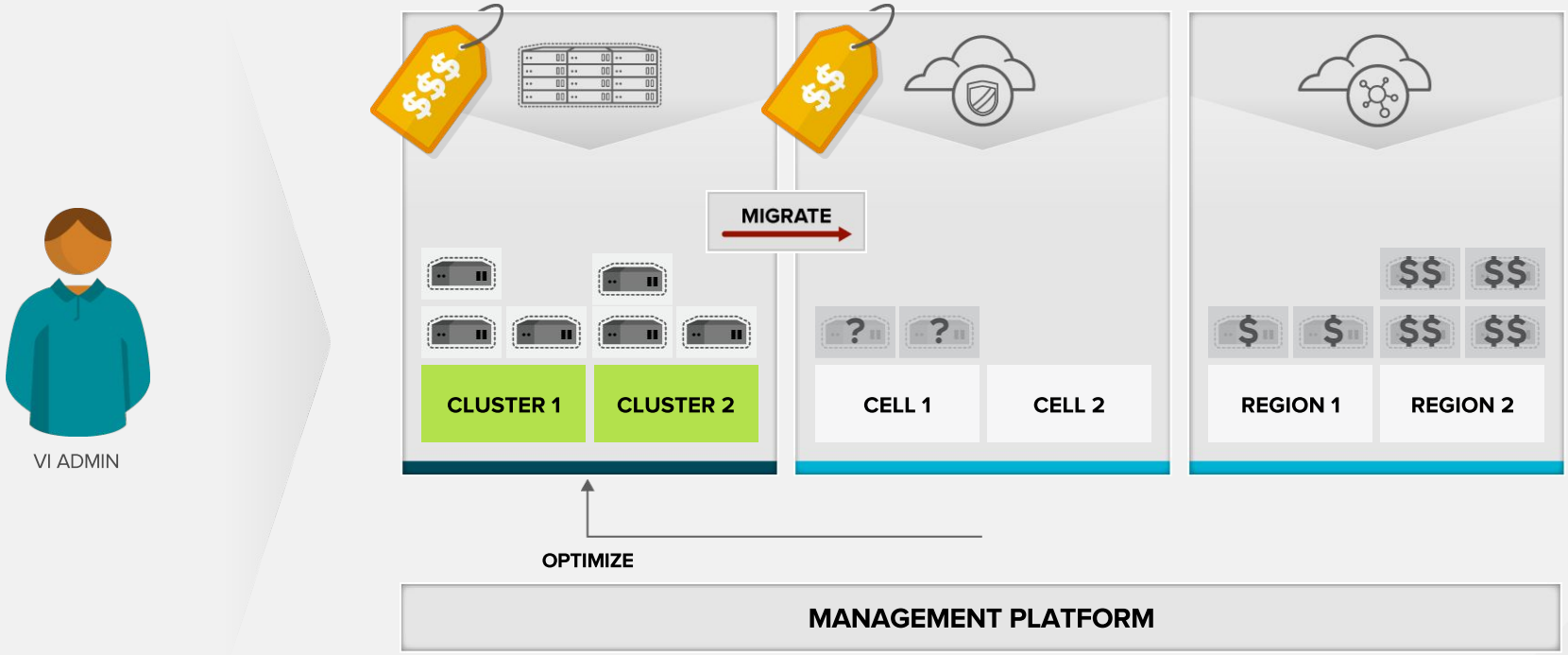
OPTIMIZED I.T.



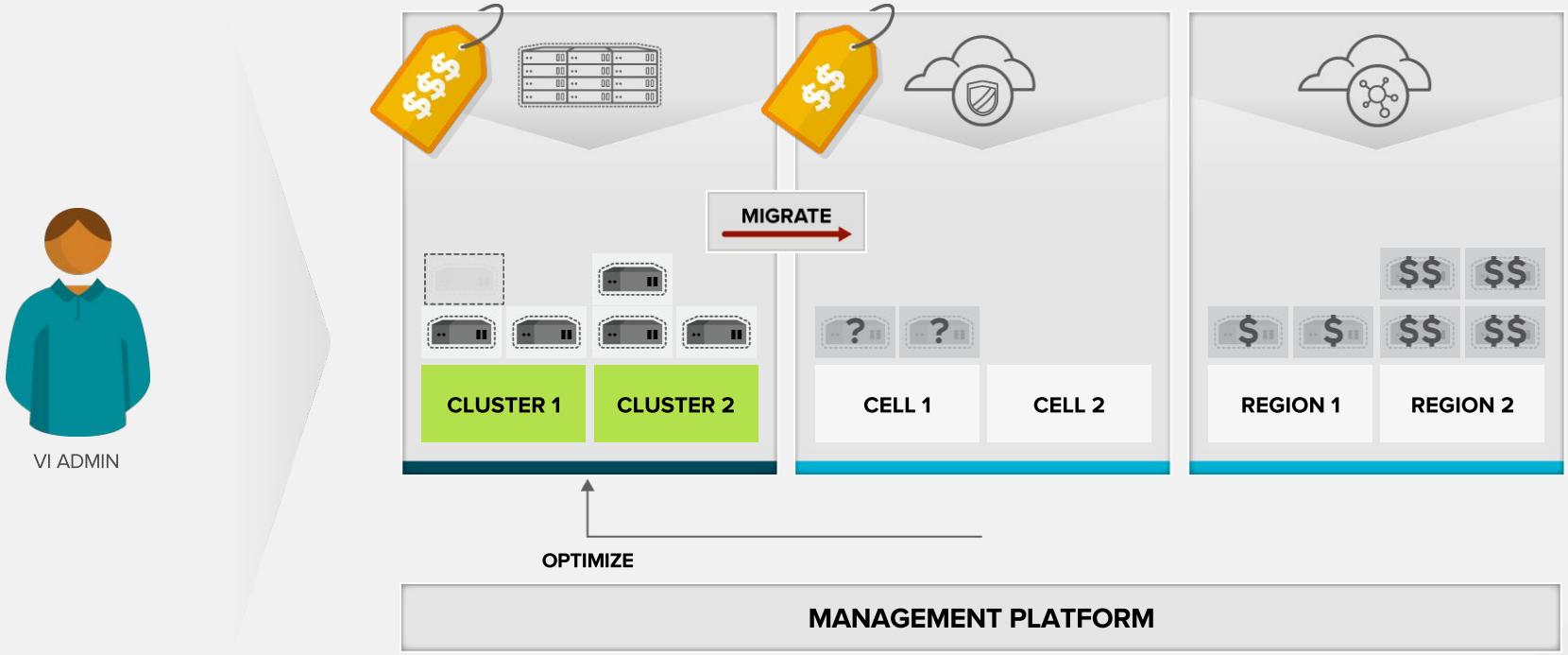
OPTIMIZED I.T.



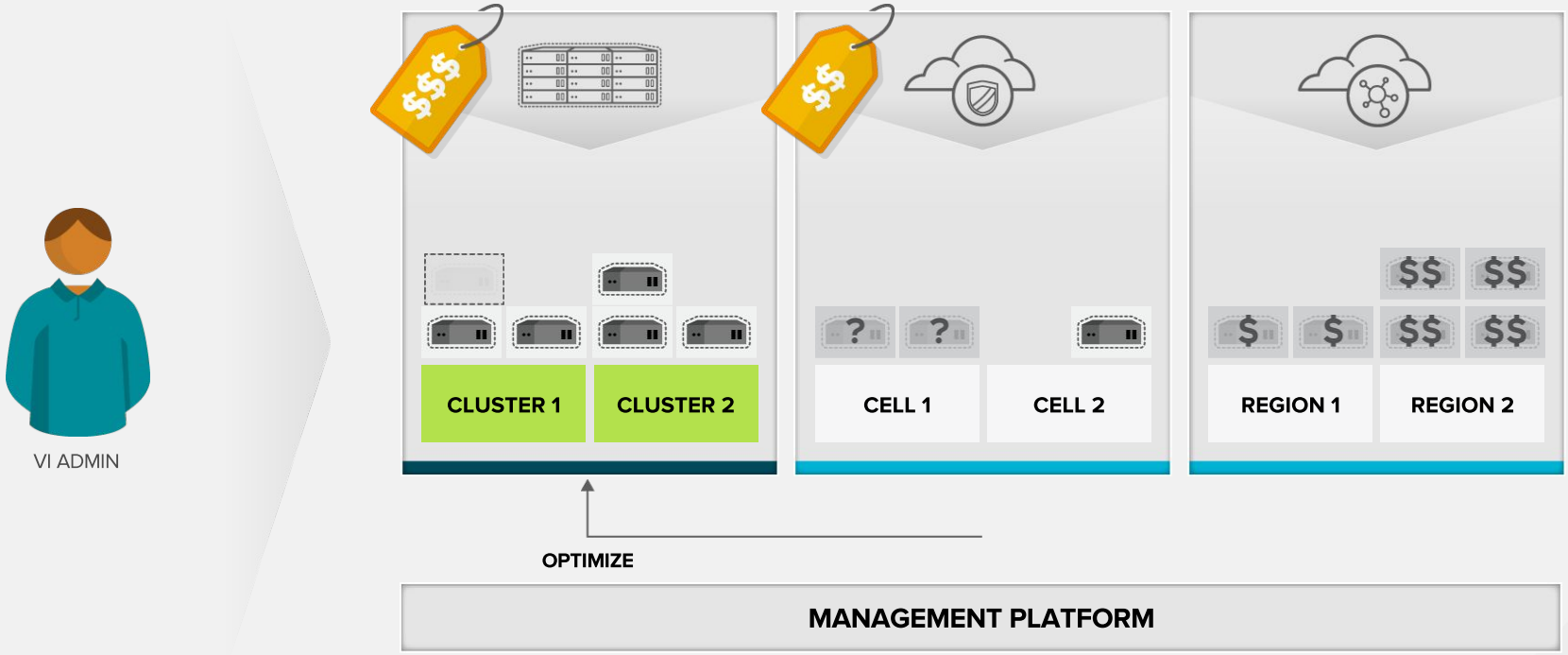
OPTIMIZED I.T.



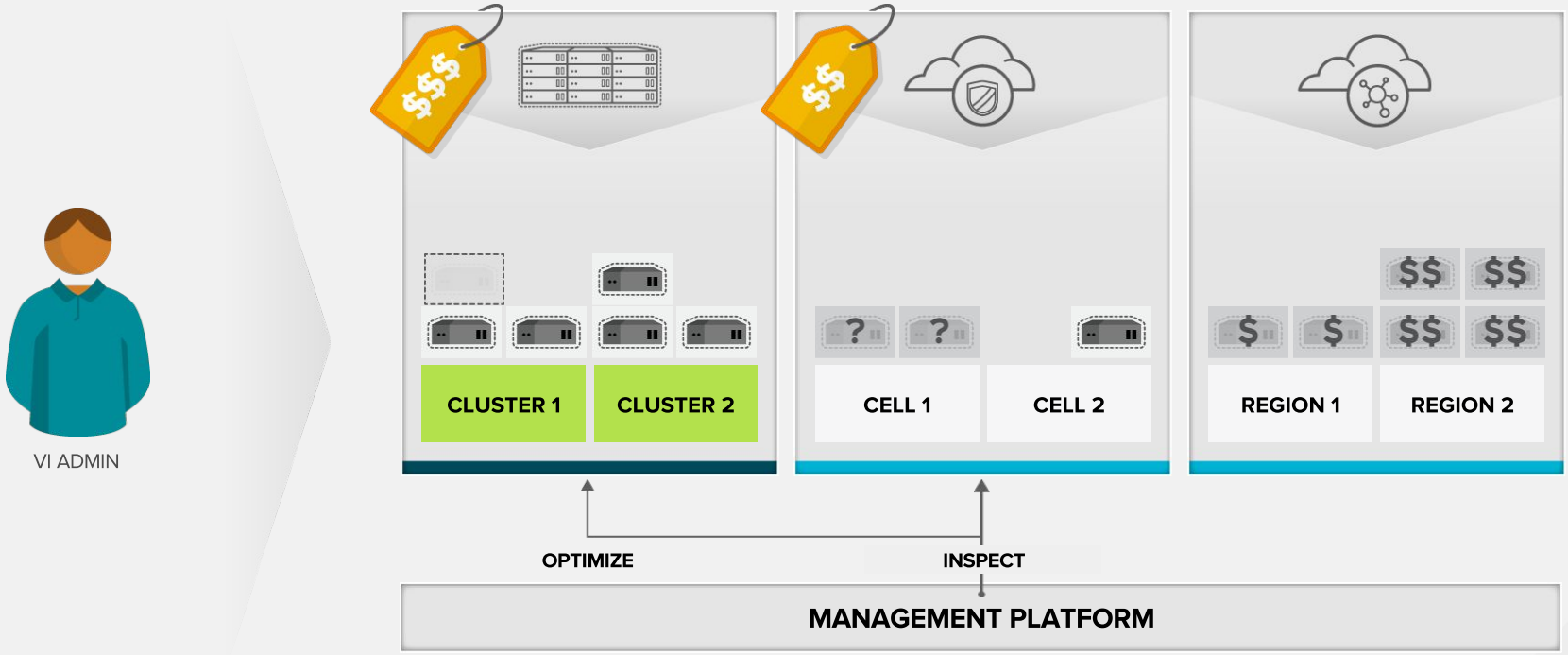
OPTIMIZED I.T.



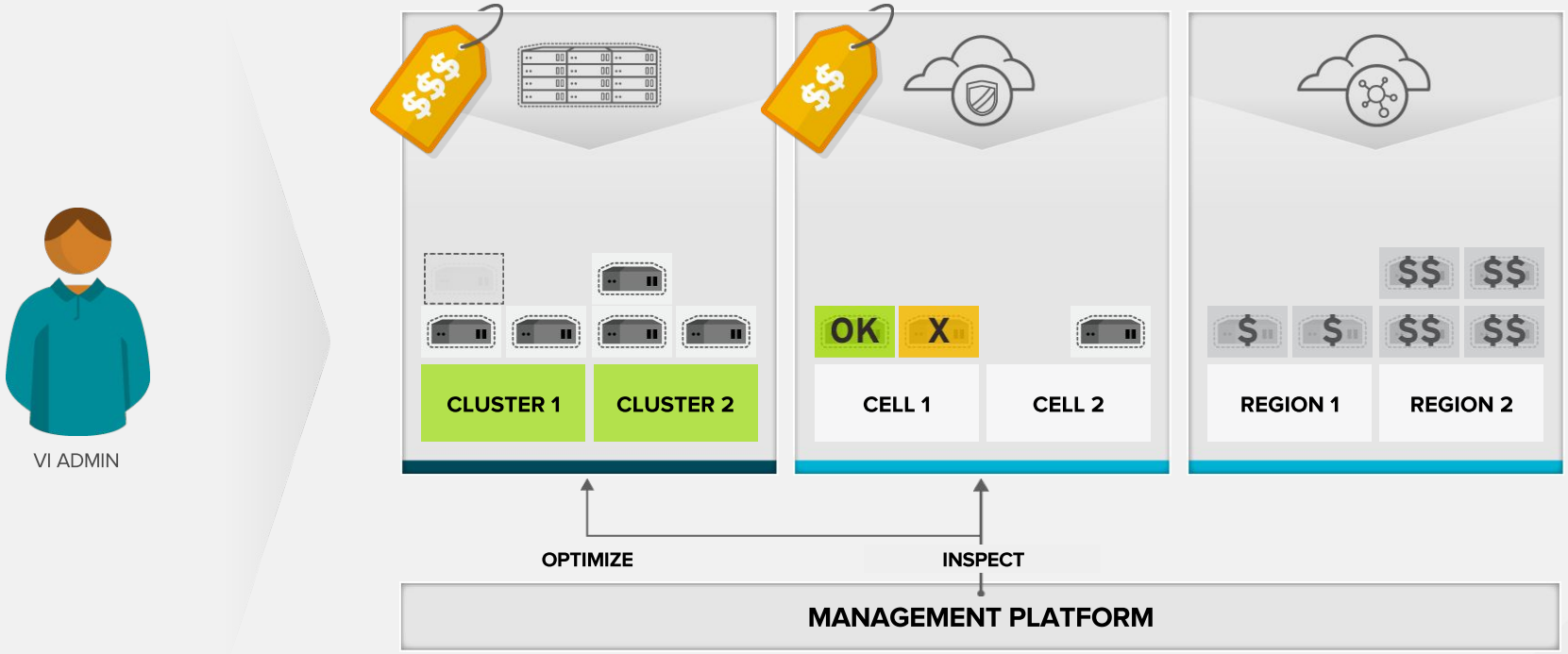
OPTIMIZED I.T.



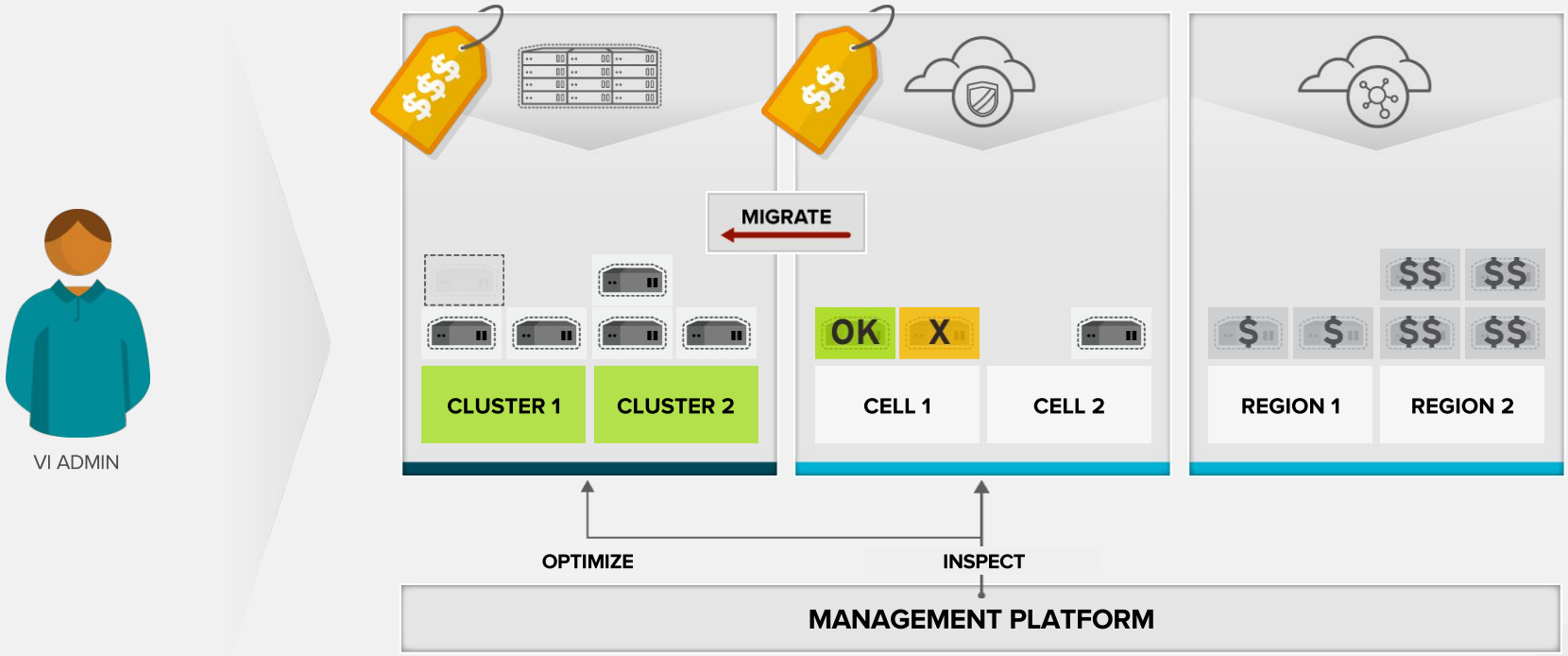
OPTIMIZED I.T.



OPTIMIZED I.T.

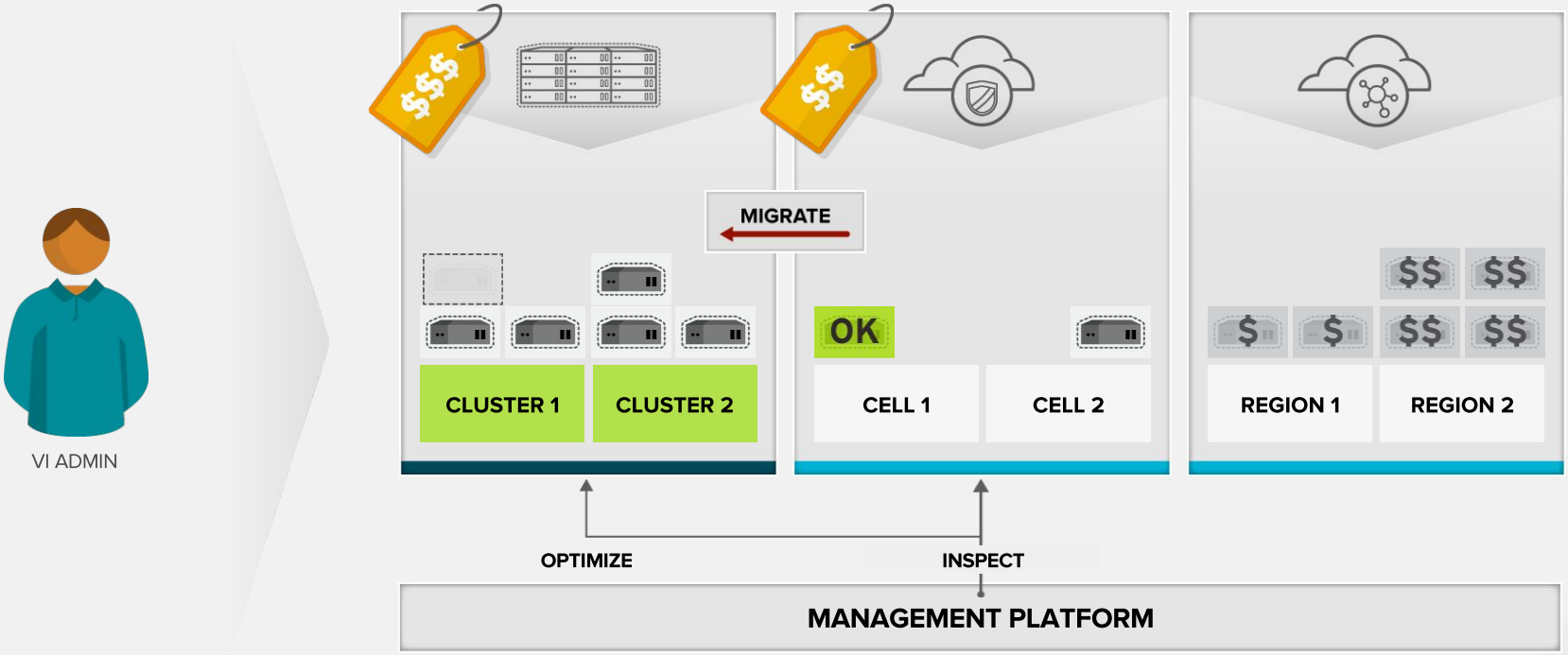


OPTIMIZED I.T.



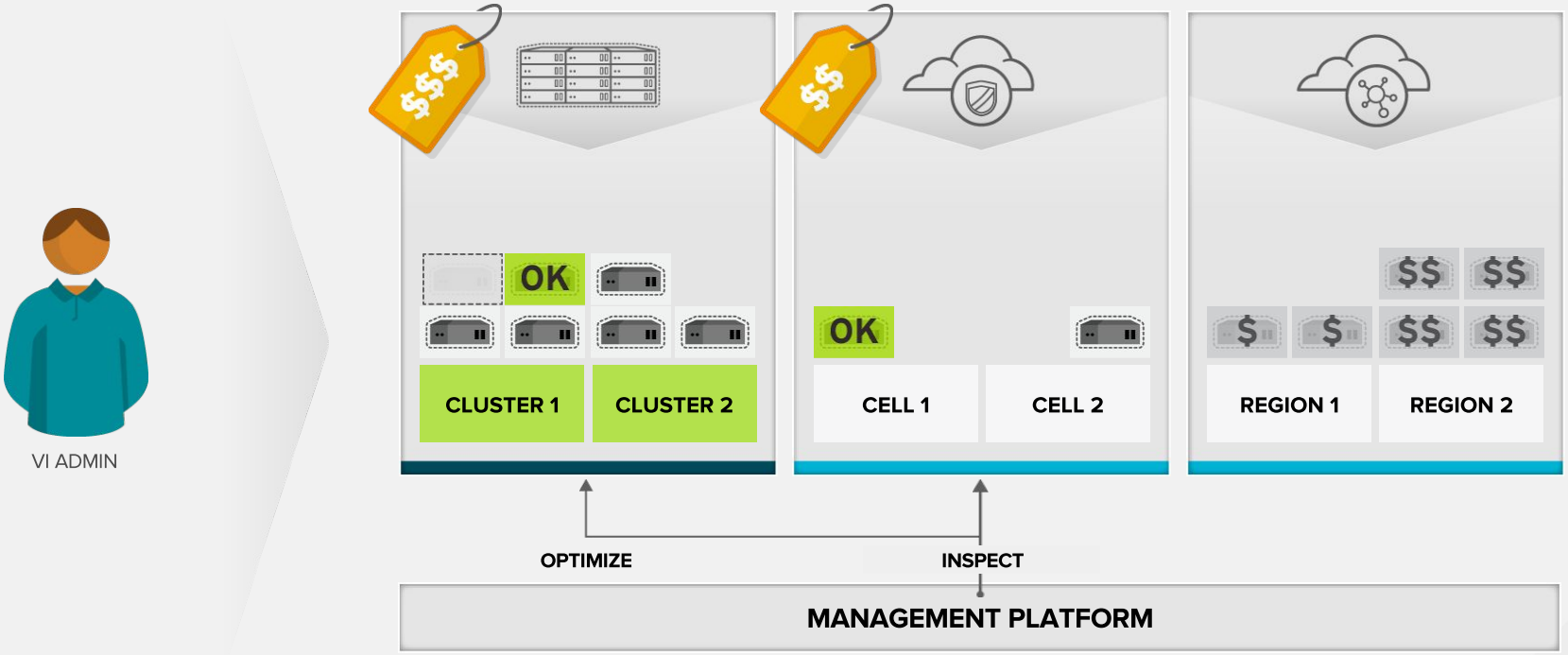
redhat.

OPTIMIZED I.T.



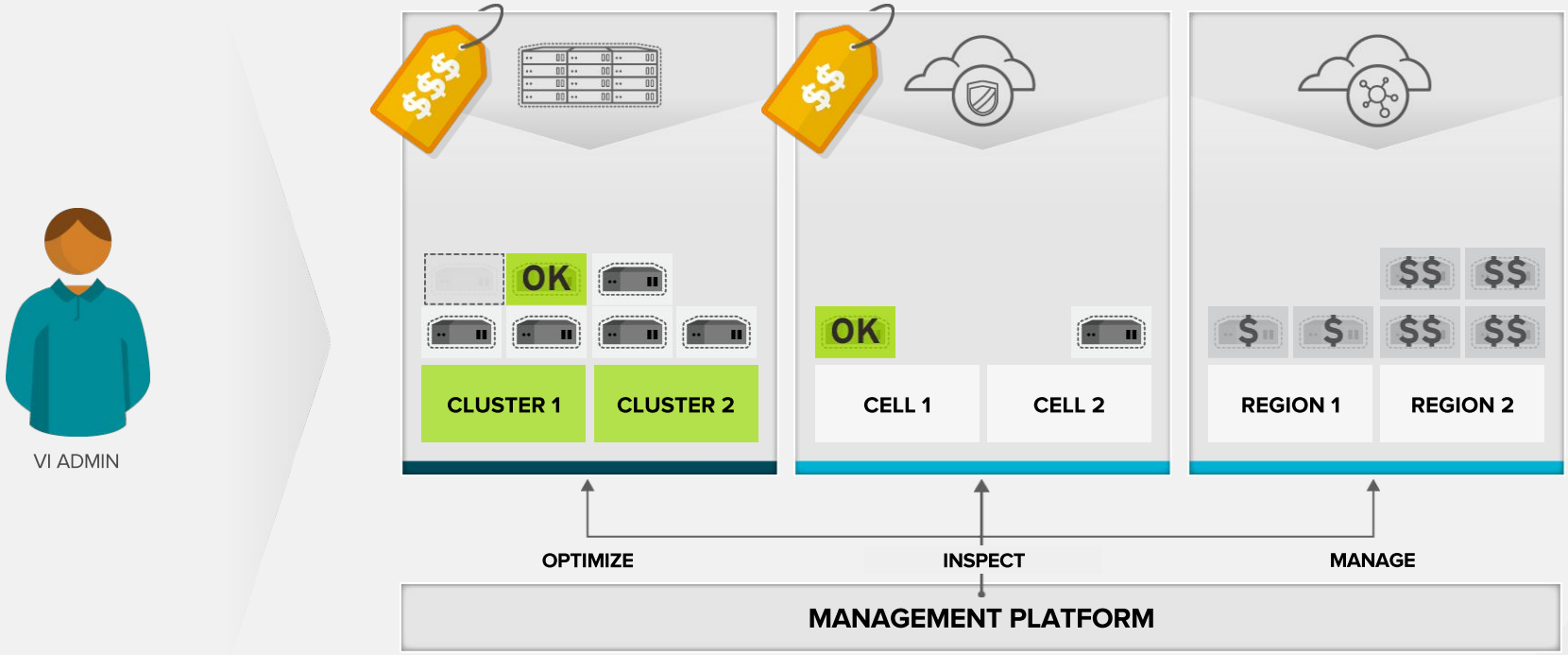
redhat.

OPTIMIZED I.T.

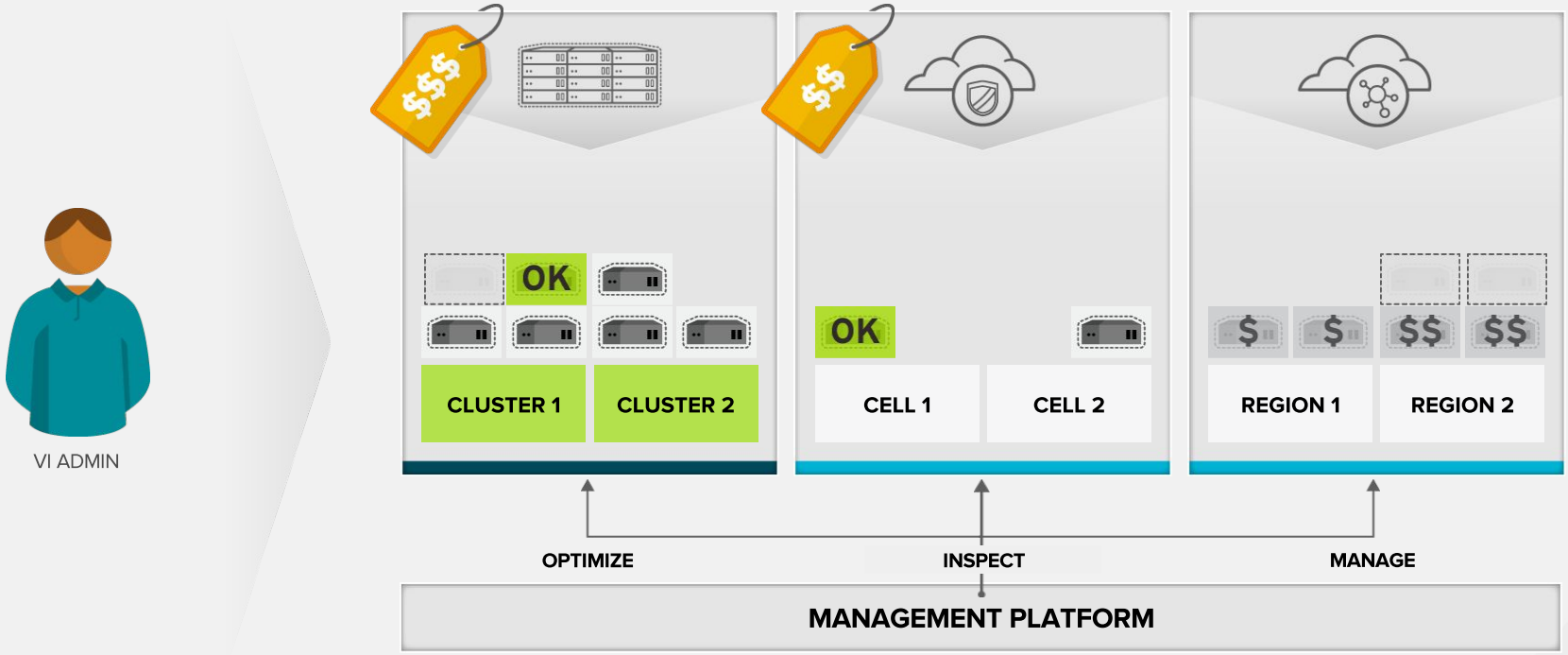


redhat.

OPTIMIZED I.T.

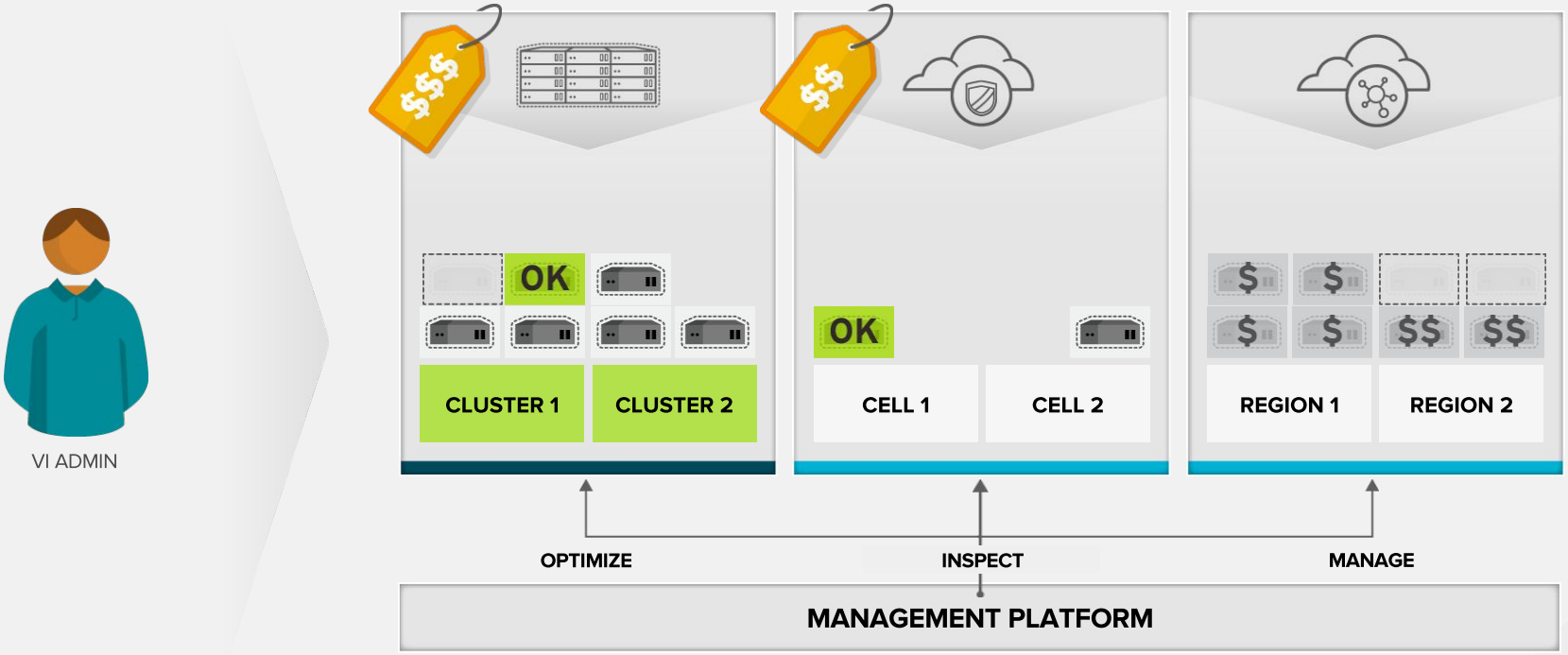


OPTIMIZED I.T.

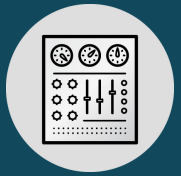


redhat.

OPTIMIZED I.T.



redhat.



OPTIMIZE IT (DEMO)

What it does: Demonstrates automated migration of a complex application from Red Hat Enterprise Virtualization and vSphere to Red Hat Enterprise Virtualization and OpenStack using CloudForms and virt-v2v. Available in Red Hat Product Demo System (RHPDS).

Why it's technically differentiated: The combination of the state machine to provide automation with the virt-v2v tooling included with Red Hat Enterprise Virtualization and Red Hat Enterprise Linux OpenStack Platform allow for automated VM migration. This is a feature that most other infrastructure-only providers lack and full stack vendors fail to demonstrate.

(Demonstration available)

SPECIFIC CLOUD USE CASES

Optimize the IT you have

- Accelerate Service Delivery
- Add self-service capabilities
- Migrate virtualized infrastructure
- Migrate legacy applications to cloud-like infrastructure
- Storage migrate to SDS

Add and manage cloud infrastructure

- Build a private cloud
- Develop, deploy and manage new container-based applications
- Deliver massively-scalable infrastructure
- Align workloads to right cloud environment
- Manage hybrid cloud or multi-cloud environments

Build more modern applications

redhat.

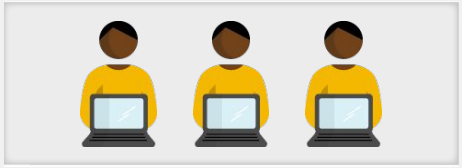
MODERNIZE DEVELOPMENT

SILOED TEAMS

redhat.

MODERNIZE DEVELOPMENT

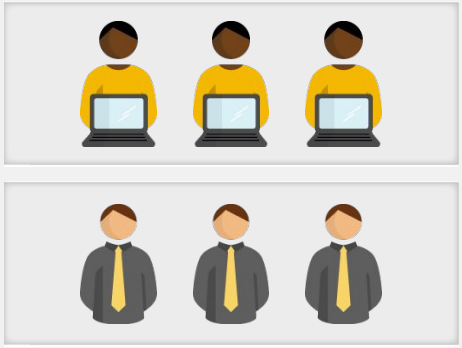
SILOED TEAMS



redhat.

MODERNIZE DEVELOPMENT

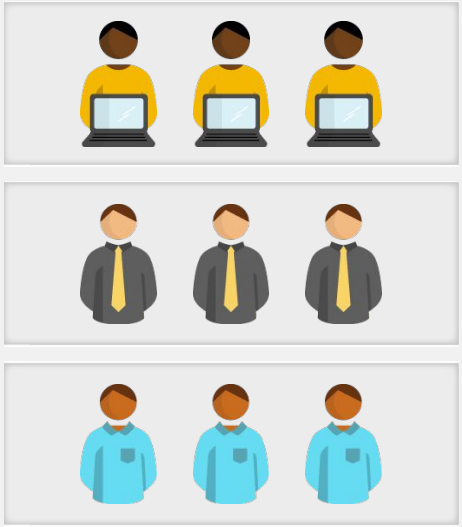
SILOED TEAMS



redhat.

MODERNIZE DEVELOPMENT

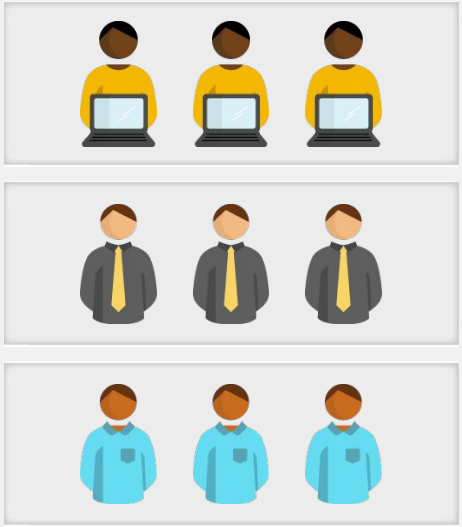
SILOED TEAMS



redhat.

MODERNIZE DEVELOPMENT

SILOED TEAMS

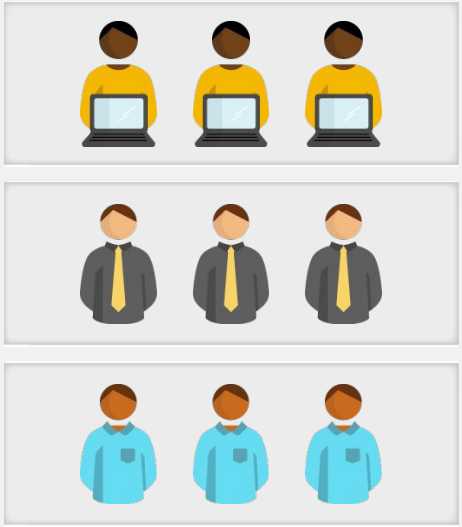


MONOLITHIC

redhat.

MODERNIZE DEVELOPMENT

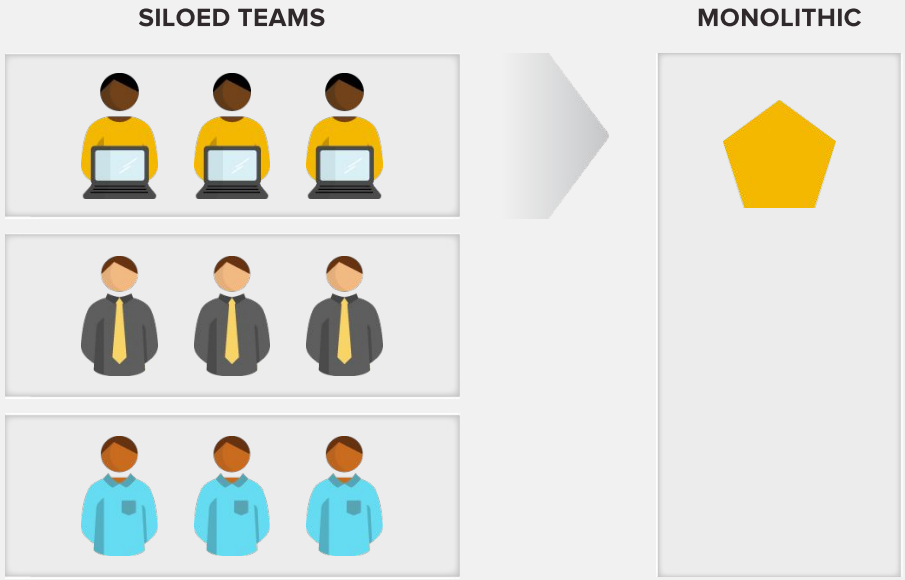
SILOED TEAMS



MONOLITHIC

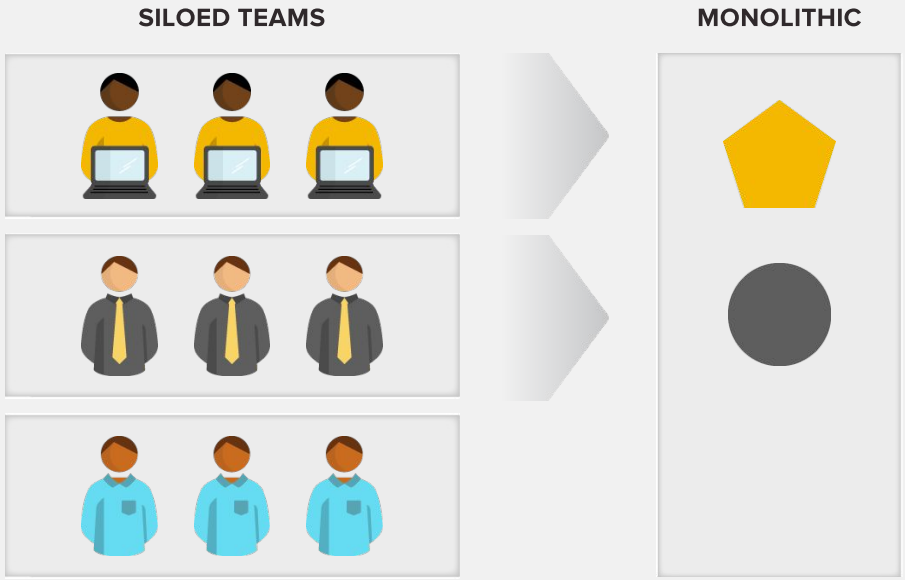
redhat.

MODERNIZE DEVELOPMENT



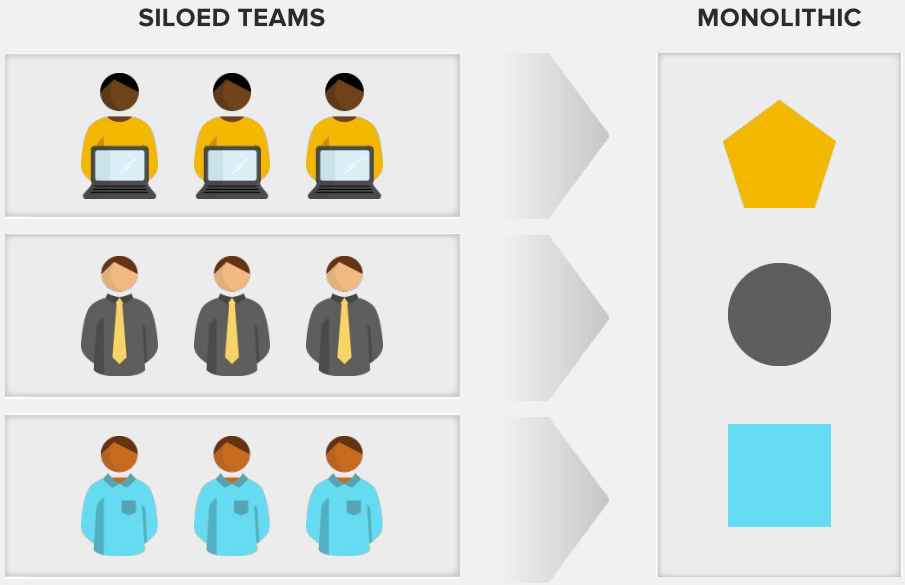
redhat.

MODERNIZE DEVELOPMENT



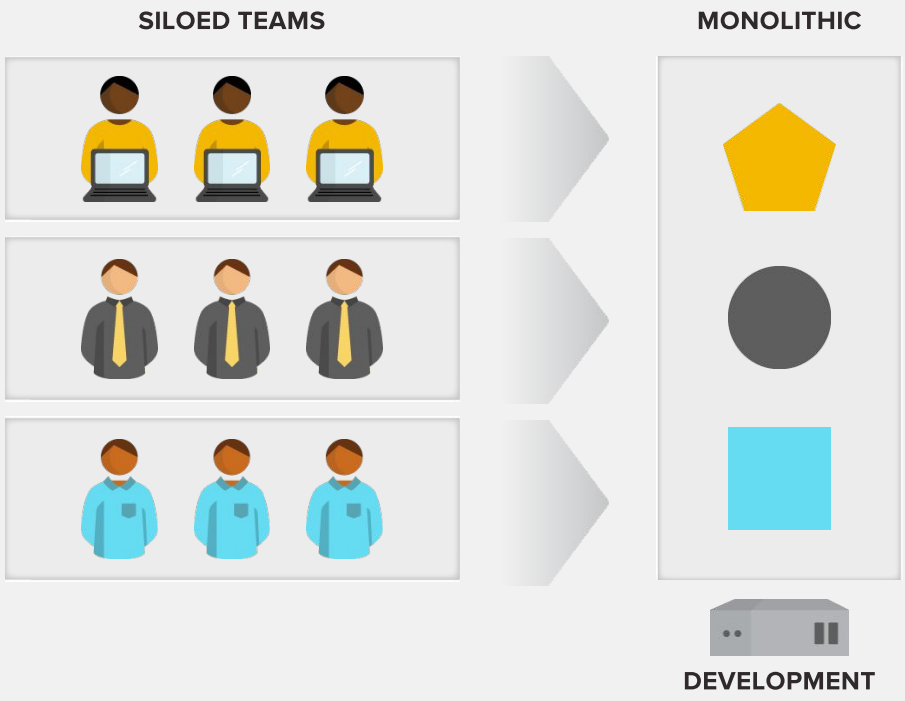
redhat.

MODERNIZE DEVELOPMENT



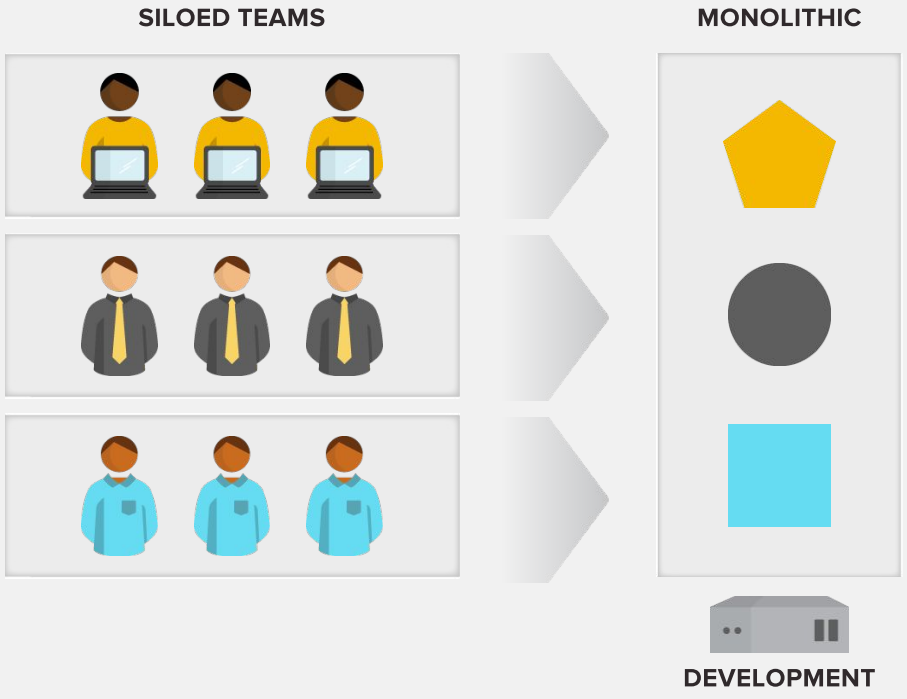
redhat.

MODERNIZE DEVELOPMENT



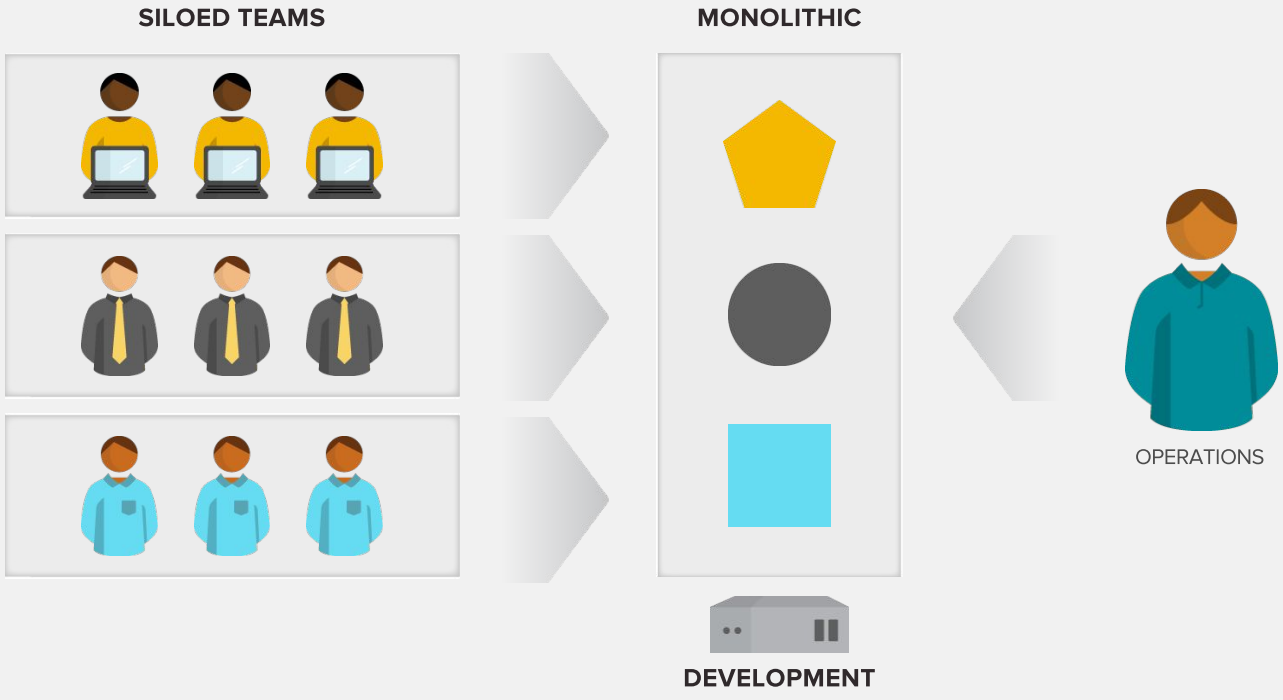
redhat.

MODERNIZE DEVELOPMENT



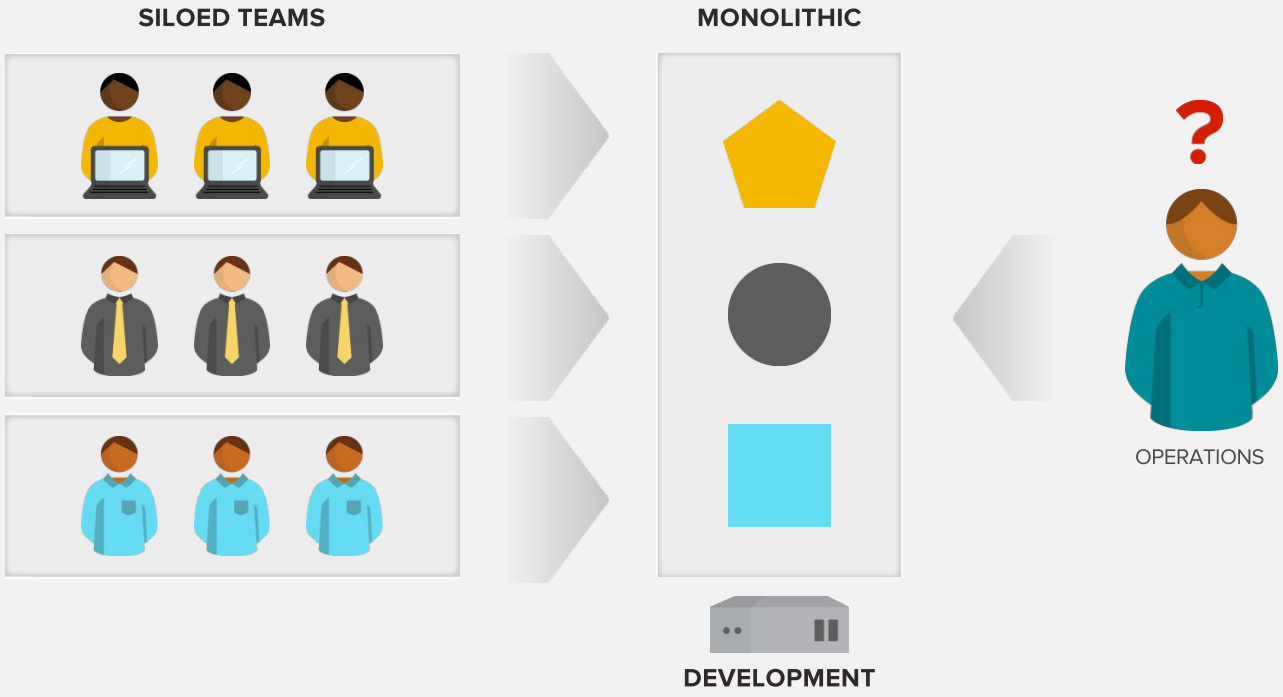
redhat.

MODERNIZE DEVELOPMENT



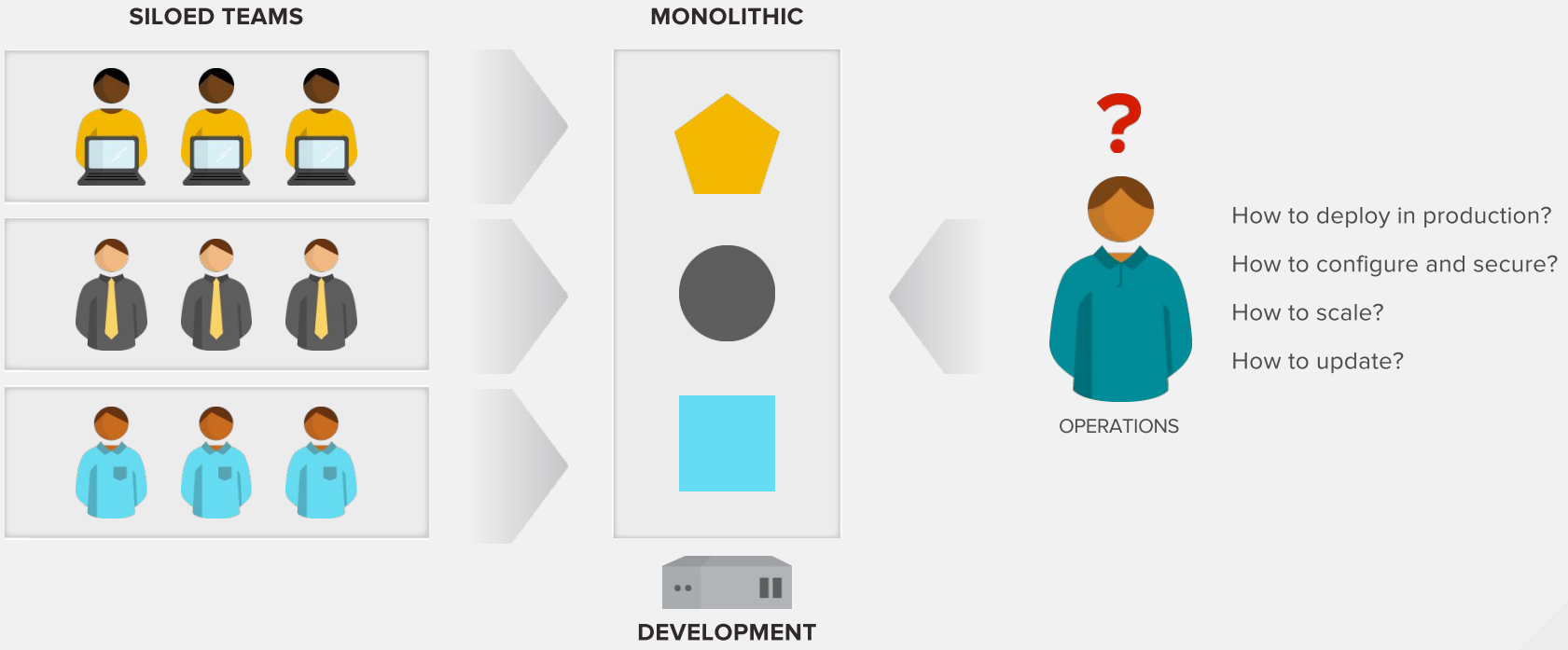
redhat.

MODERNIZE DEVELOPMENT

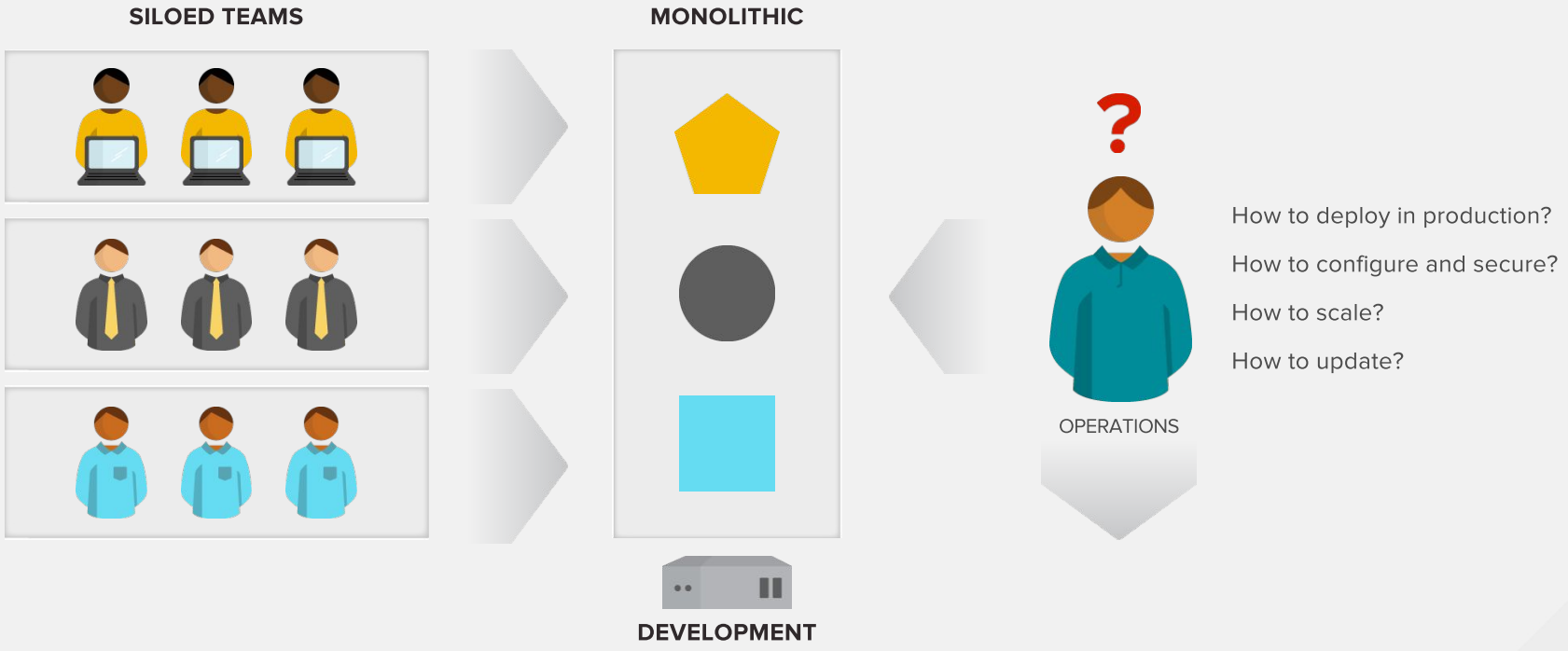


redhat.

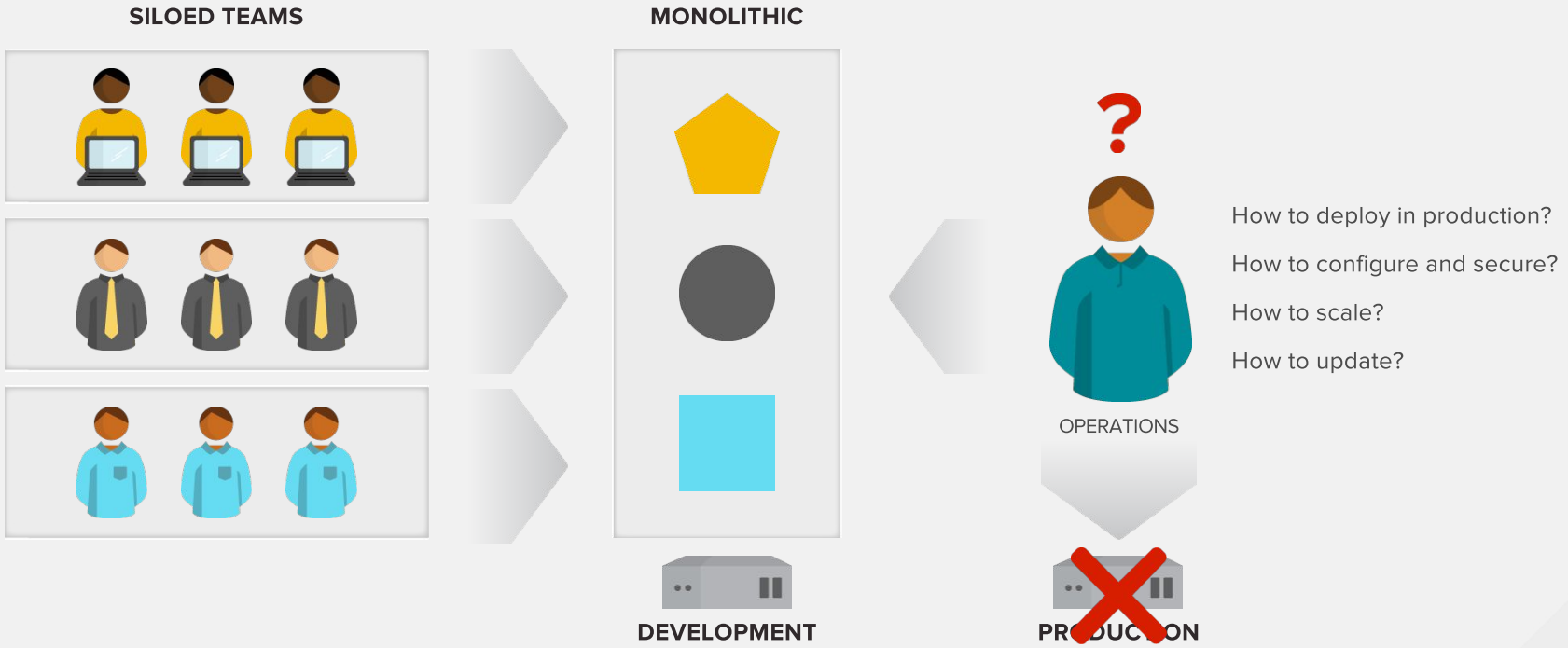
MODERNIZE DEVELOPMENT



MODERNIZE DEVELOPMENT



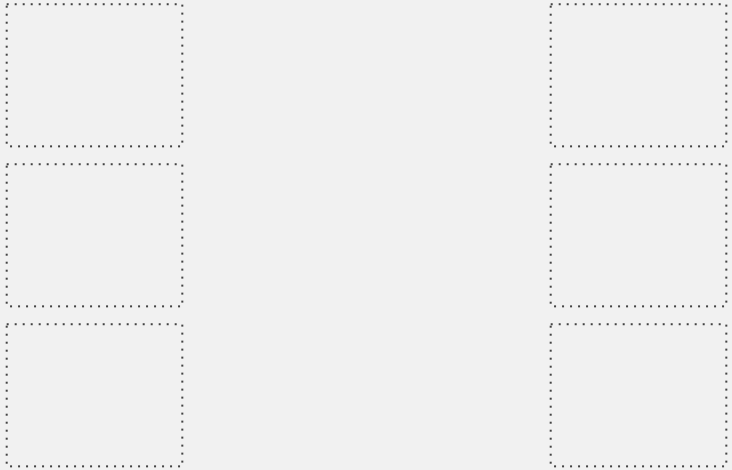
MODERNIZE DEVELOPMENT



redhat.

MODERNIZED DEVELOPMENT

DEVELOPMENT



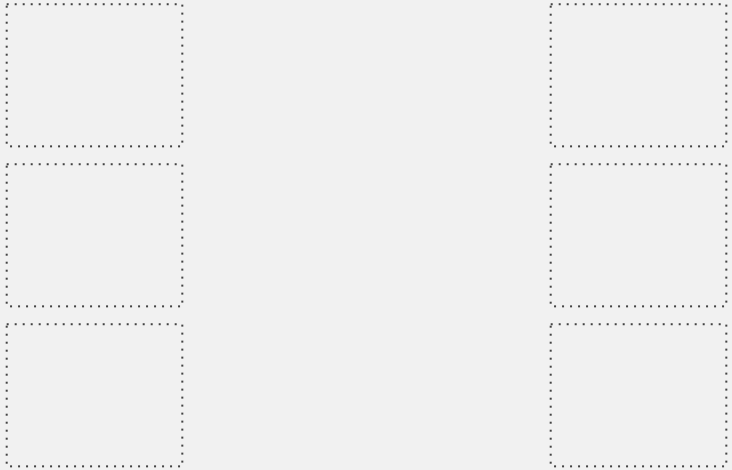
MANAGE & MONITOR

OPERATIONS

redhat.

MODERNIZED DEVELOPMENT

CROSS FUNCTIONAL TEAMS



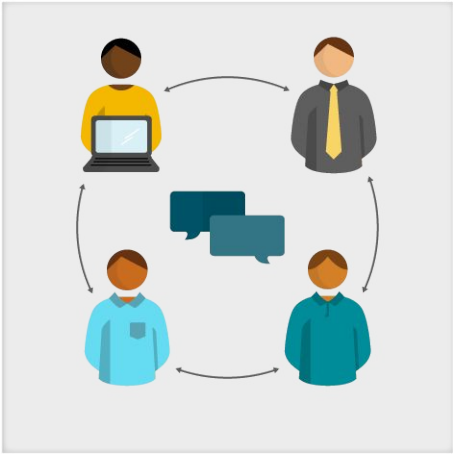
MANAGE & MONITOR

OPERATIONS

redhat.

MODERNIZED DEVELOPMENT

CROSS FUNCTIONAL TEAMS



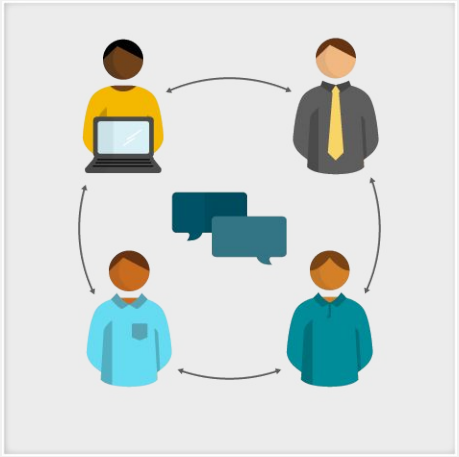
MANAGE & MONITOR

OPERATIONS

redhat.

MODERNIZED DEVELOPMENT

CROSS FUNCTIONAL TEAMS



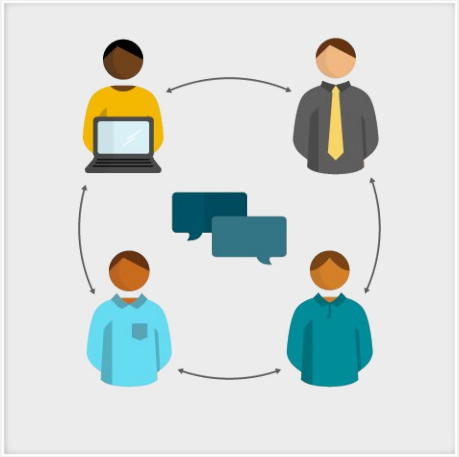
MANAGE & MONITOR

OPERATIONS

redhat.

MODERNIZED DEVELOPMENT

CROSS FUNCTIONAL TEAMS



MANAGE & MONITOR

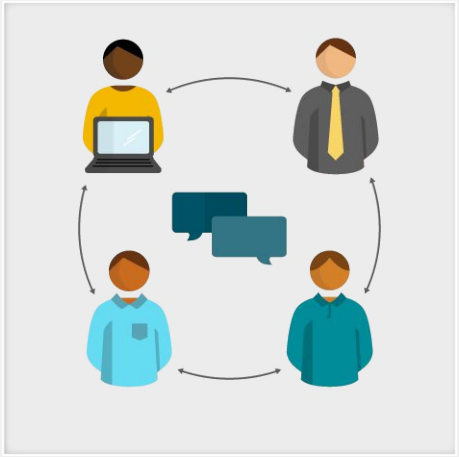
OPERATIONS

DEVELOPMENT

redhat.

MODERNIZED DEVELOPMENT

CROSS FUNCTIONAL TEAMS



MANAGE & MONITOR

OPERATIONS

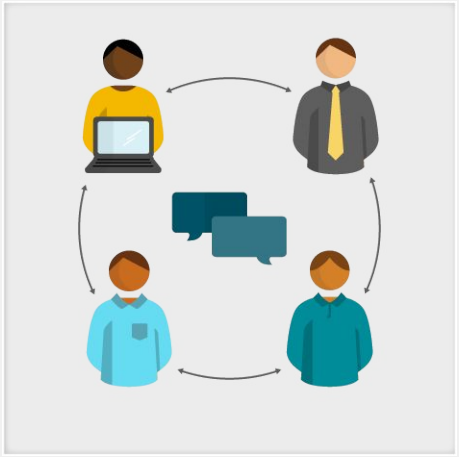
DEVELOPMENT

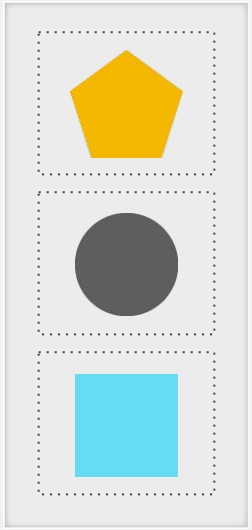
PRODUCTION

redhat.

MODERNIZED DEVELOPMENT

CROSS FUNCTIONAL TEAMS





MANAGE & MONITOR

OPERATIONS

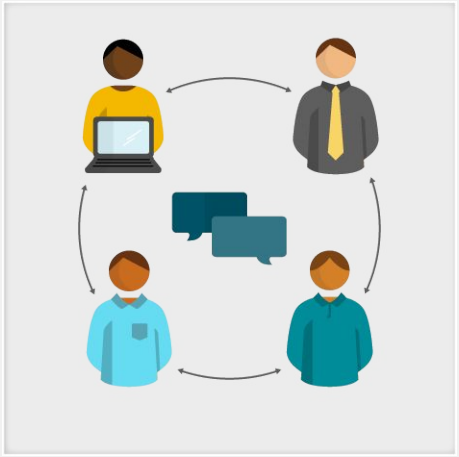
DEVELOPMENT

PRODUCTION

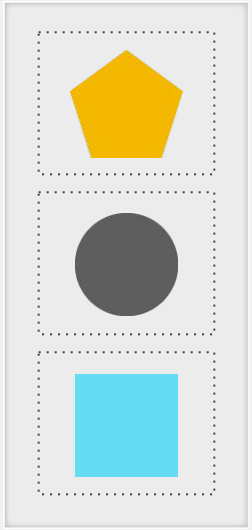
redhat.

MODERNIZED DEVELOPMENT

CROSS FUNCTIONAL TEAMS



PIPELINE



MANAGE & MONITOR

OPERATIONS

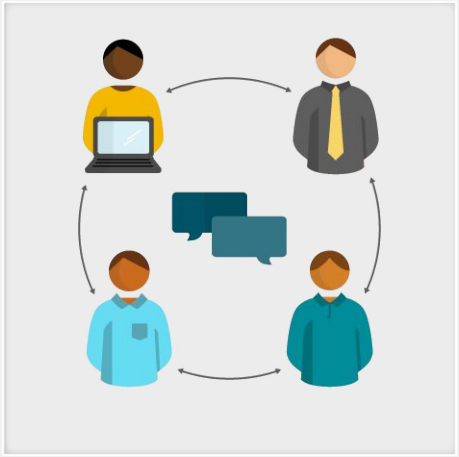
DEVELOPMENT

PRODUCTION

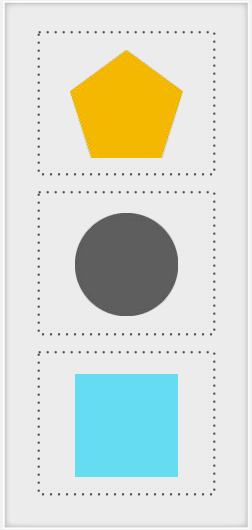
redhat.

MODERNIZED DEVELOPMENT

CROSS FUNCTIONAL TEAMS



PIPELINE



CONTINUOUS INTEGRATION AND DELIVERY

MANAGE & MONITOR

OPERATIONS

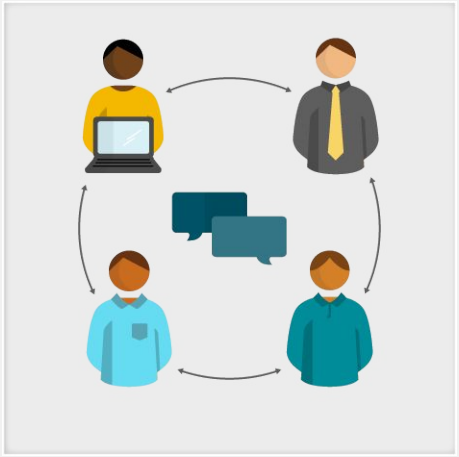
DEVELOPMENT

PRODUCTION

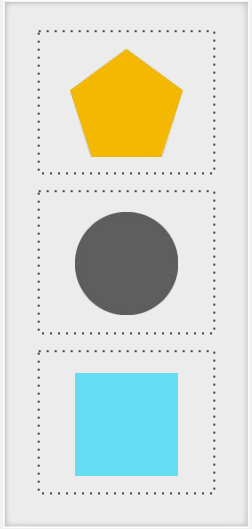
redhat.

MODERNIZED DEVELOPMENT

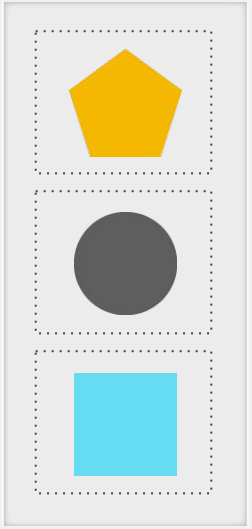
CROSS FUNCTIONAL TEAMS



PIPELINE



CONTINUOUS INTEGRATION AND DELIVERY



DEVELOPMENT

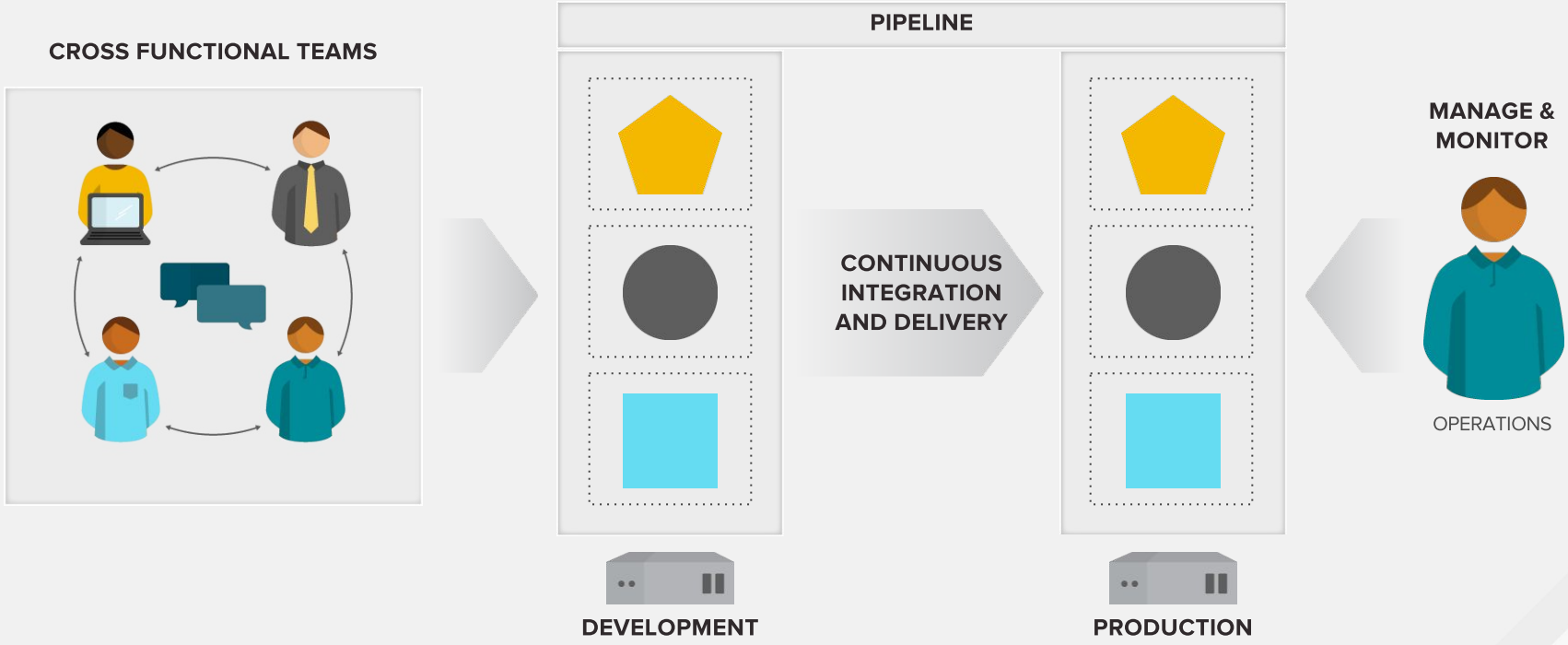
PRODUCTION

MANAGE & MONITOR

OPERATIONS

redhat.

MODERNIZED DEVELOPMENT



MODERNIZE DEV AND OPS

What it does: Demonstrates developing an application across OpenShift and OpenStack that is then audited by CloudForms. Available in Red Hat Product Demo System (RHPDS).

Why it's technically differentiated: The combination of OpenShift and OpenStack allow for unique flexibility in creating mixed service model applications (containers and virtual machines) or using infrastructure services within a platform as a service model (OpenShift application with Cinder volumes for persistence). CloudForms ability to manage vertically from hosts to virtual machines to containers is all differentiating.

(Demonstration available)

SPECIFIC CLOUD USE CASES

Optimize the IT you have

- Accelerate Service Delivery
- Add self-service capabilities
- Migrate virtualized infrastructure
- Migrate legacy applications to cloud-like infrastructure
- Storage migrate to SDS

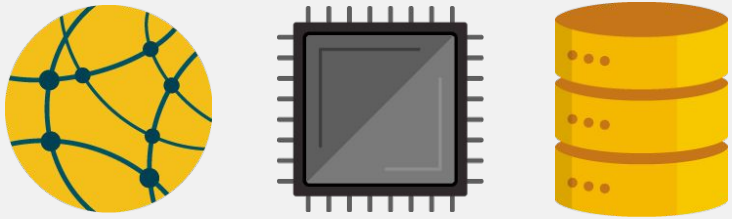
Add and manage cloud infrastructure

- Build a private cloud
- Develop, deploy and manage new container-based applications
- Deliver massively-scalable infrastructure
- Align workloads to right cloud environment
- Manage hybrid cloud or multi-cloud environments

Build more modern applications

redhat.

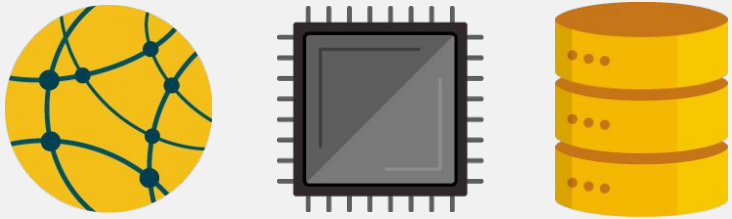
DELIVER SCALABLE INFRASTRUCTURE



redhat.

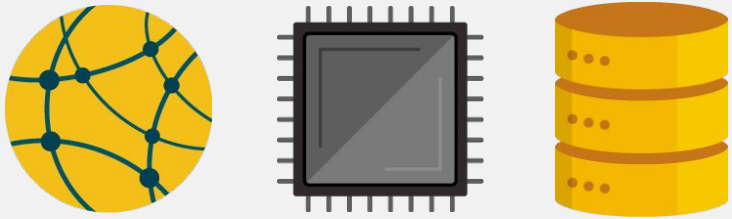
DELIVER SCALABLE INFRASTRUCTURE

SCALE UP
Financially and technically unsustainable



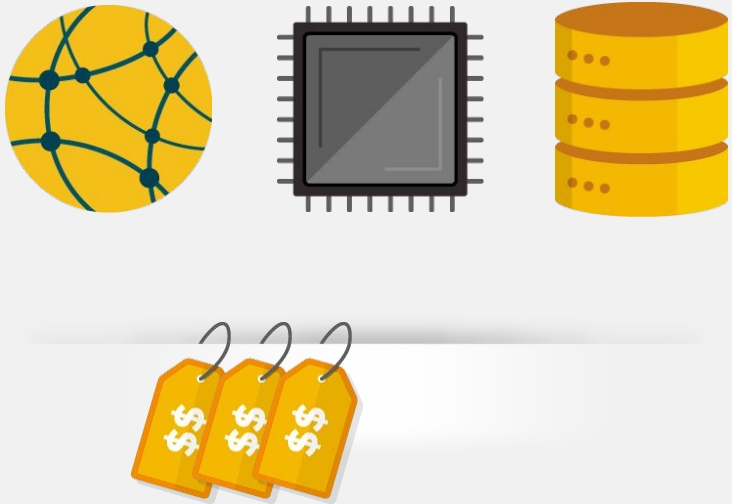
DELIVER SCALABLE INFRASTRUCTURE

SCALE UP
Financially and technically unsustainable



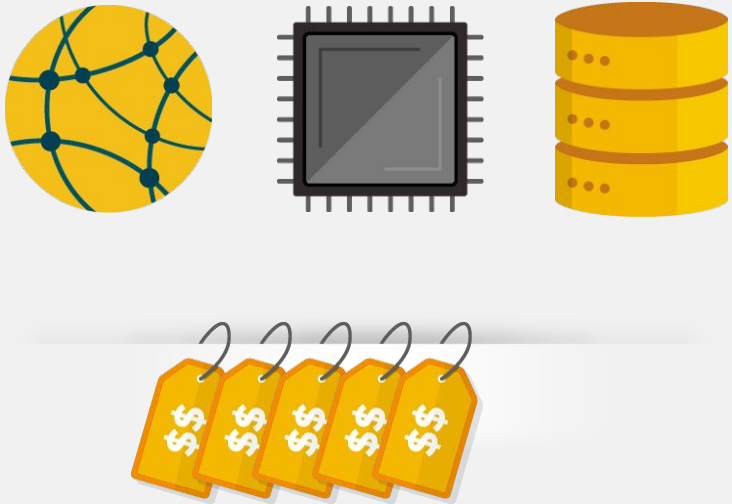
DELIVER SCALABLE INFRASTRUCTURE

SCALE UP
Financially and technically unsustainable



DELIVER SCALABLE INFRASTRUCTURE

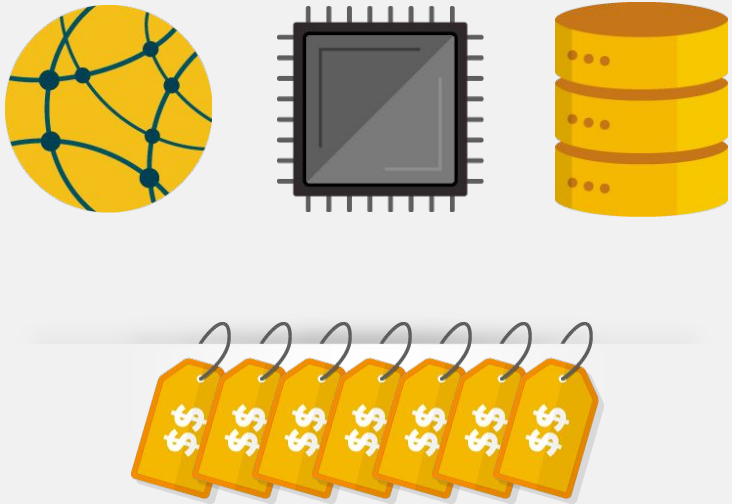
SCALE UP
Financially and technically unsustainable



redhat.

DELIVER SCALABLE INFRASTRUCTURE

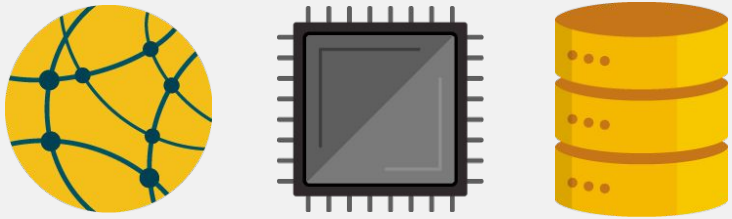
SCALE UP
Financially and technically unsustainable

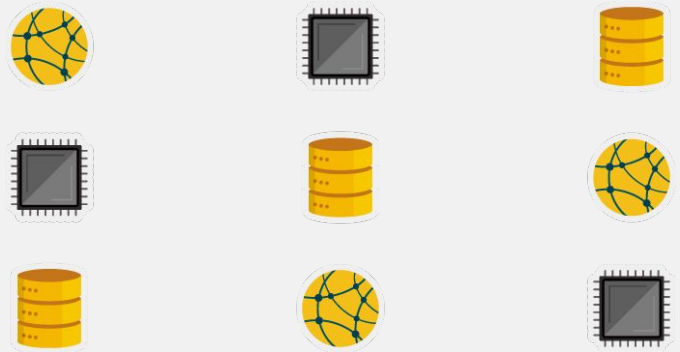


DELIVER SCALABLE INFRASTRUCTURE

SCALE UP

Financially and technically unsustainable

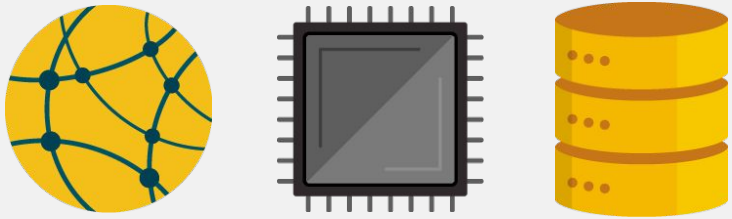


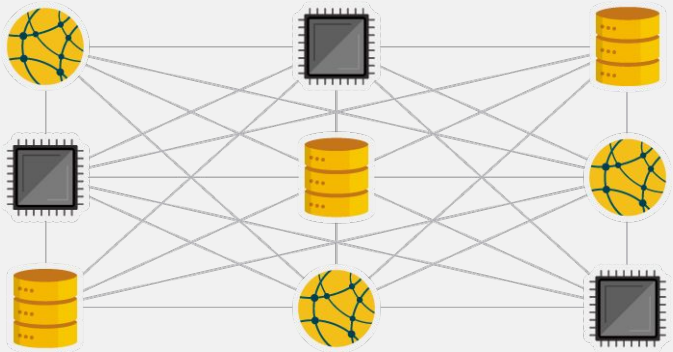


redhat.

DELIVER SCALABLE INFRASTRUCTURE

SCALE UP
Financially and technically unsustainable

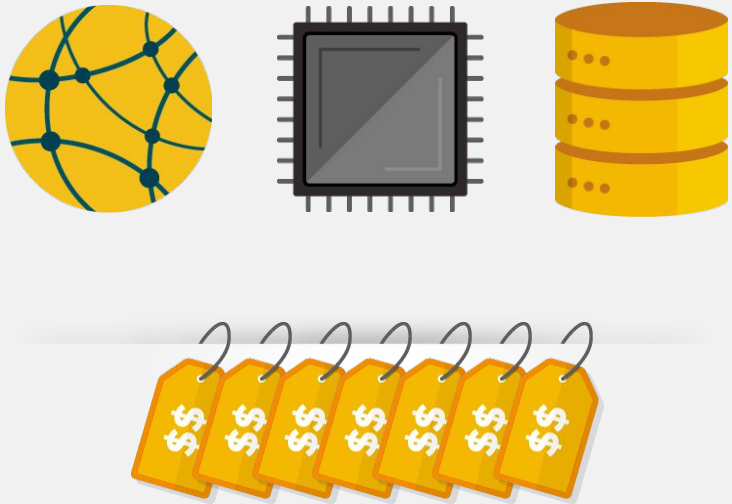




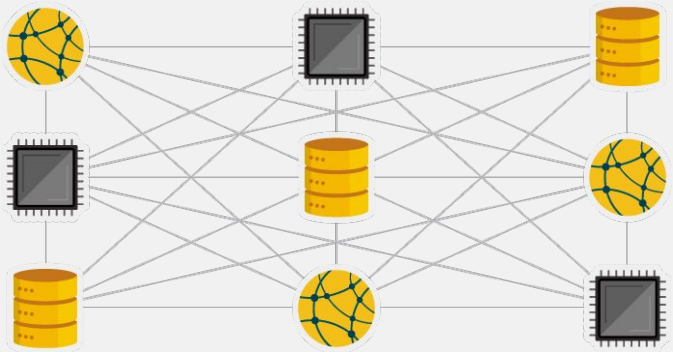
redhat.

DELIVER SCALABLE INFRASTRUCTURE

SCALE UP
Financially and technically unsustainable

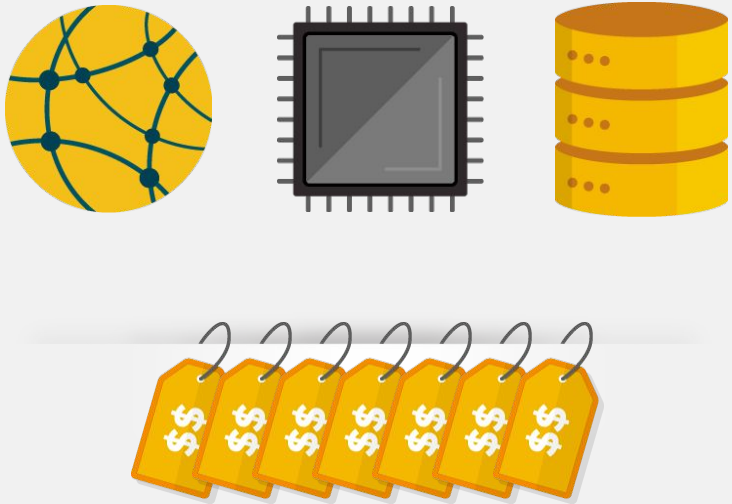


DO-IT-YOURSELF SCALE-OUT
Complex and incomplete

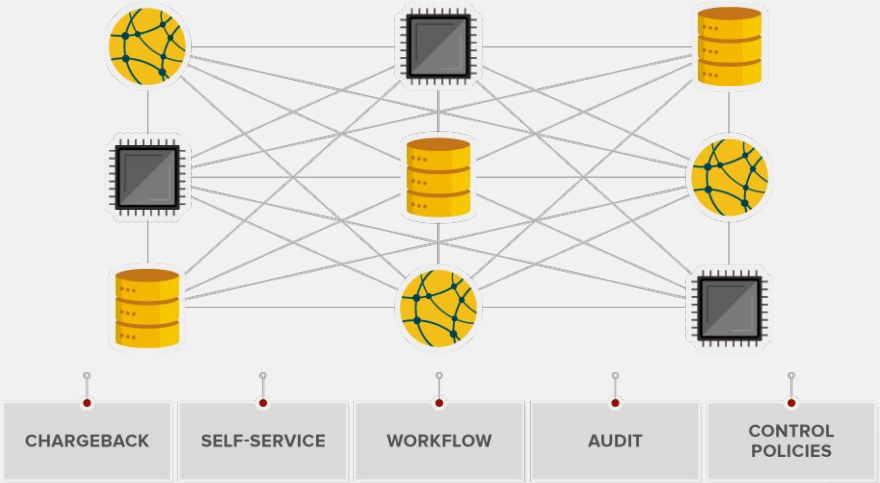


DELIVER SCALABLE INFRASTRUCTURE

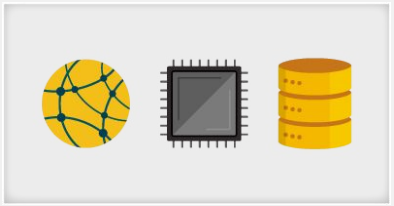
SCALE UP
Financially and technically unsustainable



DO-IT-YOURSELF SCALE-OUT
Complex and incomplete



DELIVERED SCALABLE INFRASTRUCTURE



NEW YORK

redhat.

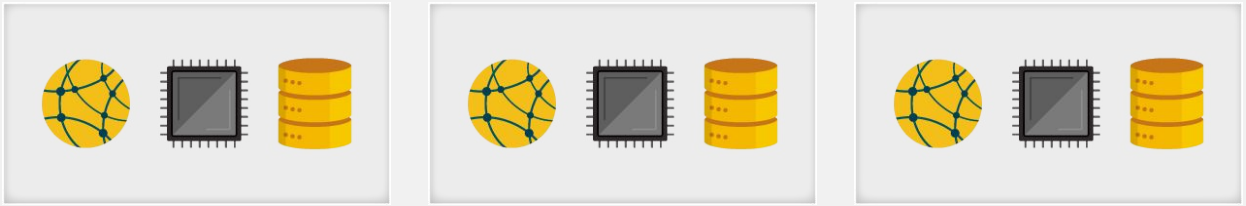
DELIVERED SCALABLE INFRASTRUCTURE

NEW YORK

LONDON

redhat.

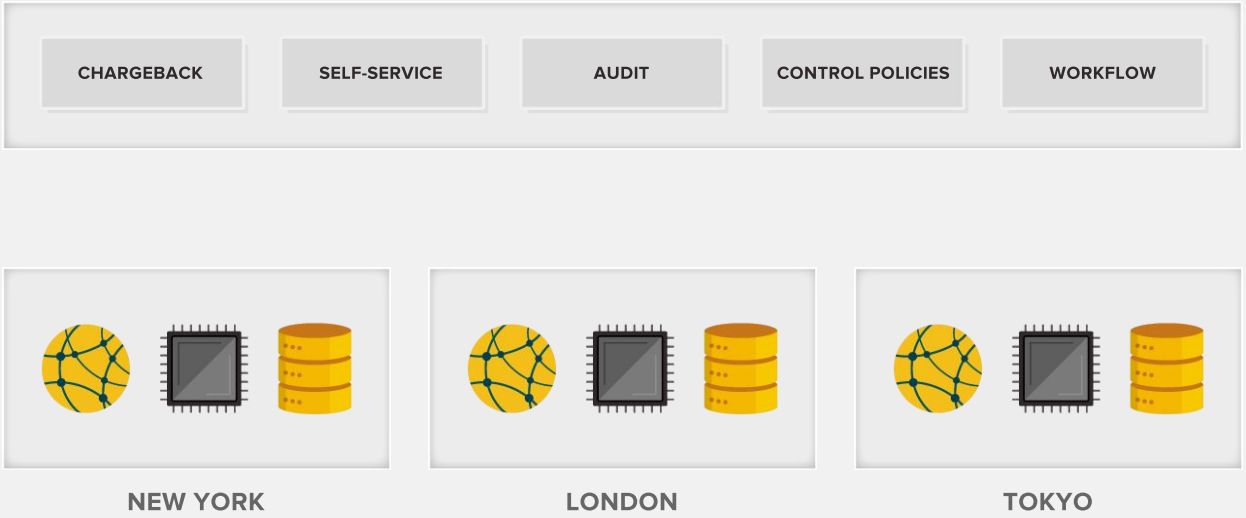
DELIVERED SCALABLE INFRASTRUCTURE



NEW YORK LONDON TOKYO

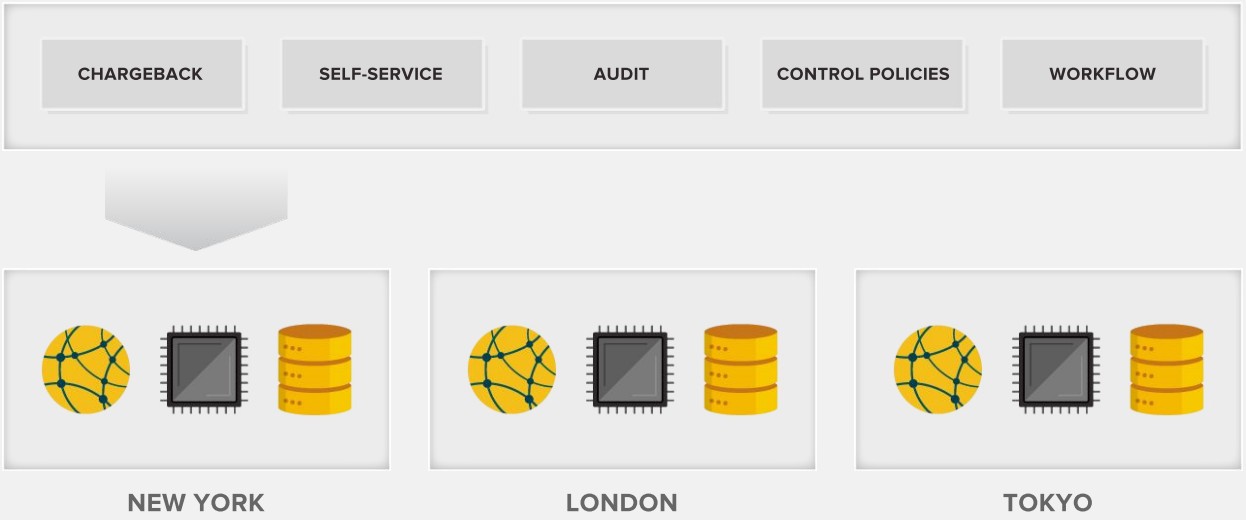
redhat.

DELIVERED SCALABLE INFRASTRUCTURE

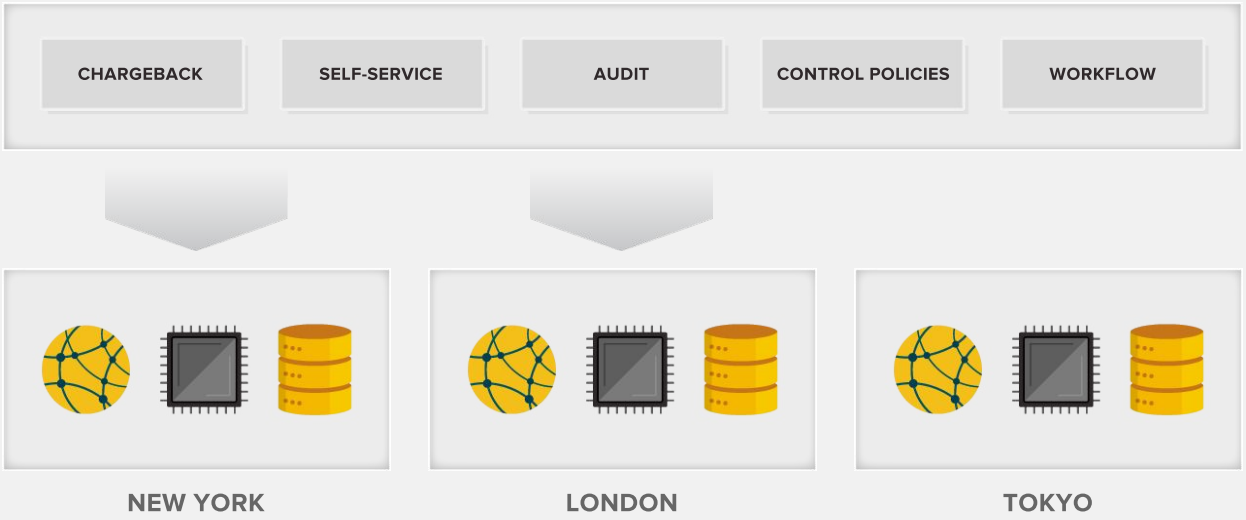


redhat.

DELIVERED SCALABLE INFRASTRUCTURE

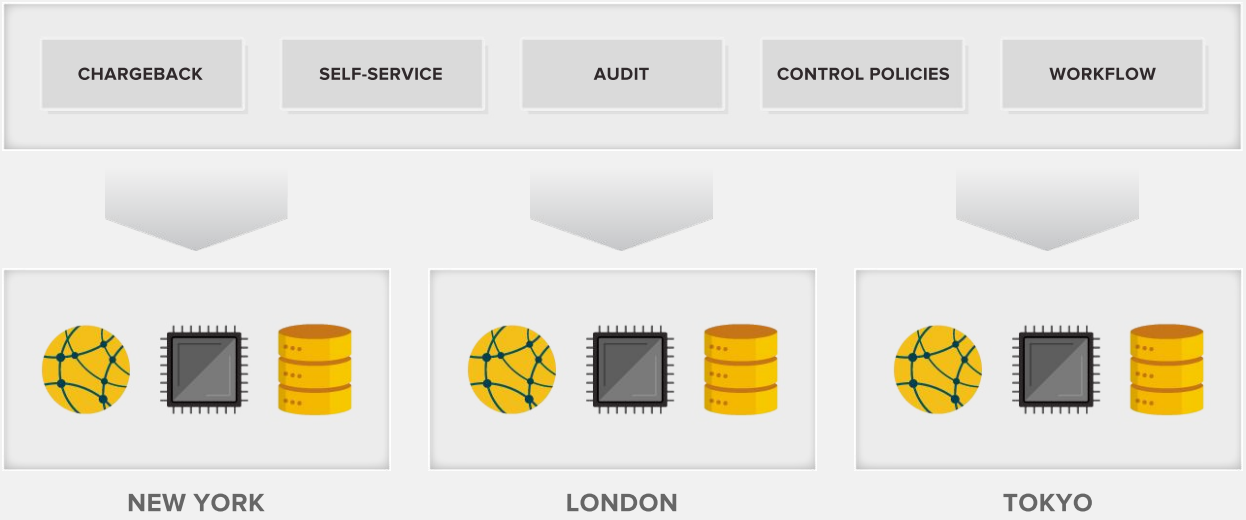


DELIVERED SCALABLE INFRASTRUCTURE



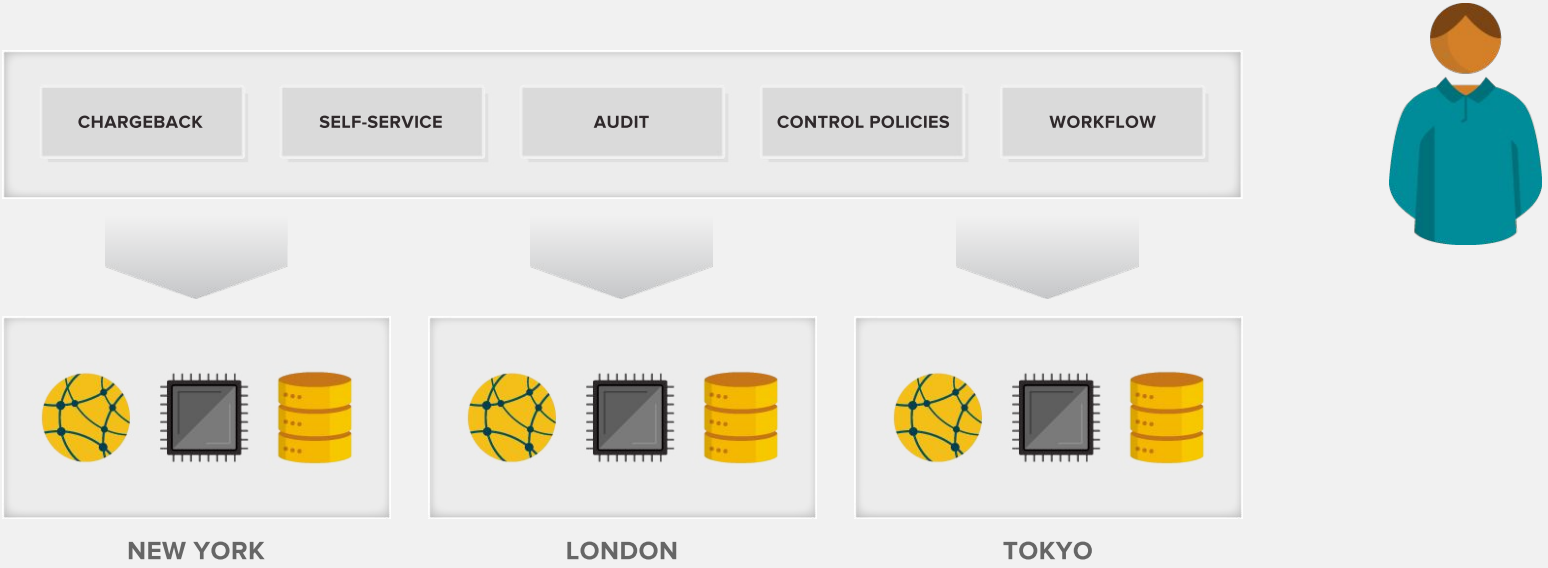
redhat.

DELIVERED SCALABLE INFRASTRUCTURE

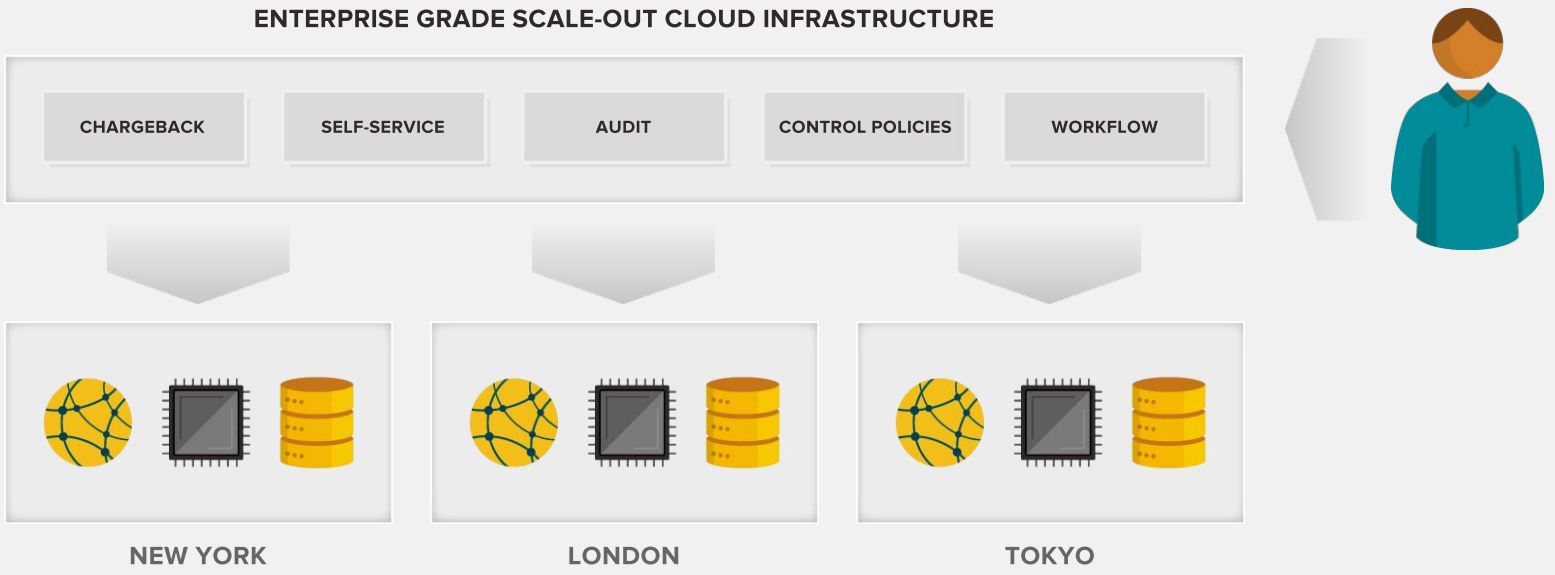


redhat.

DELIVERED SCALABLE INFRASTRUCTURE



DELIVERED SCALABLE INFRASTRUCTURE



SCALABLE INFRASTRUCTURE

What it does: Demonstrates using CloudForms for chargeback and reporting across a geographically diverse OpenStack deployment (Paris, Tokyo, and New York). Available in Red Hat Product Demo System (RHPDS).

Why it's technically differentiated: Showing chargeback and reporting across multiple OpenStack clouds illustrates how CloudForms can provide enterprise management features for OpenStack while at the same time showing how it can be used to provide a single point of data aggregation across multiple infrastructures.

(Demonstration available)

Red Hat Cloud Suite

Additional Information and Resources

- **P105181 - Real-world perspectives: Red Hat Cloud Infrastructure**
  - 15:30 - 16:15 on Wednesday with Unum and Penn State on panel
- **Announcements**
  - Blog Posts / Videos
    - Scaleable Infrastructure (video)
    - Optimize IT (video)
    - Accelerating Service Delivery (video)
    - Modernizing Development & Operations (video)
      - Red Hat Demo Central - https://github.com/redhatdemocentral
- **Red Hat Customer Portal**
  - Available online
    - https://access.redhat.com/products/red-hat-cloud-suite

redhat.

RED HAT CLOUD SUITE TOOLS

redhat

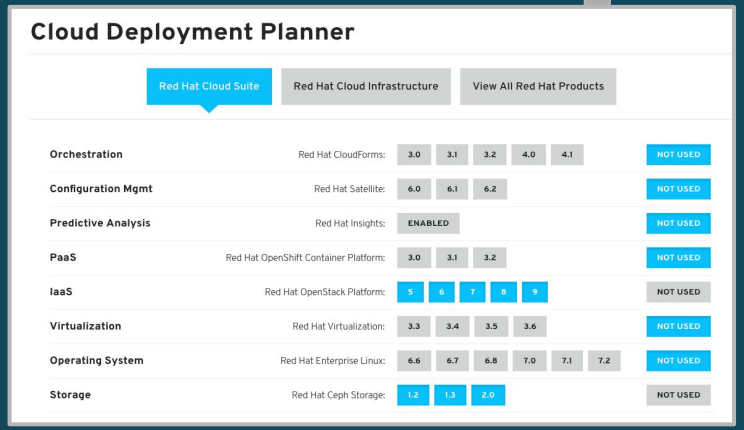
CLOUD DEPLOYMENT PLANNER

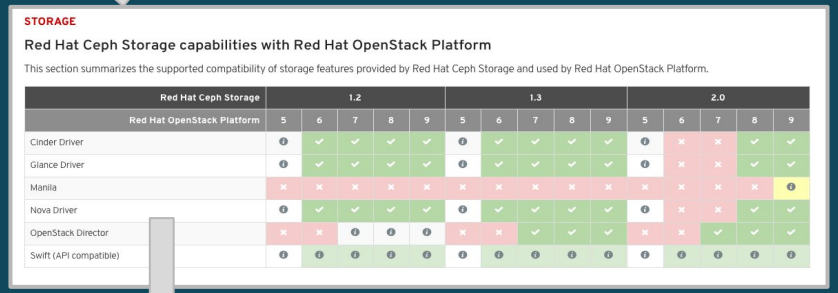
A visual tool to determine compatibility across hybrid cloud products

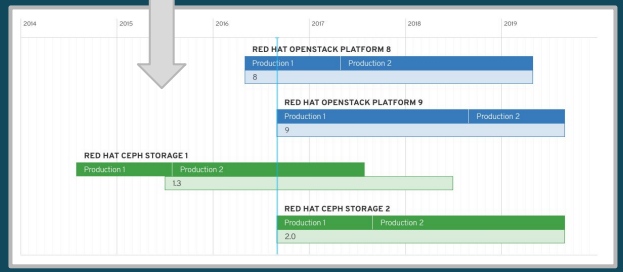
Select product scenarios

View interoperability information

View product lifecycles







redhat

Current State

Integrated products, interoperability, and user functionality

10
PRODUCTS

- CloudForms
- OpenShift
- OpenStack
- Satellite
- RHV
- RHEL / IdM
- Ceph
- Gluster
- Ansible

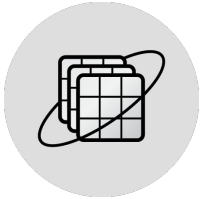
38
PROD RELEASES

4400+
INTEROP REQUIREMENTS

Feature compatibility

Lifecycle compatibility

Product segmentation



CATEGORIES

Identity Management
Configuration Management
Provisioning
Management
Proactive Analysis
Storage

redhat

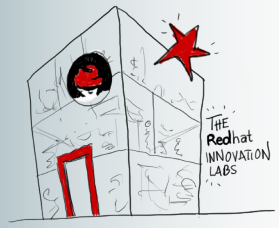
Cloud Deployment Planner

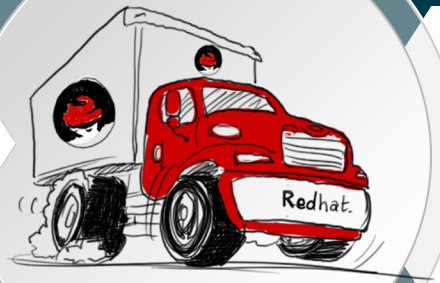
Additional Information and Resources

- **LT122010 - Observability and automation lightning talks**
  - 11:30-12:15 on Wednesday
- **Find more**
  - Blog Post
    - http://www.schabell.org/2016/06/howto-setup-redhat-cloud-using-online-deployment-planner.html
  - Video How To
    - https://youtu.be/tVHZtqmzAlo
- **Red Hat Customer Portal**
  - Available online
    - https://access.redhat.com/cloud-deployment-planner

redhat.

RED HAT OPEN INNOVATION LABS





COLLABORATION
Space to work,
innovate, and discuss

RESIDENCY
An eight-week accelerated
teaming engagement

COMMUNITY INCUBATION
Communities
supporting innovation

redhat.

More Red Hat Summit Activities

Be sure to check out these talks too:

- S101680 - Discover the foundations of digital transformation (TUE)
- Mini-Theater:
  - What are your Digital Foundations? (TUE)
  - How to Setup a Container Platform for Modern Application Delivery in Minutes (THU)
- DevZone:
  - Anyone Show You How to Install OpenShift Container Platform in Minutes? (TUE)

redhat.

THANK YOU


plus.google.com/+RedHat


facebook.com/redhatinc


linkedin.com/company/red-hat


twitter.com/RedHatNews

youtube.com/user/RedHatVideos

Eric D. Schabell, Global Technology Evangelist Directory
@ericschabell

redhat.

LEARN. NETWORK.
EXPERIENCE
OPEN SOURCE.

Eric D. Schabell, Global Technology Evangelist Directory
@ericschabell

redhat.