

AGENDA

8:30

Check-in, registration

9:30

Challenges of digital transformation

10:00

Start with an open, reliable, secure operating system

10:45

Break

11:00

Standardize your IT environment and take back control

11:30

Optimize and extend your virtualization investment

12:15 Lunch 13:15

Lay the foundation for software-defined storage

14:00

Manage IT with automation

14:45

Break

15:00

IMS - Infrastructure Migration Solution

15:45

Wrap up and Q&A





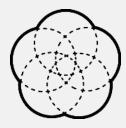


redhat.

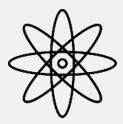




INNOVATION AND STABILITY



More than 20 years of collaboration



Trusted innovation engines



Common strategic vision



OUR COMMITMENT



Accelerate speed to market for industry-standard platforms



Actively contribute to the open source community



Deliver innovation through joint roadmaps



Develop and deliver unique technologies



Provide consistency and compatibility across platforms



Develop RAS to enhance data protection





WHY RED HAT AND INTEL?

WHAT IF YOU COULD...



Efficiently engage your IT organization?



Develop better business solutions?



Make your company more competitive?

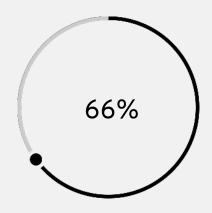
With Red Hat and Intel, it's possible.



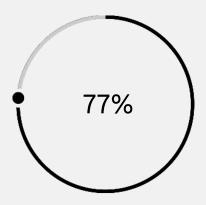


CHALLENGES OF DIGITAL TRANSFORMATION IT'S NOT JUST AN I.T. CHANGE

DIGITAL TRANSFORMATION IS ESSENTIAL



Recognize the need to transform¹



Technological advances transforming business expectations²



...BUT I.T. IS CHALLENGING



Optimize existing IT



Integrate apps, data, and processes



Add and manage cloud infrastructure



Build more modern apps





CHALLENGE 1: EXISTING INFRASTRUCTURE



Legacy infrastructure



Limited innovation budget



Cost-centric approach



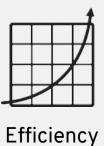
Compliance constraints





TOP REASONS TO OPTIMIZE I.T.

GAIN EFFICIENCY WITH SCALE, SPEED, AND SELF-SERVICE CAPABILITIES









Speed



CHALLENGE 2: LACK OF INTEGRATION

FAST-GROWING TECHNOLOGY AND BUSINESS REALITIES

BIG DATA

90% of all data was created in the last 2 years¹ **MOBILE**

77% of Americans own a smartphone²

SOCIAL

85% of customers start online when making a major purchase³

CLOUD

41% of enterprise workloads are running on the cloud⁴

IoT

devices will be connected to the internet by 2022⁵

API ECONOMY

\$284B in mobile commerce in the U.S. by 2020⁶



¹IBM, <u>10 Key Marketing Trends for 2017 and Ideas for Exceeding Customer Expectations</u>, Dec 2016.

²Pew Research Center, Mobile Fact Sheet, Jan 2017.

³Synchrony Financial, <u>2016 Major Purchase Study</u>, Dec 2016.

⁴451 Research, <u>Voice of the Enterprise: Cloud Transformation</u>, September 2016.

⁵Ericsson, <u>Ericsson Mobility Report on the Pulse of the Networked Society</u>, Nov 2016.

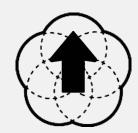
Business Insider, The Rise of M-Commerce: Mobile Shopping Stats & Trends, Dec 2016.

TOP REASONS TO INTEGRATE

SPEED, SIMPLICITY, AND COLLABORATION EVERYWHERE FROM ANYWHERE



Easy-to-use tools and processes



Increased collaboration



Faster service



CHALLENGE 3: LACK OF CLOUD INFRASTRUCTURE



Defined cloud strategy



Institutional knowledge gap



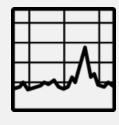
Security and policy constraints

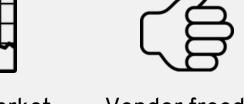


DRIVERS FOR CLOUD INFRASTRUCTURE









Time to market

Vendor freedom

CHALLENGE 4: LACK OF MODERN APP DEVELOPMENT



Legacy infrastructure



Maintenance overhead



Developer mindshare



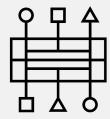
Consistency and compliance



TOP REASONS TO MODERNIZE APP DEVELOPMENT



Increased pace of business



Software importance



Self-service capabilities





PATH 1: START WITH AN OPEN, RELIABLE, SECURE OPERATING SYSTEM

DIGITAL TRANSFORMATION: HOW TO GET THERE?



Legacy infrastructure



Limited innovation budget



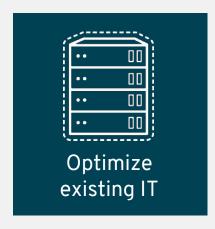
Cost-centric approach



Compliance constraints



I.T. OPTIMIZATION IS A TOP PRIORITY





Integrate apps, data, and processes



Add and manage cloud infrastructure



Build more modern apps



WHERE SHOULD YOU START?



improvements



Virtualization optimization



Storage optimization



Better business processes



Application migration or updates



WHERE COULD WE START?





Virtualization optimization



Storage optimization



Better business processes



Application migration or updates



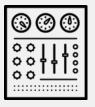
ENCOUNTERING ROADBLOCKS LIKE THESE?



Slow delivery of services



Lack of budget



Ad hoc management and maintenance









CASE STUDY: RAIFFEISEN BANK



Challenge:

• Improve performance and cost

Solutions:

- Migrating to Red Hat[®] Enterprise Linux[®]
- Running on cost-effective Hitachi servers with Intel processors

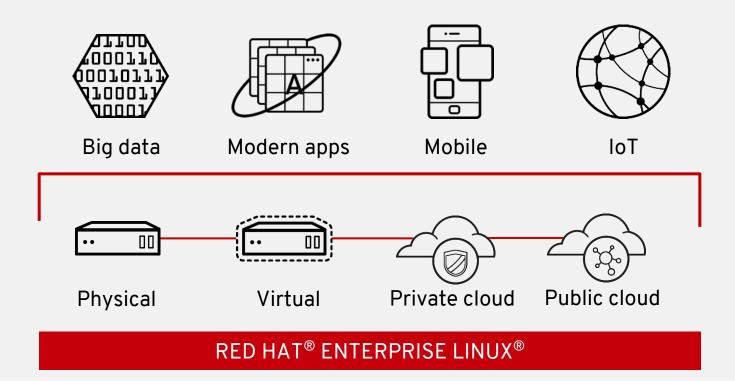
Results:

- Tripled system performance
- Maintained stability
- Cut total cost of ownership (TCO) by 50%





A STRONG AND STANDARD FOUNDATION







RED HAT® ENTERPRISE LINUX® 7 HIGHLIGHTS

Flexible









Windows interoperability



Scalable file systems



Stable and efficient

Optimal performance via profiles



Streamlined installation and deployment



System management



Critical reliability and military-grade security



RED HAT® ENTERPRISE LINUX® 7.x HIGHLIGHTS



Defend against the latest security threats



Improve performance across all roles

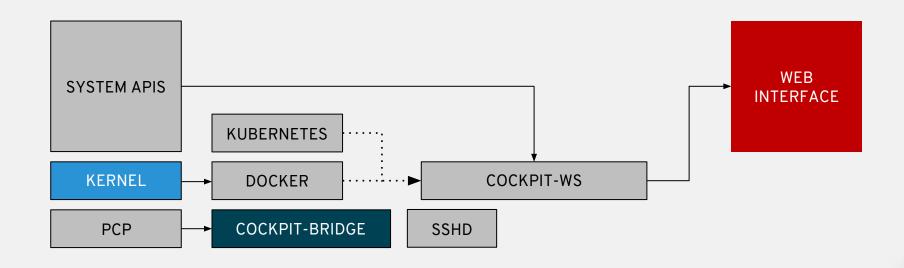


Streamline systems management



COCKPIT

EASY-TO-USE, BROWSER-BASED ADMIN INTERFACE FOR SYSTEMS MANAGEMENT







KEY TAKEAWAYS



Path 1: Start with an open, reliable, secure operating system

- Need to select stable, yet flexible platform to support both existing workloads and next generation solutions.
- Red Hat® Enterprise Linux® includes the requisite foundational tools and technologies to modernize your environment and meet tomorrow's demands.





PATH 2: STANDARDIZE YOUR I.T. ENVIRONMENT AND TAKE BACK CONTROL

SATELLITE AND INSIGHTS DOING MORE TOGETHER

RED HAT° SATELLITE + INSIGHTS



Content Delivery
Provisioning
Configuration Management
Remote Execution
Patching
Entitlement

Predictive IT Analytics Risk Assessment Automated Remediation









RED HAT' ENTERPRISE LINUX'





EFFICIENT SYSTEMS MANAGEMENT WITH RED HAT® SATELLITE





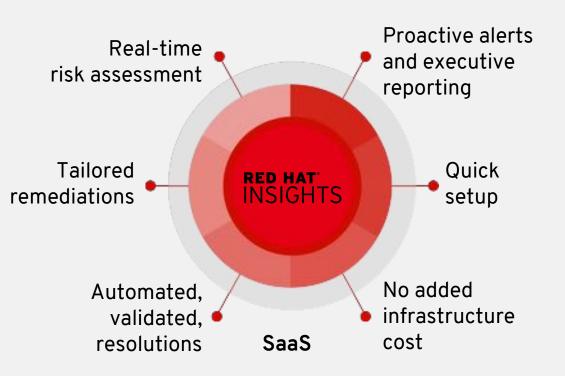
"85% of critical issues raised to Red Hat® support are already known to Red Hat or our partners."

- RED HAT GLOBAL SUPPORT SERVICES





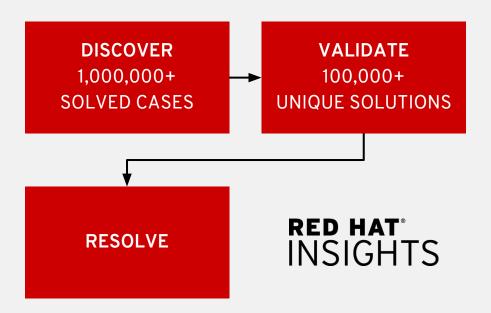
WHAT IS RED HAT® INSIGHTS?



Red Hat Insights is a predictive IT analytics service that enables customers to proactively identify and automatically resolve infrastructure risks before they impact business operations.



PREDICTIVE, HOW?

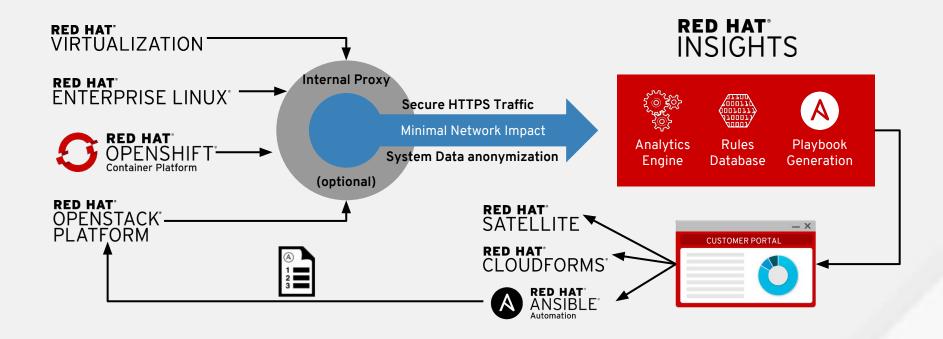


- Continuous identification of new risks.
- Based on real-world results from millions of enterprise deployments
- "85% of critical issues raised to Red Hat® support are already known to Red Hat or our partners."
- RED HAT GLOBAL SUPPORT SERVICES



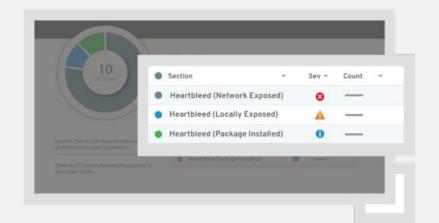
HOW DOES INSIGHTS WORK?

INTEGRATED INTO TOOLS YOU ALREADY USE





GET AHEAD OF SECURITY RISKS



"In the first year when a vulnerability is released, it's likely to be exploited within 40 to 60 days. However, it takes security teams between 100 to 120 days on average to remediate existing vulnerabilities."

- KENNA SECURITY GROUP











PATH 3: OPTIMIZE AND EXTEND YOUR VIRTUALIZATION INVESTMENT



DIGITAL TRANSFORMATION IS A TOP PRIORITY

Pressure to move to a modern datacenter to be competitive and relevant



OPTIMIZE the information technology you have



apps, data, and processes



ADD and manage cloud infrastructure



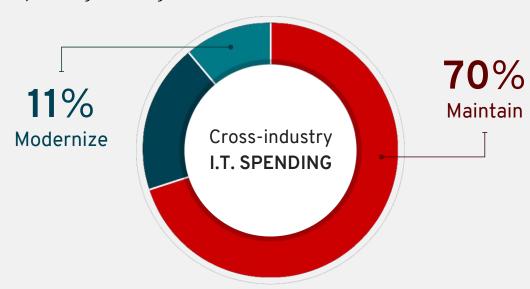
BUILD more modern applications

MAXIMIZE AND INTEGRATE existing investments to build future technology

THE BUDGET TO MAINTAIN AND MODERNIZE

IT spending to run, grow, and transform the business, cross-industry





Source: Graph created by Red Hat based on Gartner research. Potter, Kurt, Sanil Solanki, and Ken McGee, Run, Grow and Transform the Business IT Spending: Approaches to Categorization and Interpretation. Gartner G00308477, 27 June 2016





VIRTUALIZATION POWERS THE MODERN DATACENTER









REGAIN CONTROL

- Cost
- Compliance
- Resources

CONNECT EXISTING INVESTMENTS

- Path to the cloud
- Interoperability

ACCELERATE SERVICE DELIVERY

- Stop the need for shadow IT
- Push-button configuration

WITHOUT VENDOR LOCK-IN

- What you need when you need it
- No licenses, no capital expenditures (CapEx), no contract fine print





THE VALUE OF RED HAT VIRTUALIZATION

Virtualization remains a pillar in the datacenter*









OPTIMIZE the IT you have

INTEGRATE apps, data, and processes

ADD AND MANAGE cloud infrastructure

BUILD MORE modern applications

RED HAT. VIRTUALIZATION



RED HAT OPENSTACK PLATFORM

RED HAT'
CLOUDFORMS







^{*} July 2017, IDC, The Critical Role of Virtualization in Modern Datacenters, Hybrid Clouds, and Containers

THE VALUE OF RED HAT VIRTUALIZATION

Virtualization remains a pillar in the datacenter*









Foundational technology

Use cases for today and tomorrow

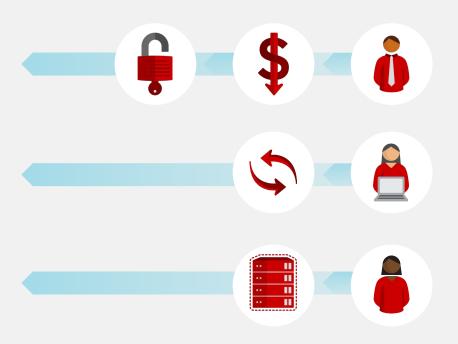
OpEx and CapEx friendly

No vendor lock-in



^{*} July 2017, IDC, The Critical Role of Virtualization in Modern Datacenters, Hybrid Clouds, and Containers

MANY PATHS TO RED HAT VIRTUALIZATION



>> DIRECTOR

- No vendor lock-in or 1-way contract
- Predictable operating expenses (OpEx), no CapEx
- Low total cost of ownership (TCO)

>> DEVELOPER

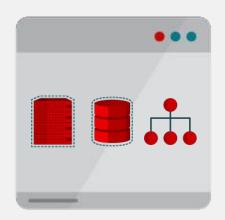
- Fully automate and integrate
- Common tooling
- Open source

>> OPERATIONS

- Single support stack for Red Hat Enterprise Linux®, Red Hat Virtualization, and Red Hat OpenShift®
- Support for traditional apps, containers, path to cloud

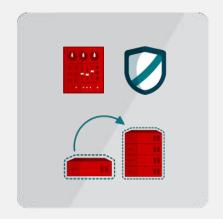


RED HAT VIRTUALIZATION



CENTRALIZED MANAGEMENT

Virtualized compute, network, and storage resources using the open source Kernel-based Virtual Machine (KVM) hypervisor



AUTOMATED WORKLOAD

Management, scalability, and security features for virtualized applications



OPTIMIZES CURRENT I.T.

Integrates with future technologies using RESTful application programming interface (API)

EASY TO OPERATIONALIZE, EASY TO AUTOMATE, EASY ON THE BUDGET, NO VENDOR LOCK-IN





RED HAT VIRTUALIZATION USE CASES



Mission-critical virtualization



Cloud transition



Dev/test

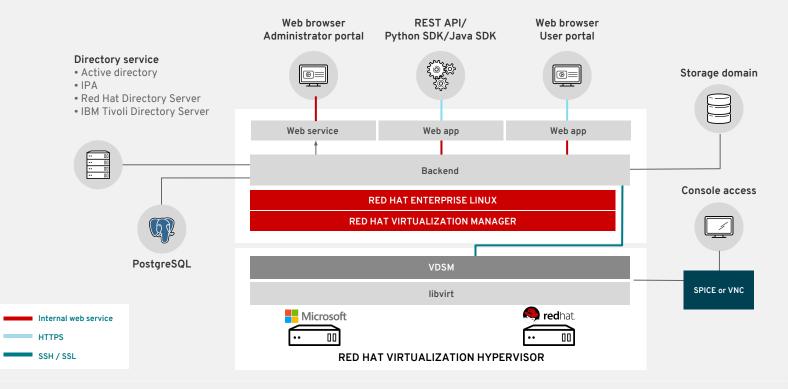


Technical workstations



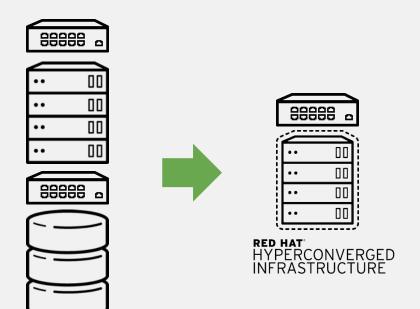


RED HAT VIRTUALIZATION OVERVIEW





RED HAT VIRTUALIZATION - PACKAGING



- Single budget for compute & storage
- One team to managing infrastructure
- Simplified planning & procurement
- Streamlined deployment & management
- Single support stack for compute and storage

TRADITIONAL ARCHITECTURE







KEY TAKEAWAYS



Path 3: Optimize and extend your virtualization investment

• Establish familiarity with RHV-M and VM-related tasks in RHV.





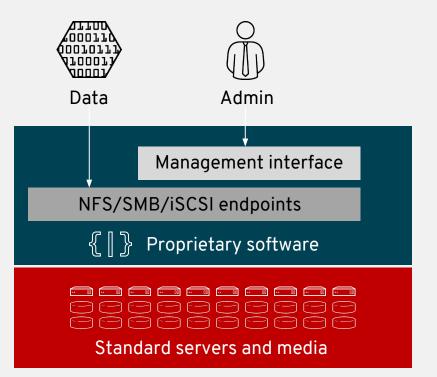
PATH 4: LAY THE FOUNDATION FOR SOFTWARE-DEFINED STORAGE

THE DATACENTER IS CHANGING

Development model	Application architecture	Deployment and packaging	Application infrastructure	Storage
		88888 a	00 00 00 00 00 00 00 00 00 00 00 00	
Waterfall	Monolithic	Bare metal	Datacenter	Scale up
	V	~	~	~
Agile	N-tier	Virtual services	Hosted	Scale out
•	~	V	~	~
DevOps	Microservices	Containers	Hybrid cloud	Software-defined storage



PROPRIETARY APPLIANCES AREN'T ENOUGH



The traditional approach to storage:

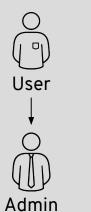
- Complexity and flexibility hidden from end users
- Vendor lock-in leads to pricing premium
- Price premium over constituent components is difficult to sustain





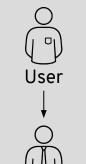
STORAGE IS EVOLVING

Traditional storageComplex proprietary silos



Custom GUI Proprietary hardware

Proprietary software



Custom GUI Proprietary hardware

Admin

Proprietary software



User |

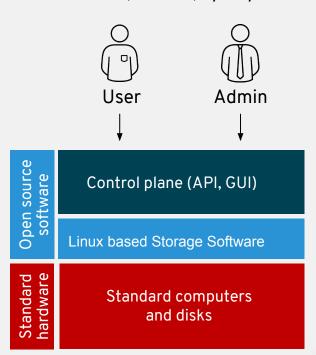


Admin

Custom GUI Proprietary hardware

Proprietary software

Open, software-defined storage Standardized, unified, open platforms

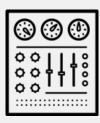




WHAT IS SOFTWARE-DEFINED STORAGE?







Centralized control



Open ecosystem

























RED HAT GLUSTER STORAGE

Background/Issue

- Spanish television network and media production company. Largest television network in Spain
- MediaSet was using an EMC solution for remote video archiving service on external Service provider data center

Client Need

- Customer wanted an in house archive solution to speed up access.
- Scalable, flexible and performant data archive platform. Reduce cost from vendor lock-in. Acquire skills for solution management.

Ecosystem

ORACLE DIVArchive

COMPETITION:

FMC.

Red Hat offer

- Architecture design
- PoC delivery
- Performance tuning
- Skills transfer via mentoring and documentation.

Why Red Hat?

- Much lower TCO then EMC Isilon
- Future Server Hardware selection freedom
- More performance
- Positioned for future unpredictable growth
- Expertise transfer from RH consultant
- No more migrations

Future Opportunities

- RHGS for remote platform destination at Service Provider
- RHGS for OpenShift





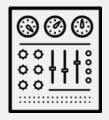
WHAT IS RED HAT STORAGE



Enterprise class iteration of the open source Ceph and Gluster projects



Reduced Infrastructure Cost



All-inclusive feature set



Extremely resilient, performant and secure



PART OF RED HATS STACK



HOW STORAGE FITS

RED HAT STORAGE

PHYSICAL

GLUSTER STORAGE

ENTERPRISE LINUX

RED HAT'
CEPH STORAGE

RED HAT

RED HAT

RED HAT GLUSTER STORAGE

ENTERPRISE LINUX

VIRTUALIZATION

RED HAT

RED HAT

VIRTUAL

RED HAT' OPENSTACK' PLATFORM

PRIVATE CLOUD

RED HAT'
CEPH STORAGE

CONTAINERS

RED HAT'
GLUSTER STORAGE



PUBLIC CLOUD

RED HAT'
GLUSTER STORAGE

RED HAT ENTERPRISE LINUX



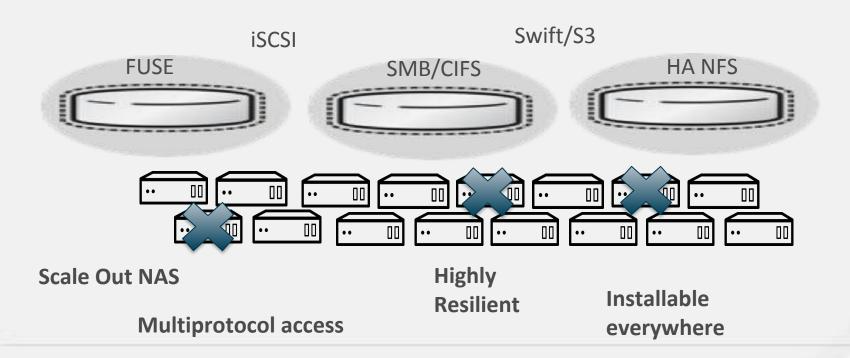








What is Red Hat Gluster Storage

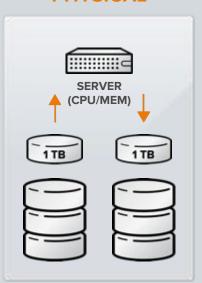




WHAT IS A GLUSTER SYSTEM?

Can be physical, virtual or cloud

PHYSICAL



VIRTUAL/CONTAINER

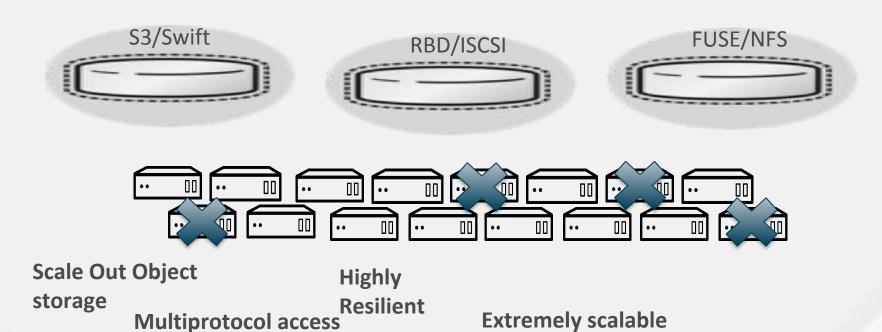


CLOUD





What is Red Hat Ceph Storage





SDS POPULAR USE CASES

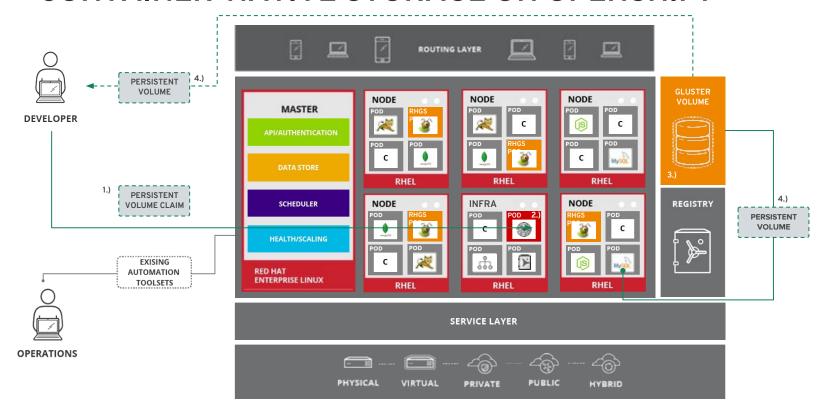
OPENSHIFT CONTAINER STORAGE	Scalable, flexible persistent storage for, and in, containers
PRIVATE CLOUD INFRASTRUCTURE	Elastic storage for OpenStack virtual machines and tenant applications
ELASTIC DATA LAKES	Massively scalable storage enabled for big data analytics frameworks
HYPERCONVERGENCE	Compute and storage tightly integrated for ROBO, edge, and IoT
UNSTRUCTURED DATA	Cost effective, scale out storage for rich media and content delivery



Openshift Container Storage



CONTAINER-NATIVE STORAGE ON OPENSHIFT



Private Cloud Infrastructure



Your private cloud need storage

PUBLIC CLOUD: AWS

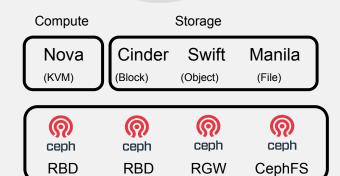


Compute Storage

EC2 EBS S3 EFS (Block) (Object) (File)

PRIVATE CLOUD : OpenStack





Unified Storage Inside

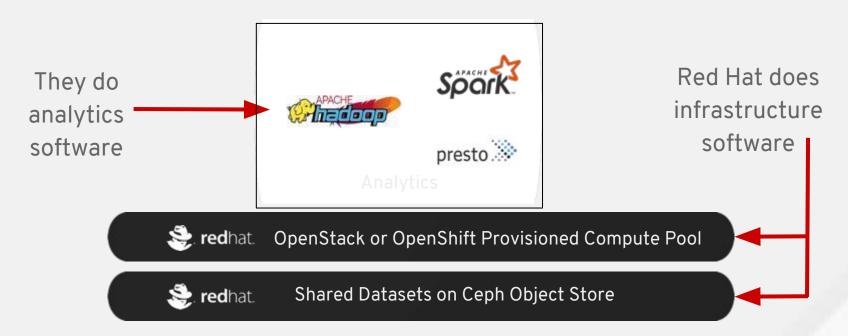


Elastic Shared Data Lakes



The Evolution of Big Data Analytics - the new way

Analytics vendors focus on analytics, Red Hat on infrastructure.

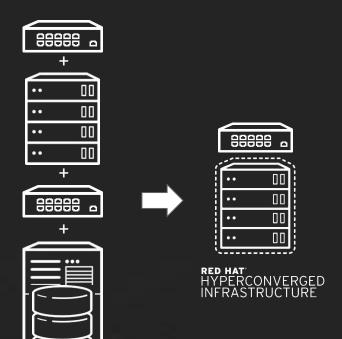




Hyperconvergence



RHHI: INFRA CONSOLIDATION & OPERATIONAL EFFICIENCY



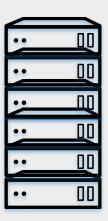
- Single budget for compute & storage
- One team to manage infrastructure
- Simplified planning & procurement
- Streamlined deployment & management
- Single support stack for compute and storage





Red Hat Hyperconverged Infra 4C

- Red Hat Openstack +Red Hat Ceph
- Multiple hardware configurations possible, minimum 6 nodes
- Possible to build storage only nodes
- Scales to 30 nodes (and beyond)
- Possible through containerisation of services within OSP and Ceph.
- One common life cycle





Unstructured Data



UNSTRUCTURED DATA

Massively-scalable, flexible, and cost-effective storage for image, video, and audio content



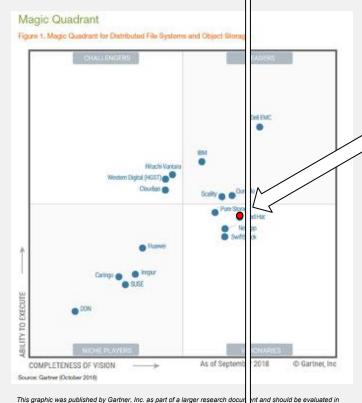
FEATURES

- Support for multi-petabyte storage clusters on commodity hardware
- Erasure coding and replication for capacityoptimized or performance-optimized pools
- Support for standard file & object protocols
- Snapshots and replication capabilities for high availability and disaster recovery

BENEFITS

- Provides massive and linear scalability in on-premise or cloud environments
- Offers robust data protection with an optimal blend of price & performance
- Standard protocols allow access to broadcast content anywhere, on any device
- Cost-effective, high performance storage for on-demand rich media content

GARTNER MAGIC QUADRANT



the context of the entire document. The Gartner document is available upon

https://www.gartner.com/doc/3891780/magic-quadrant-distributed-file-system

Visionary in the Magic Quadrant for Distributed File Systems and Object Storage

Red Hat Storage ranked as a Visionary three years in a row.

Positioned well in completeness of vision and ability to execute.

Gartner does not endorse any vendor, product or service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings or other designation. Gartner research publications consist of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.





KEY TAKEAWAYS



Path 4: Lay the foundation for software-defined storage

- Storage is changing and becoming software-defined.
- Red Hat® Storage is open, community-based, software-defined storage for the enterprise.
- Red Hat® Gluster Storage is ideal for container-native storage and enterprise file sharing.
- Red Hat® Hyperconverged Infrastructure is a tight integration of Red Hat Gluster Storage and Red Hat® Virtualization
- Red Hat® Ceph Storage is a tightly integrated with Red Hat® OpenStack, enabling customers to build private clouds and Storage as a Service at scale.



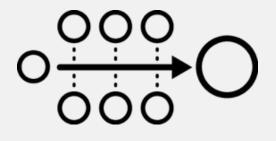




PATH 5: MANAGE I.T. WITH AUTOMATION

TYPICAL SERVICE PROVISIONING

MANUAL PROCESSES RESULT IN LONG LEAD TIMES



- Process requests for IT resource
- Clarify request and collect needed information
- VM creation from template
- Configuration to desired state
- Security and compliance process
- Non-work time for weekends, emergencies, etc.



IMPROVING THE PROCESS

WHAT IF YOU COULD...



- Self-serve
- Automate
- Eliminate downtime

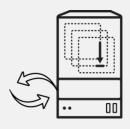


BENEFITS OF SERVICE AUTOMATION

MANUAL PROCESSES RESULT IN LONG LEAD TIMES



Faster service delivery



Deploy consistently



Ops control



Policy control



REAL ECONOMIC IMPACT

20x

more service requests fulfilled

55%

less staff time discovering and optimizing IT resources

\$11,937

in annual benefits per 100 users

92%

less staff time per delivery of service requests 37%

faster app development life cycle 436%

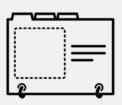
5-year ROI



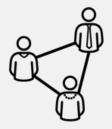


ACCELERATING SERVICE DELIVERY

DELIVER SERVICES IN MINUTES WITH AUTOMATED SERVICE PROVISIONING



Self-service catalog



Automated approval workflow



No downtime for weekends, emergencies, etc.





10 years of time saved



CASE STUDY: COX AUTOMOTIVE

COX AUTOMOTIVE™

Challenge:

- Provide IT systems quickly to developers and business units
- Standardize deployed systems to meet all corporate security policies

Solutions:

 Red Hat[®] Ansible Automation (on OpenStack[®] infrastructure)

Results:

- Provide in minutes what used to take weeks
- Ensure systems provided meet corporate security requirements







INTEGRATION AND AUTOMATION



Fast, repeatable configuration for virtual resources

RED HAT CLOUDFORMS

Automation, orchestration, and self-service

RED HAT SATELLITE

Provision and update hosts and VMs





RED HAT SERVICE PROVISIONING

HYBRID CLOUD MANAGEMENT AND AUTOMATION

RED HAT CLOUDFORMS

Deliver services across your hybrid cloud

- Hybrid cloud management
- Self-service provisioning
- Policy-driven compliance



Centralize automation governance

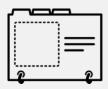
- Centralized control
- Team and user delegation
- Audit trail





RED HAT® CLOUDFORMS & RED HAT® ANSIBLE AUTOMATION

COMPLETE SELF-SERVICE AND AUTOMATION FOR I.T. PROCESSES



Visibility, efficiency, and optimization

Improve resource utilization and operational efficiency



Self-service and service management

Automate and delegate service delivery processes, saving time and money



Compliance and governance

Responsibly enable users and developers, without being in the way







KEY TAKEAWAYS



Path 5: Manage IT with automation

- IT services can be delivered rapidly via a self-service portal.
- Automating IT processes, like service provisioning or problem identification and remediation, saves time.





PATH 6: IMS - Infrastructure Migration Solution

TRENDS IN DIGITAL TRANSFORMATION



87%
anticipate that their industries
will be disrupted by
digital trends to a great or
moderate extent.1



say that technology is one of the top 3 influencers transforming stakeholder expectations for the business.²



16% to 37%

CIOs expect digital revenue to grow from 16 to 37 percent in the next 5 years.³

Source 1: MIT Sloan Management Review and Deloitte, Aligning the Organization for Its Digital Future, July 2016. http://sloanreview.mit.edu/projects/aligning-for-digital-future/
Source 2: Survey of 1,409 CEOs in 83 countries by PricewaterhouseCooper, 19th Annual Global CEO Survey, January 2016. http://www.pwc.com/gx/en/ceo-survey/2016/landing-page/pwc-19th-annual-global-ceo-survey.pdf
Source 3: CIO Survey (n=609), 2,944 CIOs in 84 countries. Graphic created by Red Hat based on Gartner research. Building the Digital Platform: The 2016 CIO Agenda, Published: 02 October 2015.
http://www.gartner.com/imagesry/cio/pdf/cio_agenda_insights_2016.pdf



EXAMPLES OF DIGITAL TRANSFORMATION



Sped Up..

BBVA updated its IT systems with Red Hat to support digital transactions, ultimately delivering faster, better financial services for customers.



Maximised..

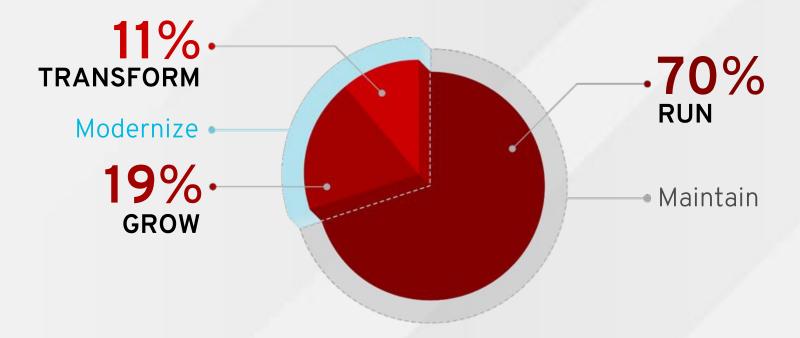
efficiency and reduced hardware footprint. High speed provisioning delivers in minutes instead of weeks, thanks to the agility of Red Hat Virtualization and unified management



Improved..

competitiveness, and customer satisfaction through improved time to market, by streamlining the flow of exciting new products

MAINTAIN AND MODERNIZE

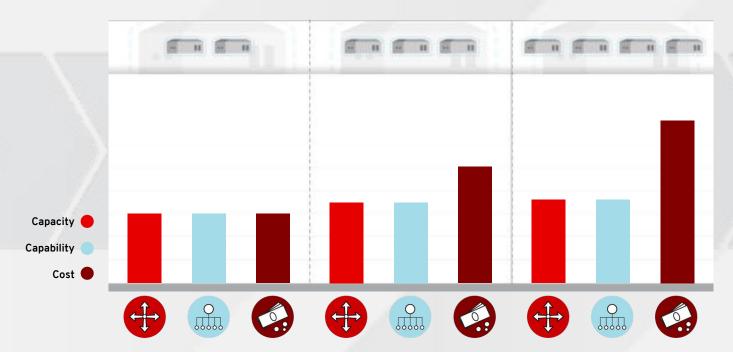


Source: Graph created by Red Hat based on Gartner research. Potter, Kurt, Sanil Solanki, and Ken McGee, Run, Grow and Transform the Business IT Spending: Approaches to Categorization and Interpretation. Gartner G00308477, 27 June 2016



STATUS QUO

Continually increasing costs, limited capacity, virtual machine only





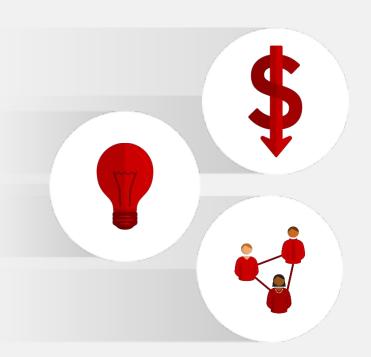
MODERNIZE AND MIGRATE

Decrease cost, increase capacity, embrace containers





INFRASTRUCTURE MIGRATION



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.

Source: Graph created by Red Hat based on Gartner research. Potter, Kurt, Sanil Solanki, and Ken McGee, Run, Grow and Transform the Business IT Spending: Approaches to Categorization and Interpretation. Gartner G00308477, 27 June 2016



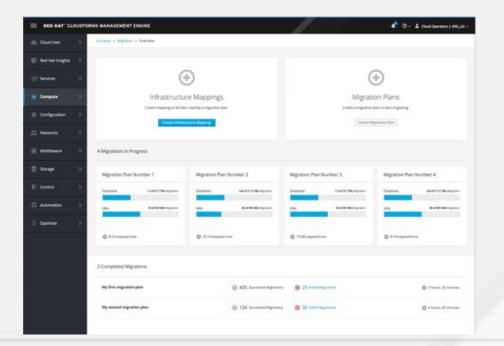


ACCELERATE THE MIGRATION JOURNEY

EASY TOOLING + STEP-BY-STEP PRESCRIPTIVE APPROACH

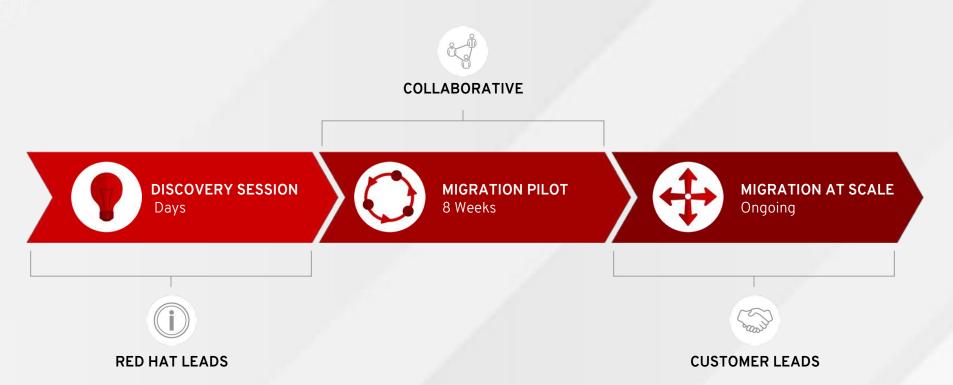


CloudForms Infrastructure Migration Capability
Online Demo





MIGRATION JOURNEY



CUSTOMER SUCCESS STORY



CRITICAL VIRTUALIZATION AND DEV/TEST

"We use Red Hat Virtualization to create our own cloud so that our developers can use it to build their own virtual machines and hence build and control environments as they wish."

RICHARD DAWSON

UNIX and Linux infrastructure consultant International Airlines Group

BENEFITS

- ▶ Prepare for future technologies without abandoning existing infrastructure investment
- ► Highly available infrastructure that can support 24/7 e-commerce traffic
- ▶ Internal cloud capabilities with a single pane of glass management console









REDUCED COST
AND INVESTED IN
DIGITAL TRANSFORMATION

INDUSTRY

Healthcare

SIZE

22 Hospitals and 1400 physicians at 185 clinics.

EXISTING INFRASTRUCTURE

1700 virtual machines on VMware vSphere

MIGRATION

CloudForms + Ansible to migrate to Red Hat Virtualization

PROBLEM

Enterprise License Agreement (ELA) posed significant price increases with little additional value.



As we look to the future, it was imperative that we be able to bring IT automation to all aspects of our business, and that our infrastructure was flexible enough to do so. After many considerations, an open source environment was the best option to support our needs. Red Hat has helped us in this transition, providing solutions with an automation -centric approach in mind that have helped to streamline operations and cut costs."

BRET LAWSON

DIRECTOR
INFRASTRUCTURE & OPERATIONS INTERMOUNTAIN HEALTHCARE



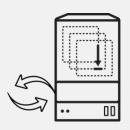


BENEFITS OF IMS

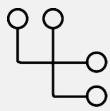
MIGRATE LARGE WORKLOADS IN A CONSISTENT WAY



Fast migration reduces cost



Migration at scale



Map resources



Automated migration reduces risk

https://red.ht/possibilities









Wrap-up: 6 PATHS TO MODERN INFRASTRUCTURE

BALANCING INNOVATION AND OPTIMIZATION

DIGITAL TRANSFORMATION CAN HELP YOUR BUSINESS SUCCEED.



Gain efficiency



Improve productivity



Increase agility

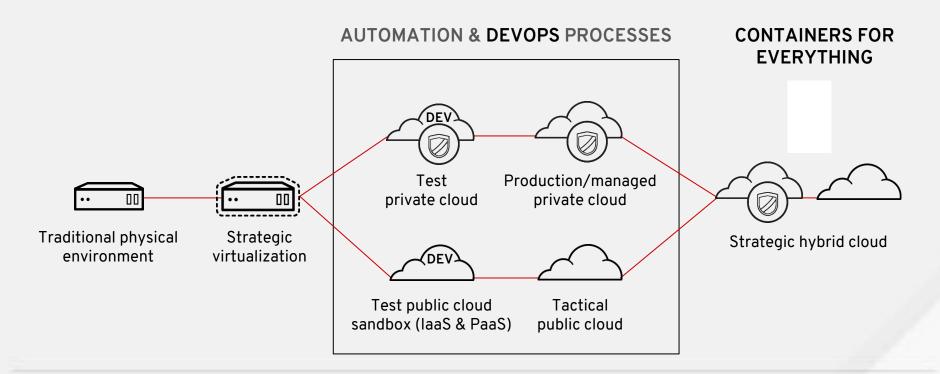


Move faster



IT'S A DIFFERENT JOURNEY FOR EVERYONE

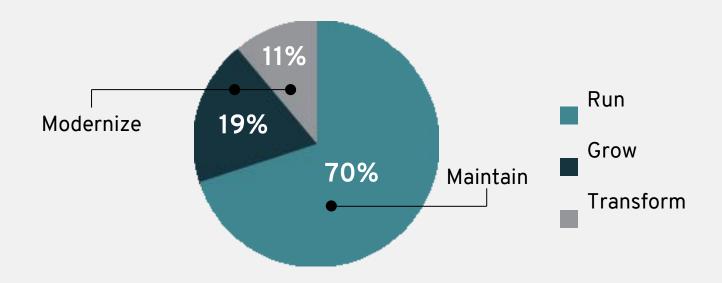
BUT HERE'S WHAT IT LOOKS LIKE FOR ONE FINANCIAL SERVICES CUSTOMER





MAINTAIN AND MODERNIZE

I.T. SPENDING TO RUN, GROW, AND TRANSFORM THE BUSINESS, CROSS-INDUSTRY

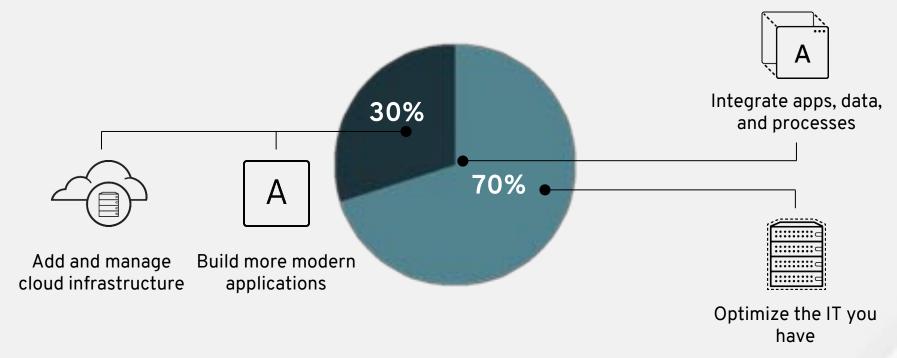






INNOVATION VS. OPTIMIZATION

THIS IS THE REALITY FOR MOST ORGANIZATIONS.







WHY RED HAT?



ABOUT RED HAT

More than

90%

of the

FORTUNE

500

use

Red Hat

PRODUCTS AND

SOLUTIONS*

~13,000

employees

85

offices

35

countries

S&P

500

company

NYSE:

RHT

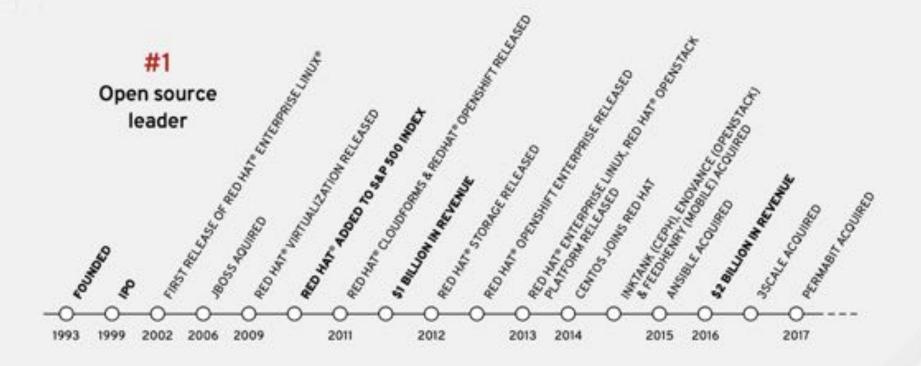
Award-winning solutions







RED HAT TIMELINE





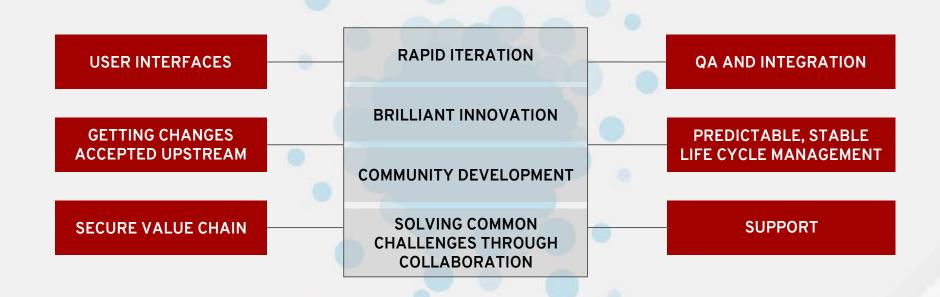


FROM COMMUNITY TO ENTERPRISE





IT'S ABOUT MORE THAN OPEN SOURCE

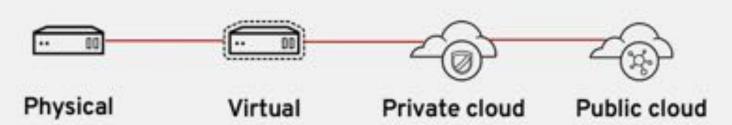




RED HAT'S VISION: OPEN HYBRID CLOUD

THIS IS THE REALITY FOR MOST ORGANIZATIONS.

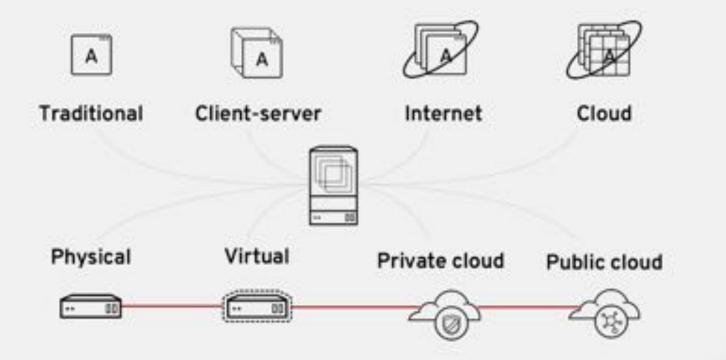
RED HAT ENTERPRISE LINUX





RED HAT'S VISION: OPEN HYBRID CLOUD

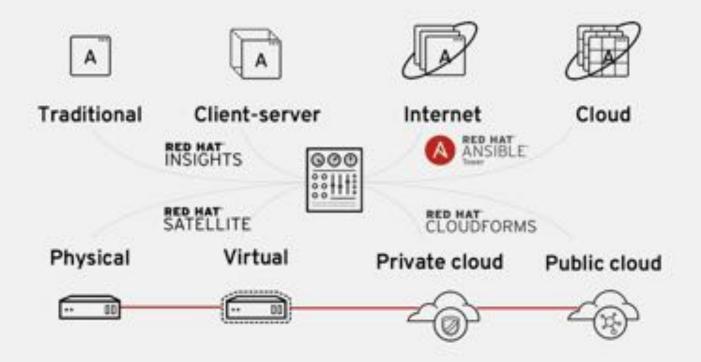
ALL KINDS OF APPS AND ENVIRONMENTS, INCLUDING CONTAINERS





RED HAT'S VISION: OPEN HYBRID CLOUD

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







A COMPLETE TECHNOLOGY STACK





IT'S ALL HERE







A ROBUST PARTNER ECOSYSTEM









COMPREHENSIVE SERVICES



TRAINING AND CERTIFICATION

- 40+ courses
- · Hands-on certifications and exams
- Automation with Ansible courses
- · Container-based app dev courses
- Red Hat® Learning Subscription



SUPPORT

- Award-winning Customer Portal
- Technical support, available 24x7
- · Automated, proactive support tools
- Strategic and technical roadmap planning
- Emerging technology support and guidance



CONSULTING

- Open solutions using Red Hat products
- · Architect, consultant, PM expertise
- Both process and IT alignment
- On-site or remote delivery
- · Hands-on mentoring



HARDWARE, SOFTWARE, AND CLOUD CERTIFICATION

- Hundreds of public cloud providers
- Thousands of hardware platforms
- Tens of thousands of applications
- Red Hat® Container Certification





THE TRANSFORMATION IS REAL

OUR CUSTOMERS REAP THE BENEFITS.



- Open architecture with OpenStack® and SDN
- Higher transaction volume and less downtime

amadeus

- Collaborative creation of cloud computing platform
- Automated, streamlined operations gets new apps to market faster





RED HAT IS EVERYWHERE

RED HAT® SOLUTIONS POWER LEADING ORGANIZATIONS.

100% of airlines in the Fortune Global 500 rely on Red Hat

100% of telcos in the Fortune Global 500 rely on Red Hat

100% of US executive departments rely on Red Hat

100% of financial data services companies in the US Fortune 500 rely on Red Hat

100% of commercial banks in the Fortune Global 500 rely on Red Hat





WHERE ARE YOU TODAY?

MORE IMPORTANTLY, WHERE DO YOU WANT TO BE TOMORROW?



Optimize existing IT you have



Integrate apps, data, and processes



Add and manage cloud infrastructure



Build more modern applications

Complete your survey, let us help you.



