HARNESSING OPEN HYBRID CLOUD

With Red Hat Enterprise Linux

Stefanie Chiras, Ph.D.
VP and GM, Red Hat Enterprise Linux
Red Hat
What we hear from customers

- Cloud is the new normal
- APIs are the future
- Finding talent is hard
- Complexity around maintenance & security
How important is enterprise open source to your organization’s overall enterprise infrastructure software strategy?

Source: (n=786) Research conducted by Illuminas for Red Hat, Enterprise open source research, August 2018.
Customers want Linux

#1 commercial Linux distribution in the public cloud is Red Hat Enterprise Linux

Source:
2. Most popular technology platforms, Stack Overflow, Developer Survey Results 2018 & Developer Survey Results 2017.
Customers want ultimate flexibility today and tomorrow
Build With the Future in Mind

Investments Clients Make Today Will Affect The Next 5-10 Years
Hybrid is the new datacenter

Everything-as-a-Service

Modern apps

Containers & microservices

ISV

PHYSICAL

VIRTUAL

PRIVATE CLOUD

PUBLIC CLOUD

RED HAT ENTERPRISE LINUX
Our community model

Customers

Communities

Partners, vendors, and ISVs

Red Hat
RED HAT’S PLATFORMS

RED HAT ENTERPRISE LINUX  |   RED HAT OPENSTACK PLATFORM  |  OPENSHPIFT

RED HAT® OPENSTACK® PLATFORM
Flexible private cloud for ecosystem products and services

RED HAT® OPENSHPIFT
Open hybrid cloud for container and microservices orchestration

RED HAT® ENTERPRISE LINUX®
The core of Red Hat Enterprise Linux for Red Hat OpenShift Container Platform customers
The three pillars of our business

**OPEN HYBRID CLOUD**

**Hybrid cloud infrastructure**
Infrastructure software across the four footprints with Red Hat Enterprise Linux at the very core.

**Cloud-native development**
Software to rapidly and efficiently develop and deploy apps across hybrid cloud.

**Management and automation**
Software to simplify management and automation of hybrid cloud environments.
Every product and partnership is aligned with that vision.
Red Hat
Enterprise Linux 8
Linux® is the foundation

Digital transformation can only be achieved with Linux.

Red Hat Enterprise Linux provides an intelligent OS that is the consistent foundation for the enterprise hybrid cloud. It allows you to deliver any application on any footprint at any time, giving you control, confidence, and freedom.
Run your business better

Intelligent operating system

Faster and easier to deploy
- Bare Metal
- Hypervisors
- Public Clouds
- Private Clouds

Enterprise application support
- SAP
- Microsoft

Security
Red Hat Enterprise Linux* + Red Hat Insights

- Automated remediation
- Predictive IT analytics
- Risk assessment

*ALL currently supported versions
Grow your business with innovation

Open hybrid cloud, multi-cloud

Containers
- Kernel
- RunC
- Podman
- Images

Open source innovation

More choice
More versions of the open source tools and frameworks developers need

Newer versions
Provides access to newer versions as they stabilize

Simpler access
Maintains standard locations for tools and libraries

DevOps
- timesync
- network
- SELinux
- web server
- dbserver
Delivering a trusted ecosystem
## Value of a Red Hat subscription

<table>
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<th>Access</th>
<th>Advocacy</th>
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<tbody>
<tr>
<td>Open source enterprise software</td>
<td>Visibility and influence over Red Hat Enterprise Linux roadmap</td>
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<td>Emerging open source technologies</td>
<td>Customer needs in open source projects</td>
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<td>10+ years supported life cycle</td>
<td>Hardware, software, and cloud provider partnership</td>
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<td>Support and expertise</td>
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### SECURITY RESOURCES

### SECURITY NEEDS
**Red Hat universal base image**

**Why?** Because containers ARE Linux. Developers and software vendors include Linux code *inside* the container. This enables a container ecosystem that when run on OpenShift, delivers a Red Hat Enterprise Linux experience.

**What?** A subset of Red Hat Enterprise Linux that is freely available and redistributable, driving standardization on container (or base) images that are “Red Hat Enterprise Linux-ready.”
Red Hat Enterprise Linux CoreOS

An immutable host based on RHEL
Combines the innovations of Container Linux and Atomic with the stability and ecosystem of RHEL

Integrated and only delivered w/ OpenShift

- Small footprint, ~400 RHEL packages
- Fast provisioning: clusters deploy in minutes
- Cluster-centric over-the-air updates & upgrades
- Managed and automated via operators

APPLICATION/SERVICE
Red Hat Enterprise Linux Application Binary Interface (ABI)

kubelet   cri-o   ignition
kernel    systemd  SELinux
Red Hat Enterprise Linux 8 and developers

- Choice of frameworks
- Compatibility best practices
- Developing on containers
Red Hat’s broad portfolio and ecosystem delivers the industry’s only true open hybrid cloud.
ANY APPLICATION.
ALL FOOTPRINTS.
NO LOCK-IN.
Thank you

Red Hat is the world’s leading provider of enterprise open source software solutions.
Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500.