



Montreal RHUG

April 22th 2014

Red Hat - News

Red Hat Summit 2014

~4200 participants

~20 participants Québec

~100 participants Canada

Videos available

<https://www.youtube.com/channel/UC9CjkhQp1jX8Hbtbg6OZ9dw>

keynotes from Paul Cormier and HP

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Red Hat Enterprise Linux 7 Release Candidate Now Available

April 15, 2014

By the Red Hat Enterprise Linux Team

In December 2013, we [announced](#) the [beta availability of Red Hat Enterprise Linux 7](#), describing it as our most ambitious release to date and a platform that we believe represents the future of IT. Red Hat Enterprise Linux 7 builds upon our reputation for delivering the foundation of next-generation IT infrastructure, as no other Linux operating system combines the flexibility and stability needed to handle critical workloads across all environments with as extensive an ecosystem of solutions and support. Red Hat Enterprise Linux 7 is designed to provide the underpinning for future application architectures while providing the flexibility, scalability, and performance needed to deploy across bare metal systems, virtual machines, and cloud infrastructure.

The beta release has been an amazing success. Since we began last December, we've had thousands of customers using the Red Hat Enterprise Linux 7 beta, and tens of thousands of beta downloads. In addition to the public beta program, we undertook a high-touch beta program, where select customers

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RED HAT NEWS

Press, announcements, and more.

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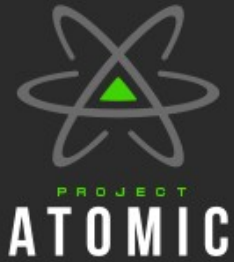
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docker



Deploy and Manage Your **Docker** Containers.

Project Atomic integrates the tools and patterns of container-based application and service deployment with trusted operating system platforms to deliver an end-to-end hosting architecture that's modern, reliable and secure.

Cloud images are available for download, supporting VirtualBox, QEMU/KVM and OpenStack. Support for bare metal installation is coming.

 **GET STARTED** →

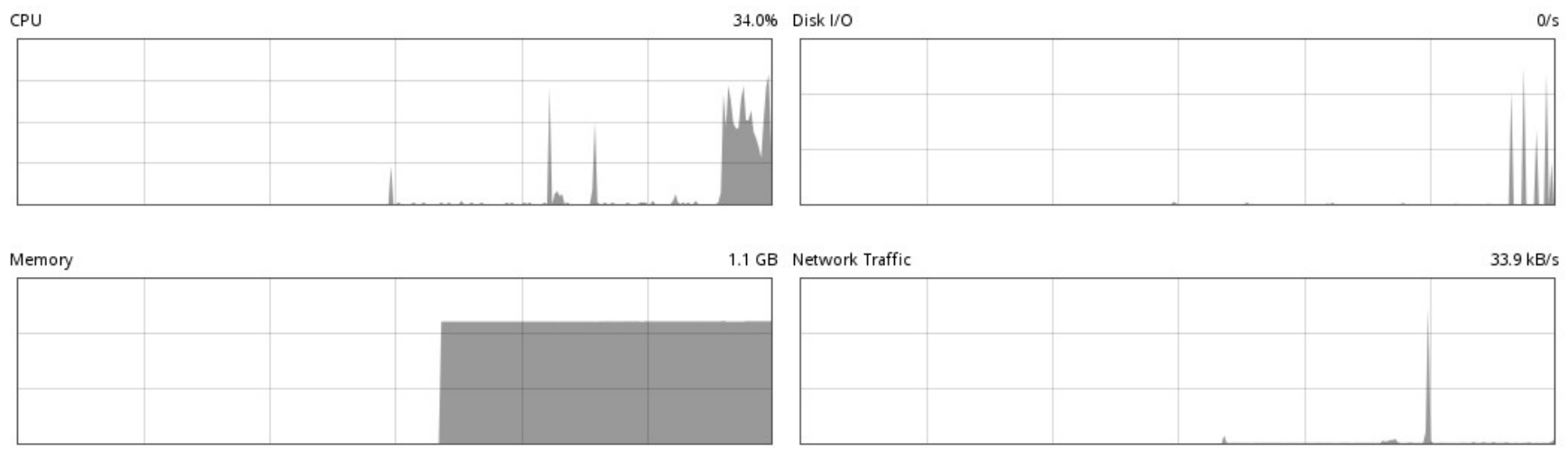
Trusted Distributions, Atomic Updates

An Atomic Host is a lean operating system designed to run Docker containers, built from upstream CentOS, Fedora, or Red Hat Enterprise Linux RPMs. It provides all the benefits of the upstream distribution, plus the ability to perform atomic upgrades and rollbacks — giving the best of both worlds: A modern update model from a Linux distribution you know





- System Information
- System Services
- Journal
- Networking
- Storage
- User Accounts
- Containers
- Shutdown & Reboot



All

localhost

Containers

Search

Combined CPU usage

0%

Combined memory usage

Containers

All ▾

Name	Image	Command	CPU	Memory	
boring_engelbart	fedora:20	/bin/echo uname -a			Stopped ▶
stupefied_franklin	fedora:20	uname -a			Stopped ▶

Images

Tags	Created	Virtual Size	
base/arch:2014.04.01 base/arch:latest	Sun 20 Apr 2014 06:21:55 PM EDT	<div style="width: 60%;"></div>	264.3 MIB ▶
fedora:20 fedora:heisenbug fedora:latest	Wed 09 Apr 2014 02:16:48 PM EDT	<div style="width: 85%;"></div>	355.4 MIB ▶
fedora:rawhide	Wed 09 Apr 2014 02:17:52 PM EDT	<div style="width: 80%;"></div>	342.7 MIB ▶



April 21, 2014

Errors

Warnings

Notices

All

-- End of Journal, waiting for more --

April 21, 2014

cockpit-ws: localhost: No handler for received message in channel 11, closing

cockpit-ws: Error processing request: Error reading request line: Peer failed to perform TLS handshake (g-tls-error-quark, 3)

NetworkManager: nm_utils_get_ip_config_method: assertion 's_ip6 != NULL' failed

NetworkManager: file devices/nm-device.c: line 7226 (nm_device_remove_pending_action): should not be reached

NetworkManager: file devices/nm-device.c: line 7175 (nm_device_add_pending_action): should not be reached

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NetworkManager: file devices/nm-device.c: line 7175 (nm_device_add_pending_action): should not be reached

NetworkManager: <error> [1398088622.378246] [platform/nm-linux-platform.c:1596] link_change(): Netlink error: No such device







NetworkManager: nm_utils_get_ip_config_method: assertion 's_ip6 != NULL' failed

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fedora:rawhide	Wed 09 Apr 2014 02:17:52 PM EDT	
ubuntu:10.04 ubuntu:lucid	Wed 09 Apr 2014 02:29:01 PM EDT	
ubuntu:12.04 ubuntu:latest ubuntu:precise	Wed 09 Apr 2014 02:28:40 PM EDT	
ubuntu:12.10	Wed 09 Apr 2014 02:29:52 PM EDT	



Dell and Red Hat team up for Openstack Cloud Solution

Extends partnership to PaaS and container products

By **Chris Merriman**

Thu Apr 17 2014, 15:05



THE DELL RED HAT CLOUD SOLUTION, a co-engineered, enterprise grade private cloud, was unveiled at the Red Hat Summit on Thursday.

The Openstack-based service also includes an extension of the Red Hat partnership into the Dell Openshift Platform as a Service (PaaS) and Linux Container products.

Dell and Redhat said their cloud partnership is intended to "address enterprise customer demand for more flexible, elastic and dynamic IT services to support and host non-business critical applications".

The integration of Openshift with Redhat Linux is a move towards container enhancements from Redhat's Docker platform, which the companies said will enable a write-once culture, making programs portable across public, private and hybrid cloud environments.

Paul Cormier, president of Products and Technologies at Red Hat said, "Cloud innovation is happening first in open source, and what we're seeing from global customers is growing demand for open hybrid cloud solutions that meet a wide variety of requirements."

Sam Greenblatt, VP of Enterprise Solutions Group Technology Strategy at Dell, added, "Dell is a long-time supporter of Openstack and this important extension of our commitment to the community now will include work for Openshift and Docker. We are building on our long history with open source and will apply that expertise to our new cloud solutions and co-engineering work with Red Hat."

Dell Red Hat Cloud Solutions are available from today, with support for platform architects available from Dell Cloud Services.



RED HAT SUMMIT 2015

BACK TO BOSTON

Join us for the 2015 Red Hat Summit,
June 23-26 in Boston, MA.



Introducing kpatch: Dynamic Kernel Patching

Posted on [February 26, 2014](#) by [Josh Poimboeuf](#) and [Seth Jennings](#)

In upstream development news, the kernel team here at Red Hat has been working on a dynamic kernel patching project called kpatch for several months. At long last, the project has reached a point where we feel it's ready for a wider audience and are very excited to announce that we've released the [kpatch code](#) under GPLv2.

kpatch allows you to patch a Linux kernel without rebooting or restarting any processes. This enables sysadmins to apply critical security patches to the kernel immediately, without having to wait for long-running tasks to complete, users to log off, or scheduled reboot windows. It gives more control over uptime without sacrificing security or stability.

How it Works

With respect to granularity, kpatch works at the function level; put simply, old functions are replaced with new ones. It has four main components:

LINKS:



**RED HAT ENTERPRISE
LINUX 7 BETA**
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- [Live from the Summit: All hands on cloud with Red Hat CEO](#)
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Satellite Python API
Louis-Philippe Ouellet
Unix System Administrator at CN

Bonjour a tous!
Hier je devais cloner deux base channels et leurs 7 enfants; je me sentais paresseux et donc j'ai trouvé un API et une série de scripts sur GitHub qui sont pas mal du tout. Il y a des petits bugs mineurs, mais les tests que j'ai ...



[lanky \(Stuart Sears\) github.com](#)
lanky has 14 repositories written in Python, JavaScript, and Shell. Follow their code on GitHub.

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Questions?