

# AGENDA RHUG VILLE DE QUÉBEC 11 JUIN 2014

## SPÉCIAL : NUAGE INFORMATIQUE

- 13:00 – 13:10 Annonces et nouvelles Red Hat ::Michael Lessard, Red Hat
- 13:10 – 14:10 Introduction à OpenStack avec Red Hat Enterprise Linux Openstack Platform (RHOS) + démonstration :: Marco Berubé, Red Hat)
- 14:10 – 14:20 Nouvelles de l'Openstack Summit ::Jonathan Le lous, Savoir Faire Linux
- 14:20 – 14:30 Pause
- 14:30 – 15:15 Introduction au Software Define Network avec Open vSwitch + démonstration, :: Sylvain Lavoie, Desjardins)
- 15:15 – 16:00 Introduction au Cloud Management/Orchestration avec Cloudform + demonstration (par Marco Berubé, Red Hat)





# RHUG Ville de Québec

June 11<sup>th</sup>, 2014

## Red Hat – News

Michael Lessard, RHCA

 michaellessard

A high-angle photograph of the Golden Gate Bridge in San Francisco, California. The bridge's iconic orange-red towers and suspension cables are prominent, extending across the blue water of the bay. The city skyline is visible in the distance under a clear blue sky.

# Red Hat Summit 2014

~4200 participants

~20 participants Québec

~100 participants Canada

Videos available

<https://www.youtube.com/channel/UC9CjkhQp1jX8Hbttbg6OZ9dw>

keynotes from Paul Cormier and HP

# RED HAT SUMMIT 2015

## BACK TO BOSTON

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





# RED HAT ENTERPRISE LINUX 7

## ON JUNE 10, WE REDEFINED THE ENTERPRISE OS

[LEARN MORE](#)**RECENT NEWS**[June 10, 2014: Red Hat Enterprise Linux 7 – Setting World Records At Launch](#)[PRODUCTS](#)[SOLUTIONS](#)[SUPPORT](#)[TRAINING](#)[CONSULTING](#)

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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** →

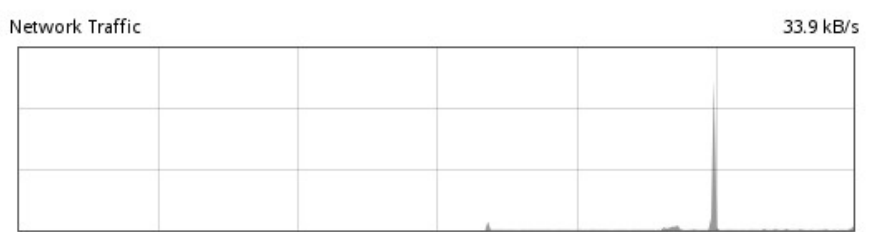
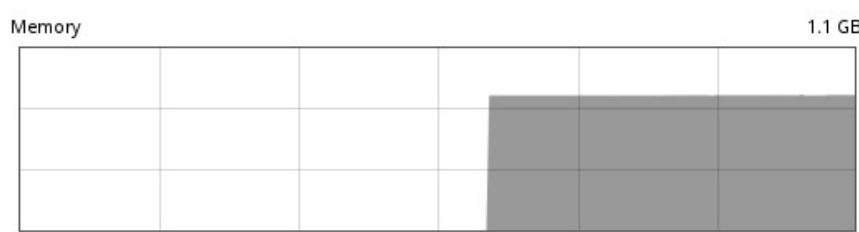
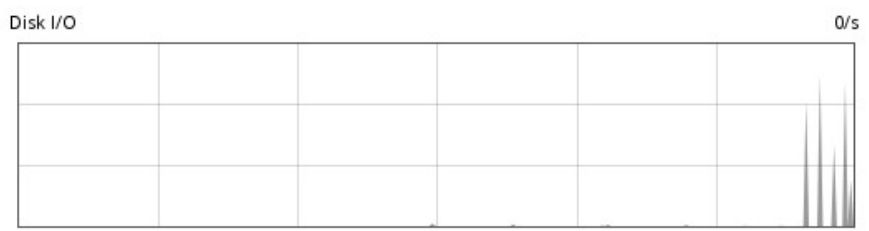
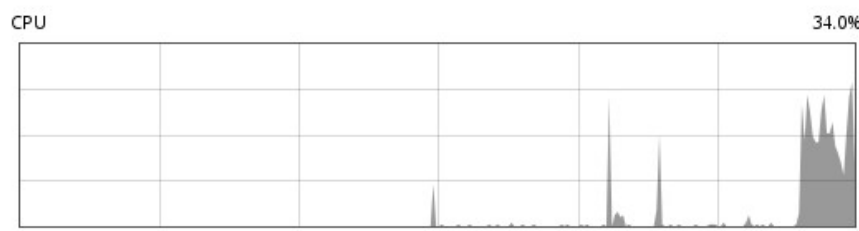
### Trusted Distributions, Atomic Updates

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

NetworkManager: nm\_utils\_get\_ip\_config\_method: assertion 's\_ip6 != NULL' failed

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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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Images

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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	



## 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**  
Download now.

#### RECENT POSTS:

- [Red Hat Summit 2014: Interview with Tim Burke \(VP of Infrastructure Engineering\)](#)
- [Red Hat Enterprise Linux 7 Release Candidate & Red Hat Enterprise Linux Atomic Host](#)
- [Live from the Summit: All hands on cloud with Red Hat CEO](#)
- [Mitigate TCP SYN Flood At-](#)





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September

October

November

December

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2012

2011

# Red Hat Deepens Collaboration with SAP on SAP® Data Management Portfolio, Launches Red Hat Enterprise Linux for SAP HANA®

Raleigh

NC, Global, June 2, 2014

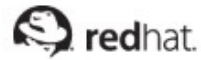
Red Hat Enterprise Linux now available across the entire SAP® Data Management Portfolio

**RALEIGH, N.C. - June 2, 2014** – Red Hat, Inc. (NYSE: RHT), the world's leading provider of open source solutions, today announced an expansion of the company's strategic alliance with SAP AG to make it easier for customers to adopt and run the SAP® Data Management portfolio, including the SAP HANA® platform, SAP Adaptive Server® Enterprise (SAP ASE), SAP IQ software, and the SAP SQL Anywhere® suite on Red Hat's open source solutions. The expanded collaboration is expected to enable real-time, in-memory innovation by providing an open, scalable, integrated and highly-available platform for solutions from SAP along with those that are custom-built in an effort to expand customer choice when it comes to fueling business performance and helping enterprises realize increased value from cloud computing and big data.

As the foundation of the enhanced partnership, Red Hat Enterprise Linux is now available and qualified for production use of SAP HANA and supported by certified SAP certified business solutions. SAP HANA



9 Real Apps, 70 App Ideas - See apps built by companies like ADP and get ideas to develop your own.



## Red Hat User Group - Quebec City

a subgroup of **Red Hat Canada Group**



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**Martial Bigras**

Linux System Administrator (Consultant) chez Aimia Inc

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### Rencontre RHUG ville de Québec la semaine prochaine

**Michael Lessard**

Senior Solutions Architect at Red Hat

Un rappel que la prochaine rencontre du RHUG de la ville de Québec aura lieu mercredi prochain, le 11 juin, au Montego.

Pour vous inscrire, c'est ici : <https://engage.redhat.com/content/rh-user-group-fr-e-201403211100>Openstack, open vSwitch ...

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# What was introduced in RHSCCL 1.0?

## Languages:

- Ruby 1.9.3 with Rails 3.2.8
- node.js 0.10 (Tech. Preview)
- Python 2.7
- Python 3.3
- PHP 5.4
- Perl 5.16

## Databases:

- MySQL 5.5
- MariaDB 5.5
- PostgreSQL 9.2

- Up-to-date versions of languages and databases as compared to base Red Hat Enterprise Linux
- Packaged with Software Collections (SCL)
- Support for RHEL6 x86\_64 only



# What's new in RHSCCL 1.1?

## Languages:

- Ruby 2.0
- Rails 4.0
- PHP 5.5

## Web Servers:

- Apache HTTPD Server 2.4
- Nginx 1.4.4 (Tech. Preview)

## Java JVM Monitoring:

- Thermostat 1.0

## Databases:

- MongoDB 2.4

- Also: enhancements that simplify the extension of software collections through the use of dependent collections
- **Focus for RHSCCL 1.1: Modern Web Application Servers**
- Support for RHEL6 x86\_64 only





# PROCHAIN RHUGS

Montreal, 29 septembre 2014, 14:00 – 18:00  
Bier Markt



Québec, 30 septembre 2014, 14:00 – 18:00  
Montego





**CONFÉRENCIER INVITÉ**  
**Daniel Walsh**

Senior Principal Software Engineer, SELinux lead developer

<http://danwalsh.livejournal.com/>

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