



# RHUG QUÉBEC

25 février 2021

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# AGENDA

## **13:00 - 13:15**

Introduction et les nouvelles Red Hat :: Michael Lessard, Dan Dobrescu et Pierre Blanc, Red Hat

## **13:15 - 13:55**

Présentation et démonstration de Container-native Virtualization (CNV) :: Martin Ouimet, Red Hat

## **13:55 - 14:35**

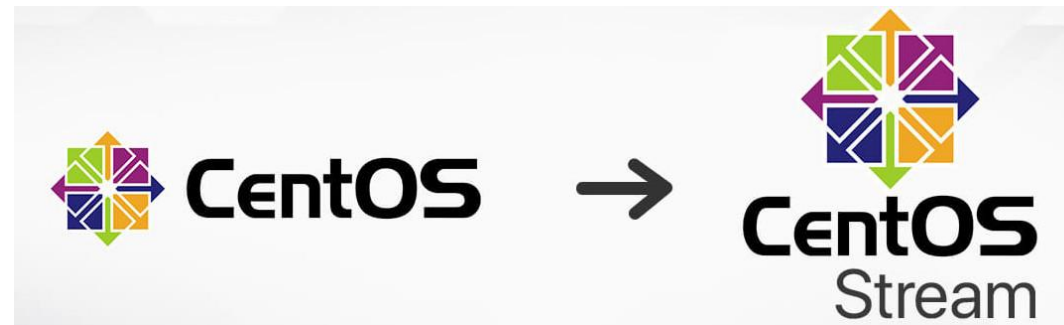
Déploiement d'Ansible automation hub localement :: Daniel Leroux, Red Hat

## **14:35 - 15:15**

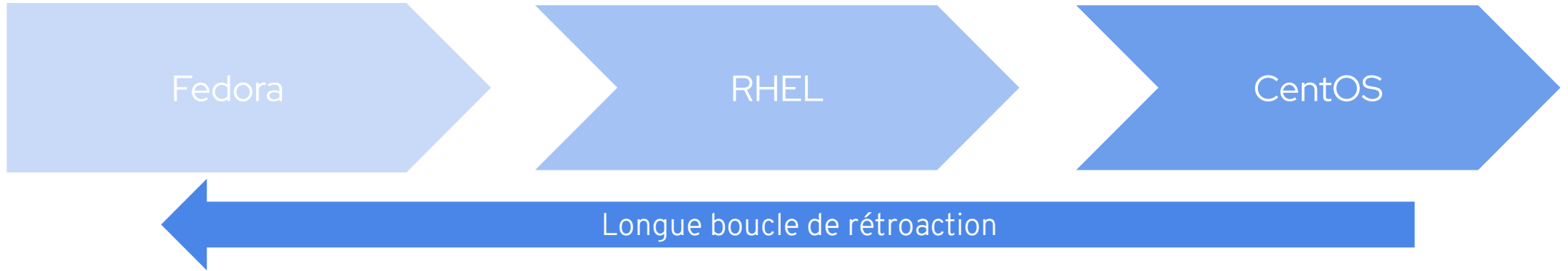
Migration de Springboot vers Quarkus :: Ralph Nasrallah, Red Hat

# MISE À JOUR SUR CENTOS

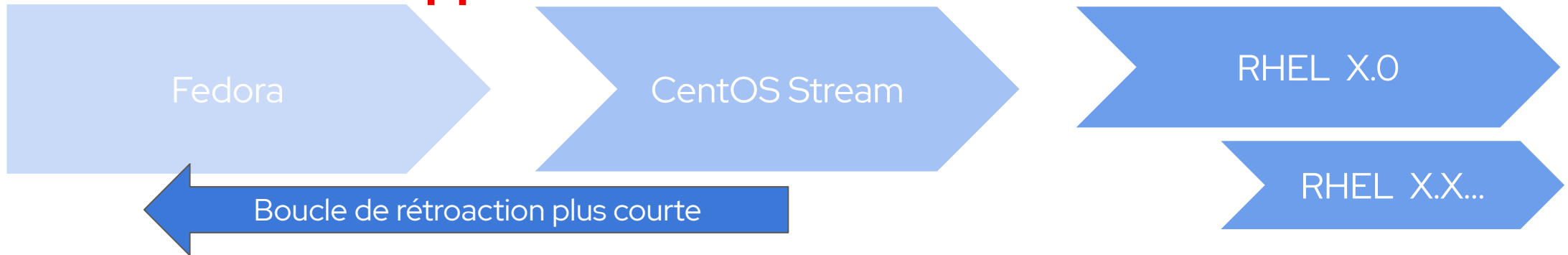
- ★ Annoncé le 8 décembre 2020  
<https://www.redhat.com/en/blog/centos-stream-building-innovative-future-enterprise-linux>
- Red Hat et le communauté CentOS changent le focus pour passer de CentOS à CentOS Stream, à partir du 31 décembre 2021
  - CentOS 7 (EOL : 30 juin 2024)
  - CentOS 8 (EOL : 31 décembre 2021)
  - CentOS 9 (ne verra pas le jour)



## Modèle de développement CentOS



## Modèle de développement CentOS Stream



# Les options pour les utilisateurs de CentOS

## 1er option : Passage vers CentOS Stream

```
$ sudo dnf update
$ sudo dnf install centos-release-stream
$ sudo dnf swap centos-{linux,stream}-repos
$ sudo dnf distro-sync
```

## 2ième option : Passage vers RHEL\*

```
$ yum install -y https://github.com/oamg/convert2rhel/releases/download/v0.17/convert2rhel-0.17-1.el7.noarch.rpm
$ sudo yum update -y && sudo reboot
$ convert2rhel --username <username> --password <password> --pool <pool_id>
```

<https://access.redhat.com/articles/2360841>

\* Mais combien ça va me coûter ?



Facebook et CentOS

<https://www.youtube.com/watch?v=EajAjFCZz4Q>

# MISE À JOUR SUR RHEL DEVELOPER

No-cost Red Hat Enterprise Linux for individual developer use

## Red Hat Developer Subscription

- For **individual members** of the Red Hat Developer program
- Single subscription for an individual using up to **16 physical or virtual nodes**
- New: Expanded to allow many individual purposes: development, demos, prototyping, QA, small production uses, and on major public clouds (AWS, Google Cloud Platform, Microsoft Azure, IBM Cloud)
- Self-supported
- Available self-service through the [Red Hat Developer program](#).

No-cost Red Hat Enterprise Linux for customer development teams

## Red Hat Developer Subscription for Teams

- **New: For customer organizations, available exclusively from a Red Hat sales associate**
- Single organizational subscription for up to 25,000 physical or virtual developer nodes
- Used for development (not production) by customers
- Self-supported
- **New: Paid support add-on available for RHEL development questions**
- **New: High-touch onboarding available for select opportunities via the Red Hat Developer program team (determined by the sales associate)**

No-cost Red Hat Enterprise Linux for partners developing RHEL applications

## Red Hat Partner Connect

- For all Red Hat Partner Connect participants
- Easy access to free Red Hat software
- Access to Red Hat technical expertise
- Partnership opportunities
- Available through the [Red Hat Partner Connect](#) program.
- **Unchanged, continues as is**

No-cost for open source projects and other organizations that support the production of open source software  
(Feb 25, 2021 )

## RHEL for Open Source Infrastructure subscriptions

- Non-profit organizations
- <https://www.redhat.com/en/blog/extending-no-cost-red-hat-enterprise-linux-open-source-organizations>

Which Linux platform/program is right for the CentOS developer?

Platforms & Programs	Fedora (free, self-service)	CentOS Stream (free, self-service)	<a href="#">Red Hat Developer Subscription</a> (no-cost self-service; no paid support option)	Red Hat Developer Subscription for Teams (no-cost self-service w/ paid support option)	<a href="#">Red Hat Partner Connect Program</a> (paid, with support options)	RHEL UBI	RHEL support subscription (paid)
Operating System development and desktop use cases	✓						
Hassle-free and secure OS for an individual's home lab			✓				
Dev to ensure RHEL compatibility			✓				
Dev & CI/CD to ensure RHEL+1 compatibility		✓					
Developing containerized applications						✓	
Participate in RHEL development		✓					
<b>Running production workloads</b>							✓
Developing software for resale or hardware					✓		
Customer orgs with dev teams developing on RHEL, need a paid support option for development questions				✓			

# ABONNEMENTS RHEL

RHEL for Server : 2 machines virtuelles ou 2 sockets

RHEL for Datacenter : machines virtuelles illimités par 2 sockets



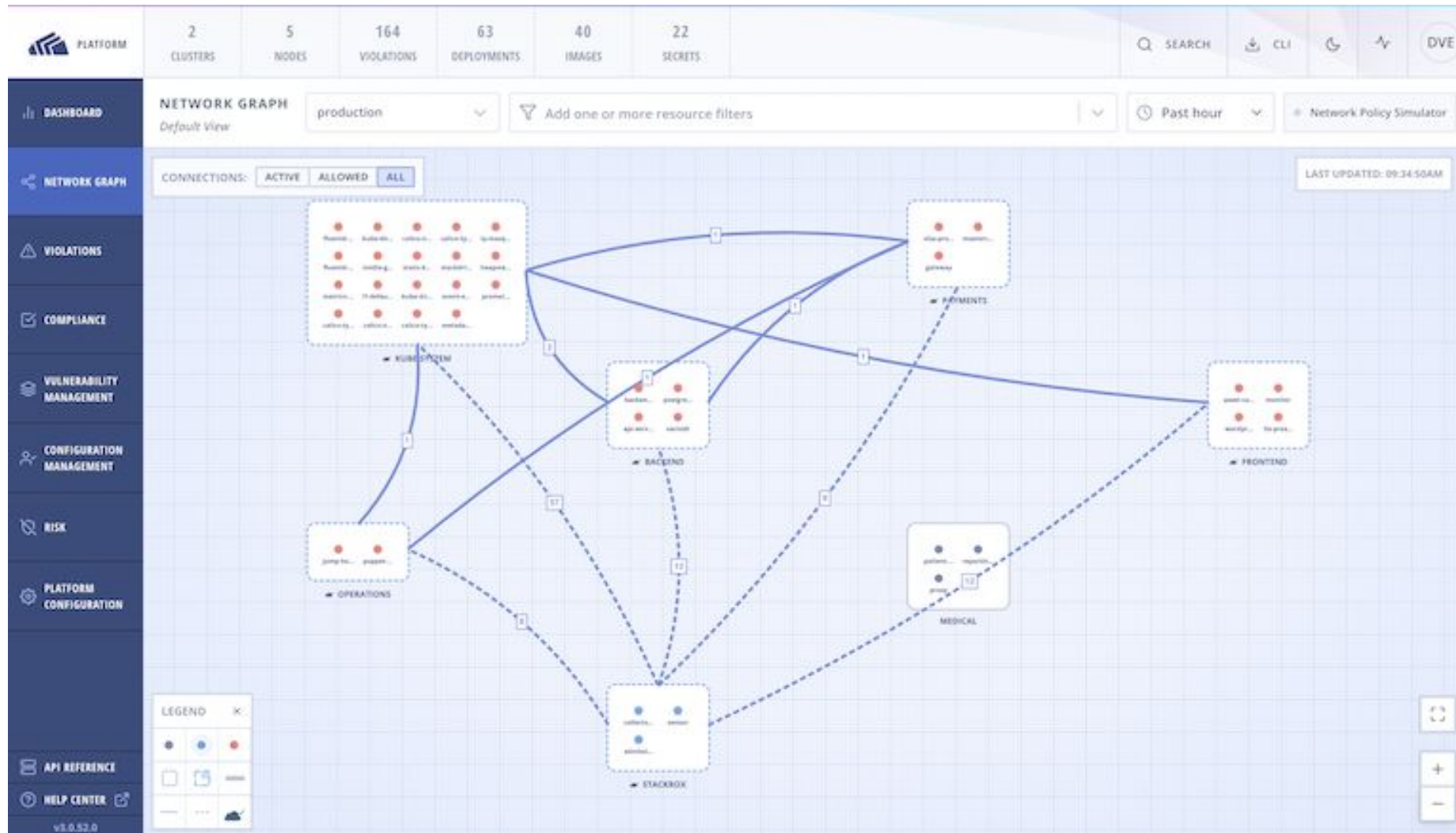
## OPENSIFT 4.7 GA



- Kubernetes 1.20
- Monitor Application Workload
- Assisted Installer (TP)
- GitOPS - Argo CD (TP)
- Automatically scale pod based on Memory utilization
- OpenShift Compliance Operator

# RED HAT ACHÈTE STACKROX

StackRox offre la prochaine génération de sécurité des conteneurs, avec une architecture native Kubernetes



# PROCHAINS ÉVÈNEMENTS

- Red Hat Summit 2021 :: 27-28 avril et 15-16 juin  
Pour vous inscrire gratuitement : <http://red.ht/3khzsZH>
- Ansible meetup :: 18 mars, 15:00 - 17:15 (<https://www.meetup.com/fr-FR/Ansible-Montreal/>)
- Ceph meetup :: 22 mars, 17:00 - 18:45 (<https://www.meetup.com/Ceph-Montreal/>)
- Red Hat Canada Developer Day :: 3 - 4 mars 2021  
Pour vous inscrire : <https://red.ht/3dDmyE6>
- Twitch chaque vendredi midi 1 fois par mois  
Diffusion : <http://twitch.tv/michaellessard>  
Archives : [http://bit.ly/youtube\\_ml](http://bit.ly/youtube_ml)

# Merci !

Red Hat est le premier fournisseur mondial de solutions logiciels libres pour entreprises. Des services d'assistance, de formation et de conseil primés. Red Hat est un conseiller de confiance pour le Fortune 500.



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