

DON'T MISS



SGBT abandonne son mainframe Posted 42 days ago

[Home](#) > [News](#) > [Actualité](#) > Big Bang with Hybrid Cloud at CERN

## Big Bang with Hybrid Cloud at CERN

By Raphael Henry on July 1, 2013



20 façons de mieux publier, gérer & protéger les API



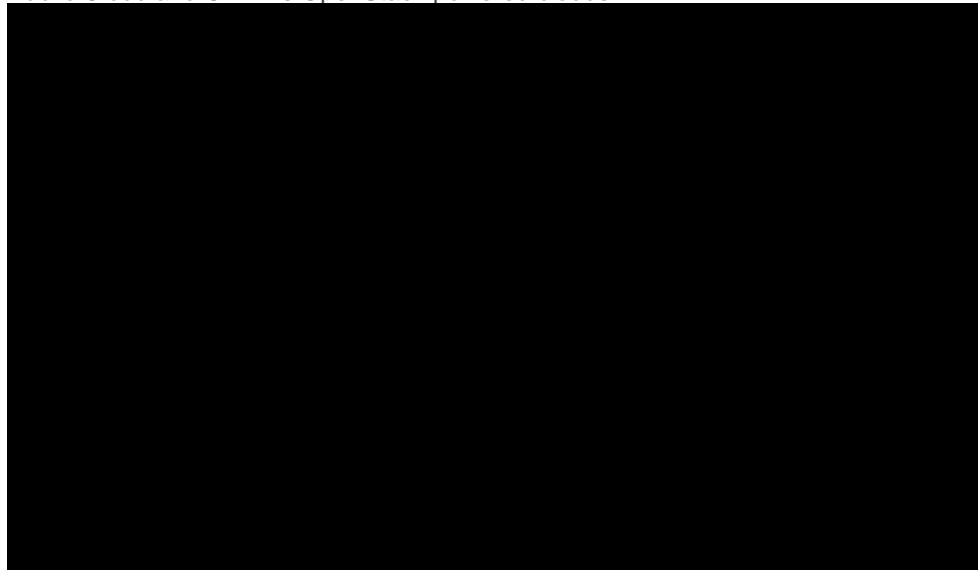
### OpenStack Founder Rackspace Joins CERN openlab as a Contributor

Rackspace Hosting, the open cloud company, has entered into a contributor agreement with [CERN openlab](#). During the year-long collaboration, Rackspace will deliver a hybrid cloud solution featuring its public and private clouds powered by OpenStack to help CERN advance its mission by enabling more in-depth research into the origins of the universe.

“This is a landmark moment for Rackspace, as we feel this is an opportunity to take our already mutually beneficial relationship with CERN to new heights”

**Tim Bell (pictured), infrastructure manager in the IT department at CERN**

CERN openlab provides a framework to test and validate cutting-edge information technologies and services in partnership with industry at CERN, the European Organization for Nuclear Research. The new technology partnership with Rackspace will entail several joint initiatives, focused on creating a reference architecture and operational model for federated cloud services between the Rackspace Private Cloud, Rackspace Public Cloud and CERN’s OpenStack powered clouds.



“This is a landmark moment for Rackspace, as we feel this is an opportunity to take our already mutually beneficial relationship with CERN to new heights,” said **Jim Curry, SVP and general manager of Rackspace Private Cloud**. “Through ongoing collaboration with CERN openlab, we will broaden the global reach of our hybrid cloud solutions, while simultaneously helping to set the pace of innovation within the field of particle physics.” CERN physicists and engineers use advanced science and technology daily to further humanity’s understanding of the universe. This includes conducting ground-breaking experiments to study the basic constituents of matter – the fundamental particles. By using some of the largest and most powerful particle accelerators in the world, including its Large Hadron Collider (LHC), CERN produces more than 25 petabytes of data annually. CERN is leveraging OpenStack software to manage the resources across its two data centres that power the LHC and to literally help unlock the mysteries of the universe.

Rackspace previously delivered a solution that would allow CERN to burst workloads into its public cloud. Through the new collaborative agreement, the Rackspace Private Cloud platform will now be deployed onto servers that CERN utilizes for production physics experiments. Rackspace and CERN openlab will test and ensure the seamless federation between private and public cloud platforms to accommodate excess workloads, and to experience the true value of the hybrid cloud.

The expanded relationship consists of certain key elements such as:

Federated Cloud Services based on OpenStack Cloud Technologies – Rackspace will work with CERN openlab to federate CERN’s current managed services into Rackspace’s open public and private cloud environments.

Personnel Support – Rackspace will fund one full-time member of the CERN personnel team, who will help create cloud federation technologies.

“We have just celebrated the 20th anniversary of CERN’s decision to make its World Wide Web software freely available. We definitely see great value in open source technologies like OpenStack. They foster continuous technological improvements through community contributions, while also giving us the ability to quickly address challenges, such as massive scaling, by leveraging the work of others,” said **Tim Bell, infrastructure manager in the IT department at CERN**. “We’re excited to partner with Rackspace in the CERN openlab framework, as we look for ways to accelerate our innovation on top of an OpenStack-based hybrid cloud.”

Rackspace, the art of the cloud

See the why Rackspace Hosting, the open cloud company, it has been positioned by Gartner as a leader in the Leaders quadrant of the “**Magic Quadrant for Managed Hosting in North America**.”

Partager : [LinkedIn](#) [Twitter](#) [Facebook](#) [Google +1](#) [Email](#)

[CERNCloudfeaturedopensourceOpenStackrackspace](#)

[Feu d'artifice pour BILnet et BILnet Mobile](#)

[Les derniers articles](#)

[EMC renforce RSA en acquérant Aveksa, le spécialiste de l'IAM](#)

EMC Corporation a racheté Aveksa, un spécialiste des solutions professionnelles...  
Posted 2 days ago

0

[Banco Itau à Miami et Nassau, choisissent le CRM luxembourgeois de Jiway](#)

Banco Itau (filiales de Miami et Nassau) ont choisi leur...

Posted 3 days ago

0

[System Solutions and Axios Systems join forces to offer on-demand IT Service Management in Luxembourg](#)

Axios Systems, a leading provider of IT Service Management (ITSM)...

Posted 6 days ago

0

[Upgrading Your Skills to MCSA Windows Server 2012](#)

Vous maîtrisez Windows Server 2008 et vous souhaitez améliorer vos...

Posted 6 days ago

0

[Accenture and Avanade Alliance Partner of the Year of Microsoft](#)

Accenture, the management consulting, technology services and outsourcing company, and...

Posted 7 days ago

0



[Every Business is a Digital Business Clearstream achieves high performance pricing using GAIN](#)

Clearstream has gone live with an upgrade of GAIN from...

Posted 21 hours ago

0

[Le staff IT, à composer en équipe](#)

Dans le cadre de sa Salary Survey, le cabinet de...

Posted 2 days ago

0

[Bank Leumi Luxembourg live avec ImPressio et Kynox sur T24](#)



About Raphael Henry

Editor in Chief, ITnation.lu | Country Leader, CIONET Luxembourg

Related Posts



EuroCloud Congress in Luxembourg in October 2013  
EuroCloud Congress in Luxembourg in October 2013



EMC renforce RSA en acquérant Aveksa, le spécialiste de l'IAM  
EMC renforce RSA en acquérant Aveksa, le spécialiste de l'IAM



Oracle 12C, c'est parti  
Oracle 12C, c'est parti



HP élargit son portefeuille Converged Cloud  
HP élargit son portefeuille Converged Cloud

0 commentaires

Bank Leumi Luxembourg a réitéré sa confiance envers Jiway. La...

Posted 2 days ago

0

LES ARTICLES LES + VUS

CIONET

2,340 ★

Feu d'artifice pour BILnet et BILnet Mobile

Actualité

1,857 ★

Phishing: ne mordez pas à l'hameçon !

Actualité

1,497 ★

Nouvelle circulaire CSSF: Sogeti accompagne ses clients

Focus événement

1,405 ★

Emploi et salaire : l'ICT reste dynamique, selon Lancelot

Actualité

1,324 ★

Snapshot of Luxembourg and ICT in key facts and figures

Actualité

1,284 ★

Cactus deploys optical connectivity for critical Business Continuity services



Laisser un commentaire...



Meilleurs ▼ Communauté

Partager □ □ ▼

Personne n'a encore commenté.

AUSSI SUR ITNATION

**HiFi international rachète Darty Luxembourg Sàrl** 1 commentaire

AROUND THE WEB

Qu'est-ce que c'est?

**Heart Attack Signals: How to Know Before It Happens** Newsmax Health



**Les prochains événements**

- 08/07/2013 08:00  
Configuring and troubleshooting Windows Server 2008 Active Directory Domain Services  
Koerich  
Luxembourg
- 08/07/2013 08:00  
Developing Windows Applications with Microsoft Visual Studio 2010  
Koerich  
Luxembourg
- 08/07/2013 08:00  
Oracle Solaris 11 Advanced System Administration  
Koerich  
Luxembourg
- 08/07/2013 09:00  
Linux Administration système  
Windhof  
Luxembourg
- 08/07/2013 08:00/alley  
Fast Track to Oracle DBA  
Windhof  
Luxembourg

**ITnation sur Twitter**

No public Twitter messages.



- Ca
- A l
- Ac
- westsidevillage.lu
- Carrere
- Carte blanche
- CIONET
- Etudes
- Focus événement
- Grand Entretien
- Livres Blancs
- Main Stories
- Makana
- News
- Opinions
- Portrait
- Start-up
- Top Article

## Tags

[featured](#) [Cloud](#) [Microsoft](#) [IBM](#) [Dimension Data](#) [Carrière](#) [Accenture](#) [Luxembourg](#) [Sécurité](#) [eBRC](#) [Cloud computing](#) [clearstream](#) [CIONET](#) [CIO](#) [Telindus](#) [Luxcloud](#) [EMC](#) [APSI](#) [Datacenter](#)  
[François Biltgen](#) [PwC](#) [Oracle](#) [Sogeti](#) [P&T](#)

## Facebook



The image shows a Facebook profile for ITnation. It includes the profile picture (ITnation logo), the name 'ITnation', and two 'Like' buttons. Below the buttons, it says 'Vous aimez.' and 'Vous et 1 091 autres personnes aimez ITnation. 1 091 personnes aiment ITnation.' At the bottom, there is a grid of 10 small profile pictures of users who liked the page.

## News

[Main Stories](#)

[A la Une](#)

[Actualité](#)

[Carrière](#)

[Opinions](#)

[Etudes](#)

[Portrait](#)

[Grand Entretien](#)

[Start-up](#)

[Agenda](#)

[Conférence](#)

[Rencontres / networking](#)

[Lunch / Conférence](#)

[Formation](#)

[Salons](#)

[Webinars](#)

[Publier un événement](#)

[Emploi](#)

[Livres blancs](#)

[Newsletters](#)

[S'abonner à la newsletter hebdomadaire](#)

[Golden-i 2013 | Pictures](#)

[ITnation recrute](#)

[Contact](#)

[Login](#)

Copyright © 2012 - 2013 ITnation.lu | Makana S.A. The IT Marketing Company

☺