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First IPv6-only OpenStack Cloud used to deliver production services is deployed by Nephos6, Citkomm and SNT-University of Luxembourg

Luxembourg/Iserlohn, Germany/Raleigh, USA, June 2, 2014 – Nephos6 deploys the first IPv6-only OpenStack based Cloud service solution in a production environment in the world. Cloud adoption and IPv6 transition are two major inflexion points that shape the evolution of IT today and are the foundation of Next Generation IT infrastructures. The envisioned target architecture combines the agility of cloud with the scalability of IPv6.

The first ever IPv6-only OpenStack cloud was built as pilot in the project “Government Enabled Through IPv6 (Gen6: www.gen6-project.eu) by the University of Luxembourg together with Nephos6 and Citkomm to demonstrate in practice how government organizations can deliver scalable services in the future. On May 25th, this environment provided IPv6 enabled users with access to the EU parliamentary and local elections results of all cities served by Citkomm.

“During the elections, a production ready, IPv6-based Openstack Cloud established at the University of Luxembourg successfully delivered election results to German voters, a “World First” to pioneer the future of the open world of cloud computing! said Latif Ladid, President, IPv6 Forum and Research Fellow at the University of Luxembourg.

“Of all the users accessing the elections results, 5% did so over IPv6 and the Openstack infrastructure, while the rest reached an IPv4 only infrastructure successfully managed by Citkomm.” said Martin Krengel, head of department system projects, Citkomm.

Both infrastructures were scale tested and tuned using the Nephos6 Sonar product. Nephos6 worked closely with the Gen6 project team to deploy the IPv6 based OpenStack cloud on the Icehouse release.

“Nephos6 was created 3 years ago specifically to focus on the opportunities created by the intersection between the Cloud and IPv6 inflexion points. The Gen6 project demonstrates the feasibility of IPv6 based Greenfield deployments of OpenStack based cloud infrastructures” said Ciprian Popoviciu, Founder and CEO of Nephos6.

About Nephos6

Nephos6, Inc is the leading provider of IPv6 enabled OpenStack infrastructures and cloud monitoring services. Nephos6 brings together exceptional expertise from both the IPv6 and Cloud computing industries and many years of experience working on large IT projects worldwide. This experience was leveraged in building Sonar, the Nephos6 cloud based service assurance product that helps optimize the Cloud and IPv6 transitions and Cloud based service delivery. Nephos6 also offers IPv6 Forum certified education and certification. For more information email: contact@nephos6.com

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