cloudozer

Towards private business messaging
Partnership proposal

Aug 16, 2013

In the news

The privacy of communications again reigns over the news headlines. The Skype messaging scandal[1] was the beginning of the news streak that culminated in the controversy over the PRISM programme[2]. Businesses are urged to rethink their reliance on public messaging services, such as Gmail, to avoid unwarranted snooping.

Market demands

We believe there is an unfulfilled demand for a private messaging system for businesses.

Company executives face strict regulations with respect to durability of their communications. All messages should be securely stored for years.

Industry-specific regulations prescribe that company data cannot be mixed with data belonging to other entities.

These and many other requirements rule out popular public messaging services. The promise of ulra-low-cost cloud messaging does not materialise for businesses.

US President Obama estimated the global cost of hacking at $1 trillion. This cost is real for businesses.

Technology is here

The technological solution to the private messaging for businesses already exists. It is called Erlang on Xen[3].

Erlang on Xen radically changes the granularity of cloud computations. It allows on-demand creation of many thousands of virtual servers: a server per e-mail, a server per video call, a server per instant message.

---

[1] http://venturebeat.com/2013/05/20/busted-microsoft-intercepts-decrypts-and-reads-your-skype-messages/

[2] http://www.theguardian.com/world/2013/jun/06/us-tech-giants-nsa-data

[3] http://erlangonxen.org

Erlang on Xen virtual servers are fully isolated and provide nearly-perfect data segregation. Companies may claim that they retain full control over data and their data are not intermixed with other company's records.

Moreover the cloud infrastructure that use Erlang on Xen require little 'system administration'. It may function almost autonomously. It means that the cloud prodiver may claim that it does not have acces to the client's data and substantiate this claim in court.

The technology provides for rapid creation of virtual servers to the point that servers get provisioned purely on demand. There is no need to have servers idling in the anticipation of a client's request. This has a profound impact on the size (and the cost) of the physical infrastructure needed to host the private messaging service.

Partner wanted

We are looking for a business partner who want to enter the market of private communications for businesses. Cloudozer would take on the technological role.

We believe the private messaging service should help businesses stay in compliance with all regulations. It should thwart hacking and unwarranted surveillance. Yet the service should facilitate disclosure of communications if required by law. If you think otherwise, please do not bother to contact us.

More information

- http://cloudozer.com

- http://erlangonxen.org

- http://www.forbes.com/sites/reuvencohen/2013/03/24/super-elastic-clouds-is-it-time-to-remove-the-os-from-cloud-computing-stacks

Please direct your inquiries to Victor Sovietov, CEO of Cloudozer (vs@cloudozer.com).