

# Securitatea rețelelor de tip cloud

## The Security of Cloud Networks

**Andreea GRIGORAȘ**

University Politehnica of Bucharest, Romania  
blau\_blume\_m3@yahoo.com

### Abstract

*In a world dominated by the Internet, the concept of cloud computing is revolutionizing the way employees work and interact worldwide. Cloud computing requires a huge and complex network of servers that provides users both storage space and computing power, using common web browsing devices. In this way, costly investments in equipment and IT staff are reduced. Cloud computing allows companies to achieve tremendous computing power via the Internet, without being forced to invest in infrastructure. This article analyses aspects about cloud networks and their security.*

**Index terms:** cloud networks, security, Internet, monitoring

### References

- [1] D. Oprea, Protecția și securitatea informațiilor. Ed. II, Editura Polirom, 2007.
- [2] Massimo Cafaro, GivaniAloisio, Grids, Clouds and Virtualization, 2011.
- [3] Jothy Rosenberg, Arthur Mateos, The Cloud at your Service, Manning, 2011.
- [4] [http://www.webopedia.com/DidYouKnow/Hardware\\_Software/Security/data\\_protection\\_in\\_the\\_cloud/](http://www.webopedia.com/DidYouKnow/Hardware_Software/Security/data_protection_in_the_cloud/), accesat în ianuarie 2013.
- [5] [http://www.certesnetworks.com/ro/vcep\\_ro.html/](http://www.certesnetworks.com/ro/vcep_ro.html/), accesat în februarie 2013.
- [6] <http://www.computerworld.ro/2012/07/26/5-elemente-esentiale-pentru-securitatea-in-mediul-cloud/2/>, accesat în februarie 2013.
- [7] <http://www.securitatea-informatica.ro/securitatea-informatica/securitatea-it-in-cloud/>, accesat în ianuarie 2013.
- [8] <http://www.computerworld.ro/2012/10/15/eficientizarea-sectorului-public-prin-cloud-computing/>, accesat în februarie 2013.
- [9] <http://www.netsafesolutions.ro/solutii-securitate/cloud-providers-7/>, accesat în februarie 2013.
- [10] <http://www.ziare.com/internet-si-tehnologie/internet/care-sunt-avantajele-serviciilor-de-cloud-computing-1053643/>, accesat în februarie 2013.
- [11] <http://www.securitateit.ro/2012/09/hp-vmware-ofera-securitate-cloud/>, accesat în februarie 2013.
- [12] <http://www.securitateit.ro/2012/10/ibm-securitate-cloud-analytics/>, accesat în ianuarie 2013.