

ISU-ISU KEAMANAN CLOUD COMPUTING

Ali Ahmadi

STMIK Mardira Indonesia, Bandung 40235

Abstract

Cloud computing is an alternative model of the implementation and utilization of services related to Information Technology. This paradigm is touted to simplify the way procurement and purchasing IT products by the buyer, and also lighten the load shipments by vendor. However, there are a number of risks and constraints to adopt this model.

Security is always associated the word with cloud computing. Some sources of security issues in the cloud is determined by its own cloud -based infrastructure network (internet). The basic concept of distributed computing cloud that contains the potential security vulnerabilities continues to be the study of the experts. The reason is distributed in cloud computing relies heavily on Internet technology.

In this paper will try for reviews safety aspects related to the infrastructure and the implementation of cloud computing it.

Keywords: *Cloud Computing, Security*

DAFTAR PUSTAKA**Jurnal/Majalah**

- [1] Costanzo, Alexandre di, Marcos Dias de Assunção, dan Rajkumar Buyya. *Harnessing Cloud Technologies for a Virtualized Distributed Computing Infrastructure*, IEEE Internet Computing edisi 1089-7801/09, 2009, hal. 24-33
- [2] Dikaiakos, Marios D. dan George Pallis, *Cloud Computing: Distributed Internet Computing for IT and Scientific Research*, IEEE Internet Computing Edisi 1089-7801/09, 2009, hal. 10-13
- [3] Hoover, Nicholas dan Richard Martin, *Demistifying the Cloud*, Information Week Research and Report (online Magazine), edisi 23 Juni 2008, hal. 30-37.
- [4] Jensen, Meiko, Jörg Schwenk, Nils Gruschka, Luigi Lo Iacono, *On Technical Security Issues in Cloud Computing*, IEEE Computer Society, edisi 978-0-7695-3840-2/09, 2009, hal. 109-116
- [5] Kandukuri, Balachandra Reddy, Ramakrishna Paturi V, dan Dr. Atanu Rakshit, *Cloud Security Issues*, IEEE Computer Society, edisi 978-0-7695-3811-2/09, 2009, hal. 517-520
- [6] Vaquero, Luis M., Luis Roderomero, Juan Caceres, dan Maik Lindner, *A Break in the Clouds: Towards a Cloud Definition*, ACM SIGCOMM Computer Communication Review, Volume 39, Number 1, January 2009, hal. 50-55

Buku Teks

- [7] Miller, Michael, *Cloud Computing: Web-Based Applications That Change the Way You Work and Collaborate Online*, Que Publishing, Indianapolis, 2009

Website

- [8] Horton, James L, *A Walk in the Cloud: Broadband Computing And Communications*, <http://www.online->

- [pr.com/Holding/Cloud_Computing.pdf](http://www.online-pr.com/Holding/Cloud_Computing.pdf), diambil tgl 6 Desember 2009
- [9] *Cloud Computing Security Risk Assessment*, European Network and Information Security Agency (ENISA), sumber: http://www.enisa.europa.eu/act/rm/files/deliverables/cloud-computing-risk-assessment/at_download/fullReport, didownload tgl 6 Desember 2009