The Cloud and the Changing Shape of Education - Eaas (Education as a Service)

Abstract

Cloud computing in education gives better choice and flexibility. The software and platform in education can be on-premises, off-premises, or a combination of both, depending on the educational institution’s needs. Eaas are used to deliver advanced software, computer lab resources as services to students, researchers, faculties at schools, colleges and universities. This paper explains how Eaas can provide affordable and high end educational services which leads to the transformation from traditional education to cloud service. From a user’s point of view, a cloud can provide services available in such a way that the user does not have to be concerned with where the services originate or even where the services are running. Eaas (Education as a service) delivers a virtualization education environment as a service. Rather than purchasing softwares, software licenses, education providers buy those resources as a fully outsourced service on demand and minimize cost by pay per usage. Generally Eaas can be obtained as public or private cloud or a combination of the two. Public clouds may offer low-cost services, but in return they may not provide needed assurances of security for those services. Private clouds, sometimes also referred to as community clouds, seek secure collaboration with external providers.

References
- Computer Security Division, Information Technology Laboratory, National Institute of Standards and Technology, Gaithersburg, MD 20899-8930, January 2011
- Simon Bradshaw, Christopher Millard, Ian Walden, Contracts for Clouds: Comparison and Analysis of the Terms and Conditions of Cloud Computing Services, Queen Mary School of Law Legal Studies, Research Paper No. 63/2010, September 2, 2010

Index Terms
Keywords
Cloud Computing  Education As A Service  Private Cloud  Public Cloud