

Title ~~~

Author Name~~~

Affiliation, Country

Email~~

Abstract. Learning system has changing from traditional ways like face-to-face learning process to electronic learning process in order to ~~~~~.

Keywords: Cloud computing, learning system,

1 Introduction

The use of information and Internet technologies as teaching and learning tools is now rapidly expanding into education. Electronic learning (e-learning) is one of the most popular learning environments in the information age. Indeed, e-learning extends traditional learning paradigms into new dynamic learning models through computer and Web technologies [2].

2 Cloud computing and learning system

2.1 Cloud computing

Cloud computing is one such emerging paradigm which makes use of contemporary virtual machine technology.

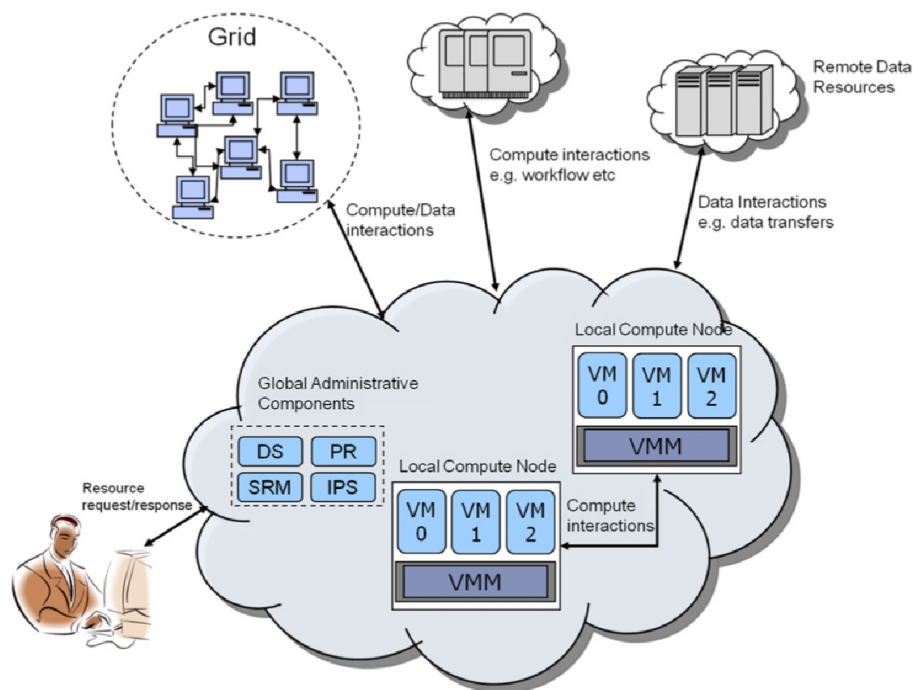


Fig. 1. Cloud Computing System

~~~~~

**Table 1.** ISO9126 quality model

| Criteria        | Sub-criteria      |
|-----------------|-------------------|
| Functionality   | Suitability       |
|                 | Accuracy          |
|                 | Interoperability  |
|                 | Compliance        |
|                 | Security          |
| Reliability     | Maturity          |
|                 | Recoverability    |
|                 | Fault tolerance   |
| Usability       | Learnability      |
|                 | Understandability |
|                 | Operability       |
| Efficiency      | Time behavior     |
|                 | Resource behavior |
| Maintainability | Stability         |
|                 | Analyzability     |
|                 | Changeability     |
|                 | Testability       |
| Portability     | Installability    |
|                 | Conformance       |
|                 | Replaceability    |
|                 | Adaptability      |

.....

### 3 Conclusion

This research aims to make a framework for learning system on cloud computing environment.

### References

- [1] Khan, B. H., A framework for web-based learning. Englewood Cliffs, NJ: Educational Technology Publications (2000).
- [2] Shu-Sheng Liaw, Hsiu-Mei Huang, Gwo-Dong Chen, Surveying instructor and learner attitudes toward e-learning, Computers & Education 49 (2007) 1066-1080

- [3] Yi-Shun Wang, Hsiu-Yuan Wang, Daniel Y. Shee, Measuring e-learning systems success in an organizational context: Scale development and validation, *Computers in Human Behavior* 23 (2007) 1792-1808
- [4] Azeddine Chikh, Lamia Berkani, Communities of practice of e-learning, an innovative learning space for e-learning actors, *Procedia Social and Behavioral Sciences* 2 (2010) 5022-5027
- [5] Nabil Sultan, Cloud computing for education: A new dawn? *International Journal of Information Management* 30 (2010) 109-116
- [6] Junaid Arshad, Paul Townend, Jie Xu, A novel intrusion severity analysis approach for Clouds, *Future Generation Computer Systems* (2011) doi:10.1016/j.future.2011.08.009
- [7] Loganayagi. B, S. Sujatha, Enhanced Cloud Security by Combining Virtualization and Policy Monitoring Techniques, *Procedia Engineering* 30 (2012) 654-661