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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.

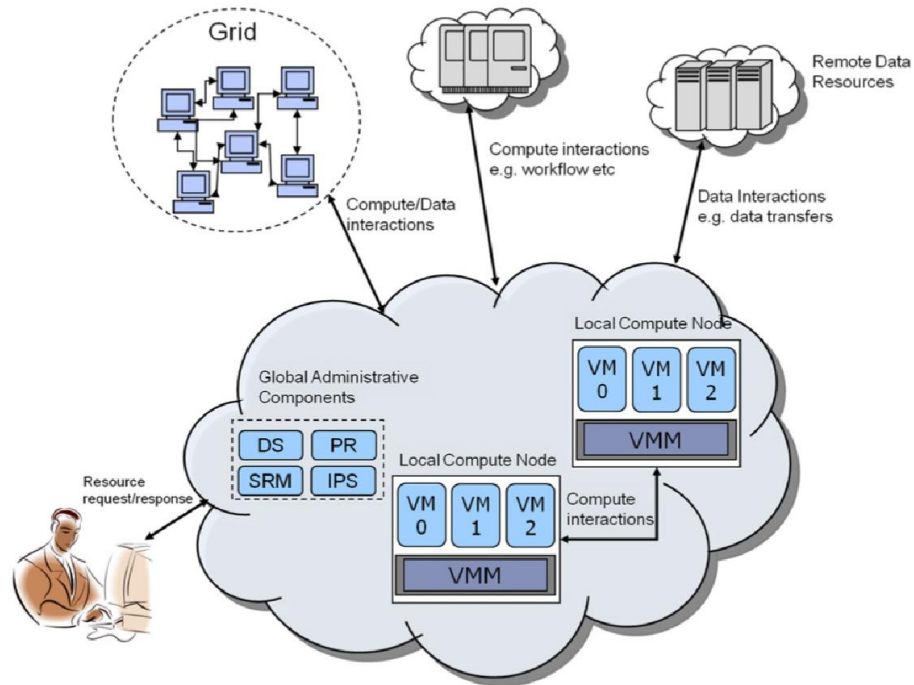


Fig. 1. Cloud Computing System

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**Table 1.** ISO9126 quality model

| Criteria        | Sub-criteria                                              |
|-----------------|-----------------------------------------------------------|
| Functionality   | Suitability<br>Accuracy<br>Interoperability<br>Compliance |
| Reliability     | Security<br>Maturity<br>Recoverability<br>Fault tolerance |
| Usability       | Learnability<br>Understandability<br>Operability          |
| Efficiency      | Time behavior<br>Resource behavior                        |
| Maintainability | Stability<br>Analyzability<br>Changeability               |

|             |                                                                                |
|-------------|--------------------------------------------------------------------------------|
| Portability | Testability<br>Installability<br>Conformance<br>Replaceability<br>Adaptability |
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### 3 Conclusion

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

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