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ISSUES IN THE REAL WORLD CLOUD COMPUTING ENVIRONMENT

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Abstract- Cloud computing has received a lot of popularity in the last few years and market observers believe it to be a future. Cloud computing is quickly becoming a mainstay for many technology companies today because of its superior flexibility, accessibility, and capacity compared to traditional online computing and storage methods. By 2014, cloud computing is expected to become a \$150 billion industry. And for good reason whether users are on a desktop computer or mobile device, the cloud provides instant access to data anytime, anywhere there is an Internet connection. For businesses, cloud computing also offers myriad benefits, such as scalable storage for files, applications and other types of data; improved collaboration regardless of team members' locations; and saved time and money by eliminating the need to build a costly data center and an IT team to manage it.

Keywords: cloud computing, scalability, security

I. INTRODUCTION

Cloud Computing enables ubiquitous, convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction.

Recent developments in the field of cloud computing have immensely changed the way we compute as well as the concept of computing resources. In a cloud based computing infrastructure, the resources are normally in someone else's premise or network and accessed remotely by the end users. The cloud is a double-edged sword from the security standpoint. For organizations that lack technological and human resources to focus on security third parties in the cloud can provide low security.

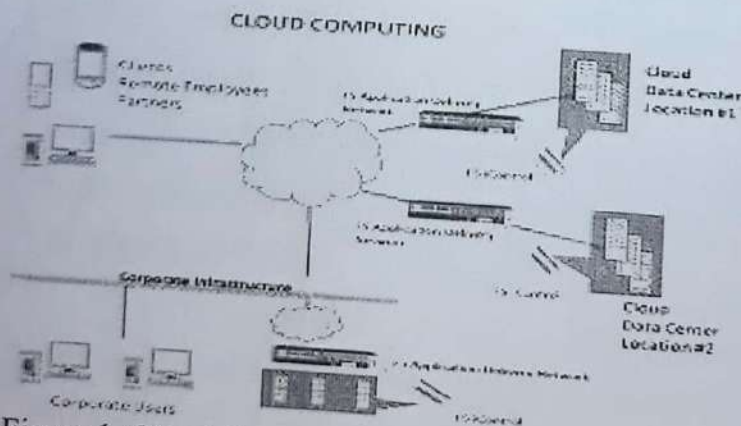


Figure 1. Cloud Computing