**Cloud data production for masses**

**ABSTRACT**

Offering strong data protection to cloud users while enabling rich applications is a challenging task. We explore a new cloud platform architecture called Data Protection as a Service, which dramatically reduces the per-application development effort required to offer data protection, while still allowing rapid development and maintenance.

**EXISTING SYSTEM**

Cloud computing promises lower costs, rapid scaling, easier maintenance, and service availability anywhere, anytime, a key challenge is how to ensure and build confidence that the cloud can handle user data securely. A recent Microsoft survey found that “58 percent of the public and 86 percent of business leaders are excited about the possibilities of cloud computing. But more than 90 percent of them are worried about security , availability, and privacy of their data as it rests in the cloud.”

**PROPOSED SYSTEM**

We propose a new cloud computing paradigm, data protection as a service (DPaaS) is a suite of security primitives offered by a cloud platform, which enforces data security and privacy and offers evidence of privacy to data owners, even in the presence of potentially compromised or malicious applications. Such as secure data using encryption, logging, key management.

**Advantages**

1. When you use internet with the cloud services then your company will have lots more room to store the files and that they need to store.

2. User identified the data losses.

**MODULE DESCRIPTION:**

1. Cloud Computing

2. Trusted Platform Module

3. Third Party Auditor

4. User Module

**System Requirement:**

**Hardware Requirements**

* System : Pentium IV 2.4 GHz
* Hard disk : 40 GB
* Monitor : 15 VGA colour
* Mouse : Logitech.
* Ram : 256 MB
* Keyboard : 110 keys enhanced.

**Software Requirements**

* **Operating System : :** Windows
* **Coding Language : C#.Net**
* **Front End : Microsoft Visual Studio 2010**
* **Back End : Sql Server**