**Architecture Diagram**

**1) Add Memory and Threshold for all VM(Each cloud having single VM) and memory price list**

**2) Data Owner Details**

**3) All Owner Files Details**

**4. VMs Resource Load & Price Details, Operations such as delete, update,**

**5. Un revoke Vendor  
6.View Transfer cloud details  
7. View All workloads details**

**CS1,CS2,CS3,CS4**

**Register (CS1, CS2, CS3, and CS4) Uploads files Based on Cloud Type**

**1) Send all Service Details like time to response**

**2) Migration Details**

**3) Remigration Details  
4) View all VM Memory and Price Details  
5) View Work Load on each every cloud**

**Data Owner**

**1) Find all cost and memory Details**

**2) View Owner’s VMs Details and purchase**

**3. Browse and enc file and upload**

**4. Check Data Integrity Proof**

**5. Transfer data from one to another cloud based on the price (Storage Mode Switching)**

**6. Check all cloud VM details and Price list**

**1) View All Users**

**2) Find Access log details – Download, Memory purchase**

**3) Find all cloud transaction details(Access Log Details)**

**4) view all migrated list**

**1) Register & Login**

**2) Searches for files in the cloud  
3) Requests for Skey**

**4) Request files Download, Block and Unblock Options**

**End User**

**1).View all attackers**

**2).View Resource Utilization Profiles (Total memory used for each and every data owner)**

**3).View All VM and Price details**

**4).** **Resource Migration Check pointing (if it exceeds Threshold)**

CS1 ---- Rackspace

CS2 ---- Amazon S3

CS3 ---- Windows Azure

CS4 ---- Aliyun OSS

Price memory

2000 18000

6000 40000

8000 1000000