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**Abstract:-** Our project prepare supporting schemes like Attribute base information sharing in cloud and collectively offers weighted attribute. data owner is allowed to completely management the access policy associated with his information that to be shared. most of this CP-ABE schemes cannot support attribute with absolute state. we propose qualification attribute-based information sharing theme for cloud computing applications, that's denoted as ciphertext-policy weighted ABE theme with removing written document, the weighted attribute is introduced to not solely extend attribute expression from binary to absolute state, however collectively to vary access policy. Thus, the storage value and secret writing value for a ciphertext is mitigated. In our system, information owner transfer file, Image and video supported attribute information sharing theme and people users aren't gift in attribute those users will scan videos and provides rating to video. pattern attribute primarily based technique we have a tendency to tend to unit able to just share information to users. pattern rating of video we have a tendency to tend to can perceive the recognition of video..we propose associate degree attribute-based information sharing theme for cloud computing applications, that is denoted as ciphertext-policy weighted ABE scheme . In our system, information owner transfer file, Image and video based mostly on attribute information sharing theme and people users aren't gift in attribute those users will read videos and provides rating to video. victimisation attribute based technique we will simply share information to users. victimisation rating of video we will realize the recognition of video.

**Keywords:-** Attribute based data sharing, Cipher Text Policy attribute based encryption, Video sharing.

**I INTRODUCTION**

Cloud computing has become a quest hot-spot thanks to its distinguished long-list edges (e.g. convenience, high scalability). one altogether the foremost promising cloud computing applications is on-line information sharing, like image sharing in On-line Social Networks among over one billion users. the weighted attribute is introduced to not only extend attribute expression from binary to absolute state, but together to change access policy. Suppose there is a correct structure in university, throughout that teachers ar classified into teaching assistant, lecturer, associated academician and full academician. we have a tendency to propose AN attribute-based info sharing theme for cloud computing applications, that's denoted as ciphertext-policy weighted ABE theme with removing understanding, the weighted attribute is introduced to not only extend attribute expression from binary to absolute state, however conjointly to switch access policy. Desired intent goals is to share source information to cluster information sharing model is established supported the definition of the CP-ABE, Ciphertext-policy attributebased encryption (CP-ABE) may be a promising encoding technique for secure data sharing among the context of cloud computing. information owner is allowed to fully management the access policy associated with his information, video, pictures to be shared. we gift a attribute primarily based information sharing within which user will share pictures , videos and files to line of attribute and alternative users

**II LITERATURE SURVEY****Paper1: Improving Privacy and Security in Multi-Authority Attribute-Based Encryption.**

rising Privacy and Security in Multi-Authority Attribute-Based secret writing. It is unrealistic to assume there is one authority which can monitor every single attribute of all users. Multi-authority attribute-based cryptography permits a a lot of realistic preparation of attribute-based access management, given all totally {different|completely different} authorities area unit answerable for provision all different sets of attributes. the initial resolution by Chase employs a trustworthy central authority and additionally the employment of a world image for every user, that suggests the confidentiality depends critically on the security of the central authority and additionally the user-privacy depends on the honest behavior of the attribute authorities. we have a tendency to propose associate attribute-based cryptography theme whereas not the trustworthy authority, associated associate anonymous key provision protocol that works for every existing schemes and for our new construction. .Paper4: sanctioning Cloud Storage Auditing with Key Exposure it's chimerical to assume there is one authority which could monitor every single attribute of all users. Multi-authority attribute-based cryptography permits a further realistic readying of attribute-based access management, such all totally {different|completely different} authorities unit of measurement chargeable for provision all different sets of attributes. the initial resolution by Chase employs a true central authority and so

the employment of a worldwide image for each user, which implies the confidentiality depends critically on the security of the central authority and also the user-privacy depends on the honest behavior of the attribute-authorities. we have a tendency to propose Associate in Nursing attribute-based cryptography theme whereas not the true authority, associated an anonymous key provision

**Paper3: Identity-Based Encryption with Cloud Revocation Authority and Its Applications.**

Identity-based coding (IBE) could be a public key cryptosystem and eliminates the strain of public key infrastructure (PKI) and certificate administration in typical public key settings. as a result of the absence of PKI, the revocation downside could be a essential issue in IBE settings. many revokable IBE schemes are planned relating to this issue. Quite recently, by embedding AN outsourcing computation technique into IBE, Li et al. planned a revokable IBE theme with a key-update cloud service supplier (KU-CSP). However, their theme has 2 shortcomings. One is that the computation and communication prices ar on top of previous revocable IBE schemes. the opposite defect is lack of measurability within the sense that the KU-CSP should keep a secret price for every user. within the article, we tend to propose a brand new revokable IBE theme with a cloud revocation authority (CRA) to resolve the 2 shortcomings, namely, the performance is considerably improved and also the CRA holds solely a system secret for all the users. For security analysis, we demonstrate that the planned theme is semantically secure underneath the decisional linear Diffie-Hellman (DBDH) assumption. Finally, we extend the planned revokable IBE theme to gift a CRA-aided authentication theme with period-limited privileges for managing an outsized variety of varied cloud services.

**.Paper4: Enabling Cloud Storage Auditing with Key Exposure Resistance.**

It is investigated on the thanks to cut back the injury of the consumers key revelation in cloud storage auditing, and provide the first handy elucidation for this new draw back setting. Formalized the definition and thus the safety model of auditing protocol with key-exposure resilience and propose such a protocol. utilized and developed a singular appraiser construction to support the forward security and thus the property of block less verifiability mistreatment this vogue. the protection proof and thus the performance analysis show that the projected protocol is protected and well-organized.

**Paper5: Improving Privacy and Security in Multi-Authority Attribute-Based Encryption.**

In this paper, it's phantasmagoric to assume there's one authority which might monitor each single attribute of all users. Multi-authority attribute-based cryptography permits a additional realistic deploy ment of attribute-based access management, such totally {different|completely different} authorities area unit answerable for supplying different sets of attributes. the first resolution by Chase employs a sure central authority and also the use of a world identifier for every user, which implies the confidentiality depends critically on the securityof the central authority and also the user-privacy depends on the honest behavior of the attribute-authorities. we have a tendency to propose AN attribute-based cryptography theme while not the sure authority, ANd an anonymous key supplying protocol that works for each existing schemes and for our new construction. we have a tendency to hope that our work offers a additional practice- familiarised attribute primarily based cryptography system.

### III EXISTING SYSTEM

Ciphertext-policy attribute-based cryptography (CPABE) is also a really promising cryptography technique for secure info sharing among the context of cloud computing. info owner is allowed to whole management the access policy associated with his info that to be shared. However, CP-ABE is tabu to a attainable security risk that is spoken as key official document draw back whereby the key keys of users need to be issued by a trustworthy key authority. Besides, most of the current CP-ABE schemes cannot support attribute with impulsive state. In existing system not support to share audio, video to user and provides rating on the thought of video views.

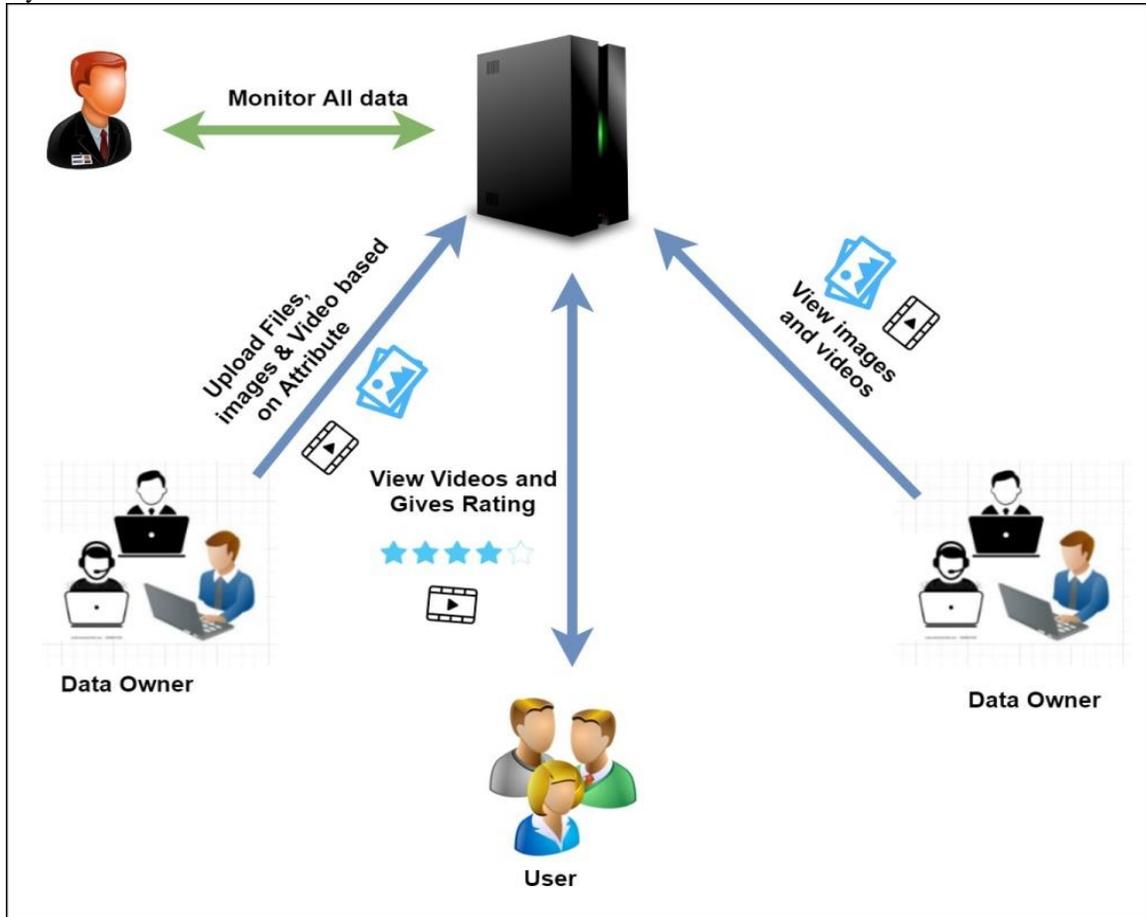
#### IV OBJECTIVE

1. Security of data sharing within a group.
2. Functionality of Review,rating,comments on video.
3. Improve communication efficiency.

### V PROPOSED SYSTEM

we propose associate attribute-based data sharing theme for cloud computing applications, that's denoted as ciphertext-policy weighted ABE theme with removing instrument, the weighted attribute is introduced to not entirely extend attribute expression from binary to capricious state, but in addition to change access policy. Thus, the storage worth and encryption worth for a ciphertext is relieved. In our system, data owner transfer file, Image and video supported attribute data sharing theme and other people users are not gift in attribute those users can browse videos and provides rating to video. pattern attribute based totally technique we'll merely share data to users. pattern

e popularity



### System Requirement and Specification

#### Hardware resources required

1. Processor : Pentium –IV
2. Speed : 1.1 GHz
3. RAM : 256 MB(min)
4. Hard Disk : 20 GB
5. Key Board : Standard Windows Keyboard
6. Mouse : Two or Three Button Mouse
7. Monitor : SVGA

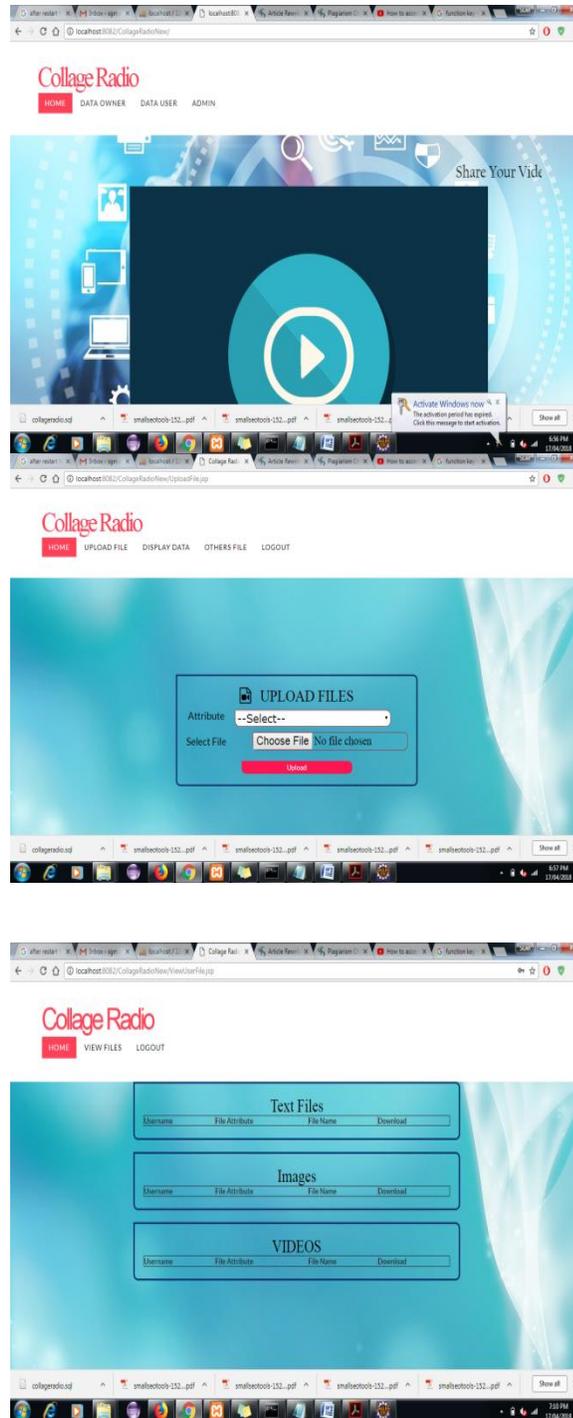
#### Software resources required

1. Operating System : Windows 07/08/Above
2. Programming Language : JAVA/J2EE/XML
3. Database : MY SQL

### VI CONCLUSION AND FUTURE SCOPE

we propose associate degree attribute-based data sharing theme for cloud computing applications, that's denoted as ciphertext-policy weighted ABE theme . In our system, data owner transfer file, Image and video based on attribute data sharing theme and folks users are not gift in attribute those users can scan videos and provides rating to video. practice attribute based mostly technique we are going to merely share data to users. practice rating of video we are going to notice the popularity of video.

## RESULT



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