

- 8+ Years of Excellence in IEEE Project development for universities across INDIA, USA, UK, AUSTRALIA, SWEDEN.
- Expert developers in JAVA , DOT NET , ANDROID , PHP, MATLAB , NS2 , NS3 , VLSI ,CLOUD SIM, TANNER , MICROWIND , EMBEDDED , ROBOTICS , MECHANICAL , MECHATRONICS , WIRELESS NETWORKS, OPNET , OMNET
- Over 11000+ projects , 425 clients - MICANS INFOTECH provides IEEE & application projects for CSE,IT,ECE,EEE,MECH,CIVIL,MCA,M.TECH,M.PHILL,MBA,DME,MS,PHD.

Projects with FUTURE WORK / LIVE DEVELOPMENT / FACE TO FACE CLASSES

ONLY PROJECT CENTER WITH OWN DEVELOPERS - CSE, IT,ECE,MECH,CIVIL,EEE

PONDICHERRY – VILLUPURAM – CUDDALORE - CHENNAI

Privacy Preserving Ranked Multi-keyword Search for Multiple

Data Owners in Cloud computing

ABSTRACT

A new model of computing, cloud computing provides abundant benefits including easy access, decreased costs, quick deployment and flexible resource management, etc. Despite the abundant benefits of cloud computing, for privacy concerns, individuals and enterprise users are reluctant to outsource their sensitive data, including emails, personal health records to the cloud under the single owner model. Privacy preserving Ranked Multi-keyword Search in a Multi-owner model(PRMSM). To enable cloud servers to perform secure search without knowing the actual data of both keywords and trapdoors. To rank the search results and preserve the privacy of relevance scores between keywords and files. We proposing to define and solve the problem of effective yet secure ranked keyword search over encrypted cloud data. Ranked search greatly enhances system usability by returning the matching files in a ranked order regarding to certain relevance criteria (e.g., keyword frequency). We first give a straight forward ideal construction of ranked keyword search under the state-of-the-art searchable symmetric encryption (SSE) security definition, and demonstrate its inefficiency. To achieve more practical performance, we then propose a definition for ranked searchable symmetric encryption, and give an efficient design by properly utilizing the existing cryptographic primitive, order-preserving symmetric encryption (OPSE).

MICANSINFOTECH PVT LTD : CADD COLLEGE : MICANS BANKING SCHOOL

No: 19, SIVAM TOWERS, III FLOOR, IG SQUARE,
VILLIANUR ROAD, PUDUCHERRY

No 798 c, NEHRUJI ROAD, VILLUPURAM
OPPOSITE TO MARKET COMMITTEE

WWW.MICANSINFOTECH.COM ; micansinfotech@gmail.com; +91 90036 28940; +91 94435 11725

WWW.MATLABPROJECTS.COM; WWW.MICANS.IN; WWW.MICANSIEEEPROJECTKART.COM

- 8+ Years of Excellence in IEEE Project development for universities across INDIA, USA, UK, AUSTRALIA, SWEDEN.
- Expert developers in JAVA , DOT NET , ANDROID , PHP, MATLAB , NS2 , NS3 , VLSI ,CLOUD SIM, TANNER , MICROWIND , EMBEDDED , ROBOTICS , MECHANICAL , MECHATRONICS , WIRELESS NETWORKS, OPNET , OMNET
- Over 11000+ projects , 425 clients - MICANS INFOTECH provides IEEE & application projects for CSE,IT,ECE,EEE,MECH,CIVIL,MCA,M.TECH,M.PHILL,MBA,DME,MS,PHD.

Projects with FUTURE WORK / LIVE DEVELOPMENT / FACE TO FACE CLASSES

ONLY PROJECT CENTER WITH OWN DEVELOPERS - CSE, IT,ECE,MECH,CIVIL,EEE

PONDICHERRY – VILLUPURAM – CUDDALORE - CHENNAI

EXISTING SYSTEM

The single-owner scheme, developing a full-fledged multi-owner scheme will have many new challenging problems. First, in the single-owner scheme, the data owner has to stay online to generate trapdoors (encrypted keywords) for data users. Second, since none of us would be willing to share our secret keys with others, different data owners would prefer to use their own secret keys to encrypt their secret data. Third, when multiple data owners are involved, we should ensure efficient user enrollment and revocation mechanisms

DISADVANTAGES

- When a huge amount of data owners are involved, asking them to stay online simultaneously to generate trapdoors would seriously affect the flexibility and usability of the search system.
- It is very challenging to perform a secure, convenient, and efficient search over the data encrypted with different secret keys.

MICANSINFOTECH PVT LTD : CADD COLLEGE : MICANS BANKING SCHOOL

No: 19, SIVAM TOWERS, III FLOOR, IG SQUARE,
VILLIANUR ROAD, PUDUCHERRY

No 798 c, NEHRUJI ROAD, VILLUPURAM
OPPOSITE TO MARKET COMMITTEE

WWW.MICANSINFOTECH.COM ; micansinfotech@gmail.com; +91 90036 28940; +91 94435 11725

WWW.MATLABPROJECTS.COM; WWW.MICANS.IN; WWW.MICANSIEEEPROJECTKART.COM

- **8+ Years of Excellence in IEEE Project development for universities across INDIA, USA, UK, AUSTRALIA, SWEDEN.**
- **Expert developers in JAVA , DOT NET , ANDROID , PHP, MATLAB , NS2 , NS3 , VLSI ,CLOUD SIM, TANNER , MICROWIND , EMBEDDED , ROBOTICS , MECHANICAL , MECHATRONICS , WIRELESS NETWORKS, OPNET , OMNET**
- **Over 11000+ projects , 425 clients - MICANS INFOTECH provides IEEE & application projects for CSE,IT,ECE,EEE,MECH,CIVIL,MCA,M.TECH,M.PHILL,MBA,DME,MS,PHD.**

Projects with FUTURE WORK / LIVE DEVELOPMENT / FACE TO FACE CLASSES

ONLY PROJECT CENTER WITH OWN DEVELOPERS - CSE, IT,ECE,MECH,CIVIL,EEE

PONDICHERRY – VILLUPURAM – CUDDALORE - CHENNAI

PROPOSED SYSTEM

To enable a searchable encryption system with support of secure ranked search. Ranked search greatly enhances system usability by returning the matching files in a ranked order regarding to certain relevance criteria (e.g., keyword frequency), thus making one step closer towards of privacy-preserving data hosting services. We explore the statistical measure approach from IR and text-mining to embed weight information (i.e. relevance score) of each file during the establishment of searchable index before outsourcing the encrypted file collection. As directly outsourcing relevance scores will leak lots of sensitive frequency information against the keyword privacy, we then integrate crypto primitive order-preserving symmetric encryption (OPSE) and properly modify it for our purpose to protect those sensitive weight information, while providing efficient ranked search functionalities.

ADVANTAGES

- To improve the file retrieval accuracy and save communication cost, a data user would tell the cloud server a parameter k and cloud server would return the top-k relevant files to the data user.
- Once the data user receives the top-k encrypted files from the cloud server, he will decrypt these returned files.

MICANSINFOTECH PVT LTD : CADD COLLEGE : MICANS BANKING SCHOOL

No: 19, SIVAM TOWERS, III FLOOR, IG SQUARE,
VILLIANUR ROAD, PUDUCHERRY

No 798 c, NEHRUJI ROAD, VILLUPURAM
OPPOSITE TO MARKET COMMITTEE

WWW.MICANSINFOTECH.COM ; micansinfotech@gmail.com; +91 90036 28940; +91 94435 11725

WWW.MATLABPROJECTS.COM; WWW.MICANS.IN; WWW.MICANSIEEEPROJECTKART.COM

- 8+ Years of Excellence in IEEE Project development for universities across INDIA, USA, UK, AUSTRALIA, SWEDEN.
- Expert developers in JAVA , DOT NET , ANDROID , PHP, MATLAB , NS2 , NS3 , VLSI ,CLOUD SIM, TANNER , MICROWIND , EMBEDDED , ROBOTICS , MECHANICAL , MECHATRONICS , WIRELESS NETWORKS, OPNET , OMNET
- Over 11000+ projects , 425 clients - MICANS INFOTECH provides IEEE & application projects for CSE,IT,ECE,EEE,MECH,CIVIL,MCA,M.TECH,M.PHILL,MBA,DME,MS,PHD.

Projects with FUTURE WORK / LIVE DEVELOPMENT / FACE TO FACE CLASSES

ONLY PROJECT CENTER WITH OWN DEVELOPERS - CSE, IT,ECE,MECH,CIVIL,EEE

PONDICHERRY – VILLUPURAM – CUDDALORE - CHENNAI

SYSTEM REQUIREMENTS:

HARDWARE REQUIREMENTS:

- System : Pentium IV 2.4 GHz.
- Hard Disk : 40 GB.
- Floppy Drive : 1.44 Mb.
- Monitor : 15 VGA Colour.
- Mouse : Logitech.
- Ram : 512 Mb.

SOFTWARE REQUIREMENTS:

- Operating system : Windows XP/7.
- Coding Language : ASP.net, C#.net
- Tool : Visual Studio 2010
- Database : SQL SERVER 2008

MICANSINFOTECH PVT LTD : CADD COLLEGE : MICANS BANKING SCHOOL

No: 19, SIVAM TOWERS, III FLOOR, IG SQUARE,
VILLIANUR ROAD, PUDUCHERRY

No 798 c, NEHRUJI ROAD, VILLUPURAM
OPPOSITE TO MARKET COMMITTEE

WWW.MICANSINFOTECH.COM ; micansinfotech@gmail.com; +91 90036 28940; +91 94435 11725

WWW.MATLABPROJECTS.COM; WWW.MICANS.IN; WWW.MICANSIEEEPROJECTKART.COM