

90. ENSURING DATA STORAGE SECURITY IN CLOUD COMPUTING WITH EFFICIENT USER REVOCATION

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In the cloud environment data owner uploads the information to the Remote Cloud Server for data access. Data owner appoints members for data utility. Members have to get permission for the data updation from the data owner. Members will have their user name, keys, and group key for access. In the social network there is no adequate security. To enhance the security for data in that situation, introducing new technology here that is either if existing member is removed from that group, Group Key is automatically changed and updated to all the members of that group. There is change in group key in case of new member is added in that group also. Member can resign from the group by themselves or data owner can terminate the member or can be cloud terminates the member in case of misbehaviour.

Index Terms—Cloud computing, data sharing, privacy-preserving, access control, dynamic groups

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