Cloud computing is emerging as a new technology in the field of computing which affects many aspects of computing. The users are enabled to move their data and application software to the network and access the services on-demand. Moving data outside the organizational boundaries and access them through internet makes complete loss of control from the owner's side. The data over the cloud servers is easily accessed by both the computing providers and law enforcement agencies easier in comparison to data stored on your local disk. Cloud brings many different security issues and among them data security acts as one of the major challenge in cloud computing. Data security becomes an important issue for securing outsourced data and to maintain a level of trust among data owners. In this paper we will analyze the security requirements and the various approaches for data security. We also...
highlight the new emerging research challenges in data security and privacy.

References

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Index Terms

Computer Science

Security

Keywords

Cloud computing  data privacy  cloud data storage  security