

In this experiment, I installed & configured the Kerberos Authentication system on Ubuntu. Kerberos is crucial for secure auth in network environments.

Overview of Kerberos:

Kerberos operates on a client-server model & uses secret-key cryptography. Its main components include

→ Key Distribution center (KDC):

The heart of Kerberos which manages auth requests & issues tickets.

→ Authentication Service (AS):

Verifies identity of users & provides them with tickets.

→ Ticket Granting Service (TGS):

Issues service tickets for accessing specific resources.

Conclusion:- This experiment deepened my understanding of auth algorithm mechanisms & the importance of securing user identities in network.