Importance of Session Key in Remote User Authentication

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The INTERNET
Client Server Architecture
AUTHENTICATION
Authentication Methods

We can authenticate an identity in three ways:

- **Something the user knows**
  - Password, PIN etc..

- **Something the user has**
  - Security token, Credit /debit/smart card, Mobile phone

- **Something the user is**
  - fingerprint, Iris scan, face, vein etc.. called a biometric

User's Login

Username: [ ]
Password: [ ]
Submit
SESSION KEY

✓ In the computing world, a session refers to a limited time of communication between two systems.

✓ Some sessions involve a client and a server, while other sessions involve two personal computers.

✓ A session key is a single-use symmetric key used for encrypting all messages in one communication session.

✓ They are created to exist for a very short time.
Thank You