PGP - PRETTY GOOD ENCRYPTION

- Very strong public key encryption.
- Unbroken.
- Encrypt emails, text or files.
- Sign message or files to verify integrity.

63











SECRET KEY

DAVID



Secret message

IN THE REAL PROPERTY.







• Decrypts the message.

- Should be kept a secret.
- Needs to be shared with recipient.

SECRET KEY

DAVID



Secret message









Asymmetric encryption.



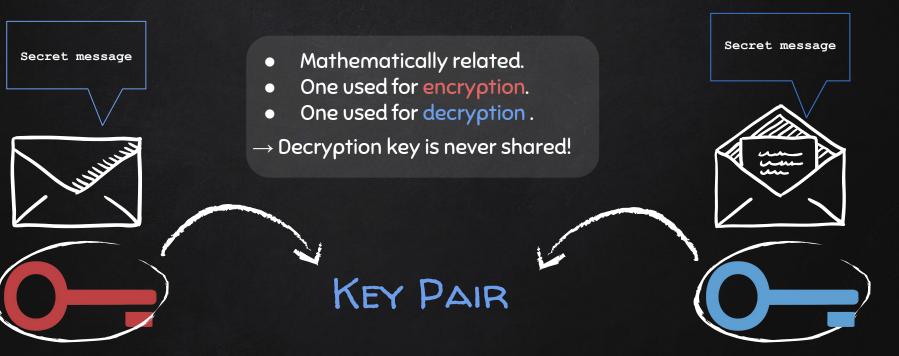


DAVID











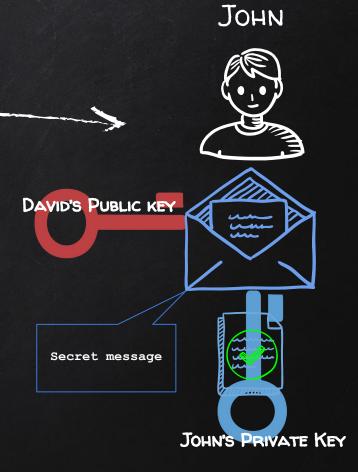


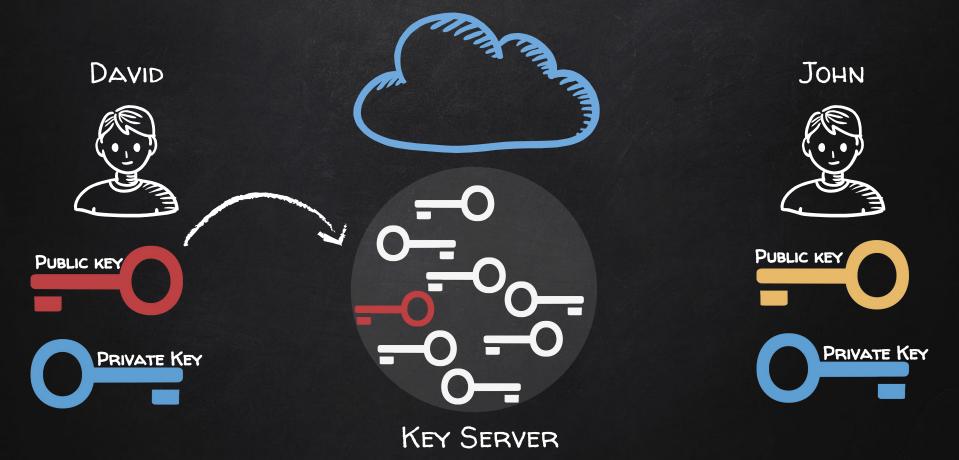
Sender (David):

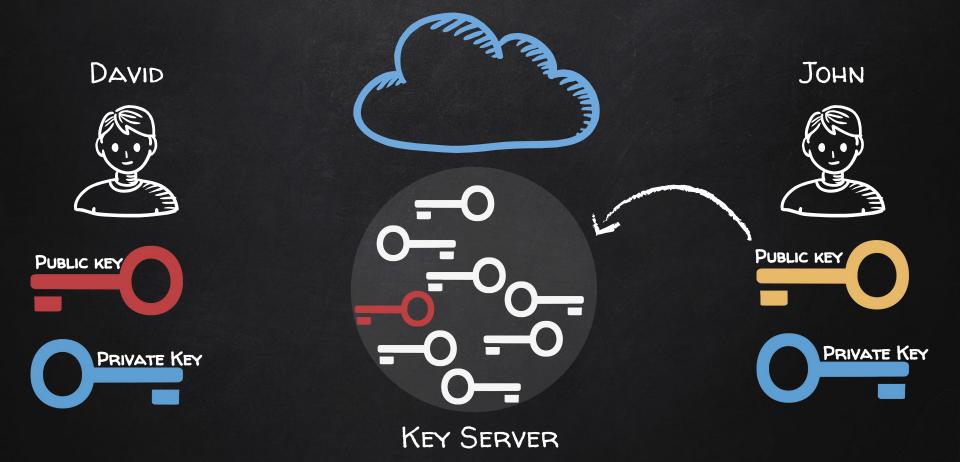
- 1. Encrypts message with receiver's public key.
- 2. Signes message with own private key.

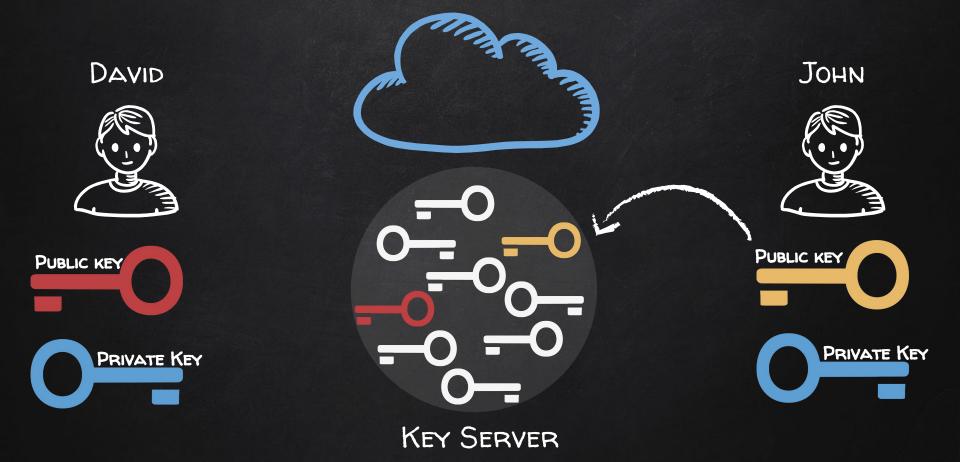
Receiver (John):

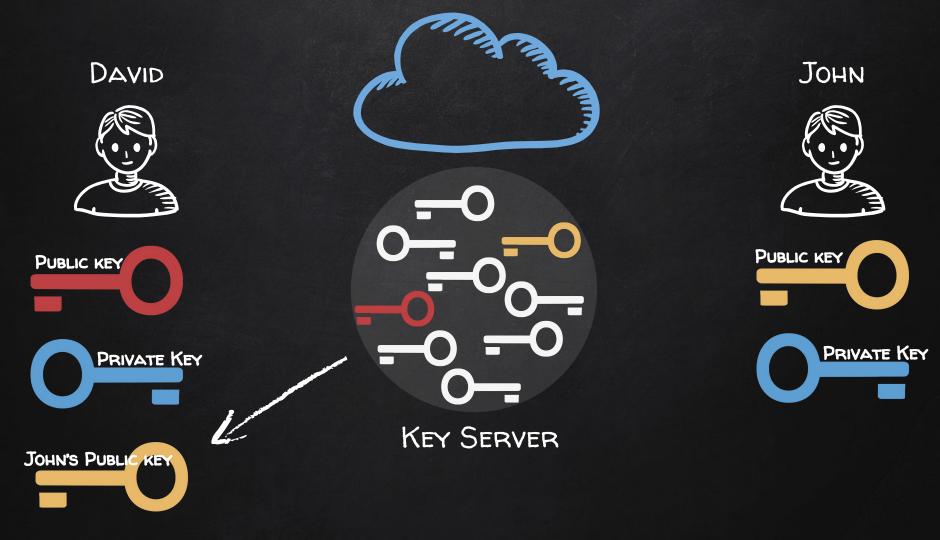
- 1. Verifies signature with sender's public key.
- 2. Decrypts message with own private key.

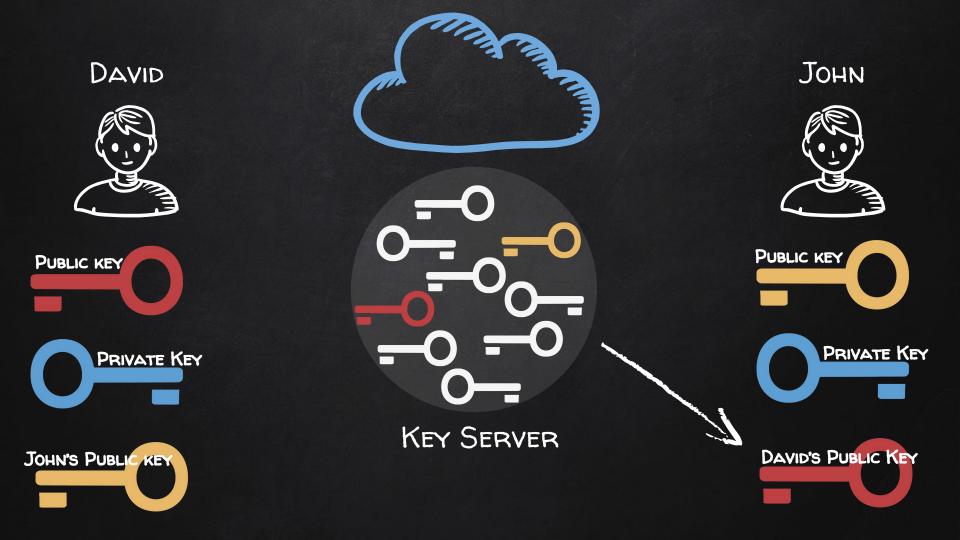


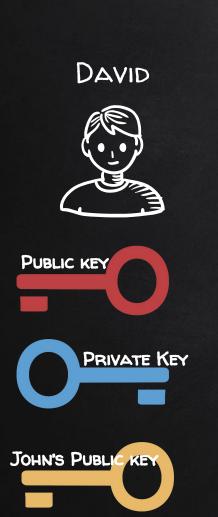














KEY SERVER







