

Asymmetric encryption for confidentiality

Bob encrypts a message m with Alice's public key KpA \rightarrow Nobody can decrypt m, except Alice with her private key Ks_A ✓ Confidentiality without the need to exchange a secret key







Ks_A, Kp_A

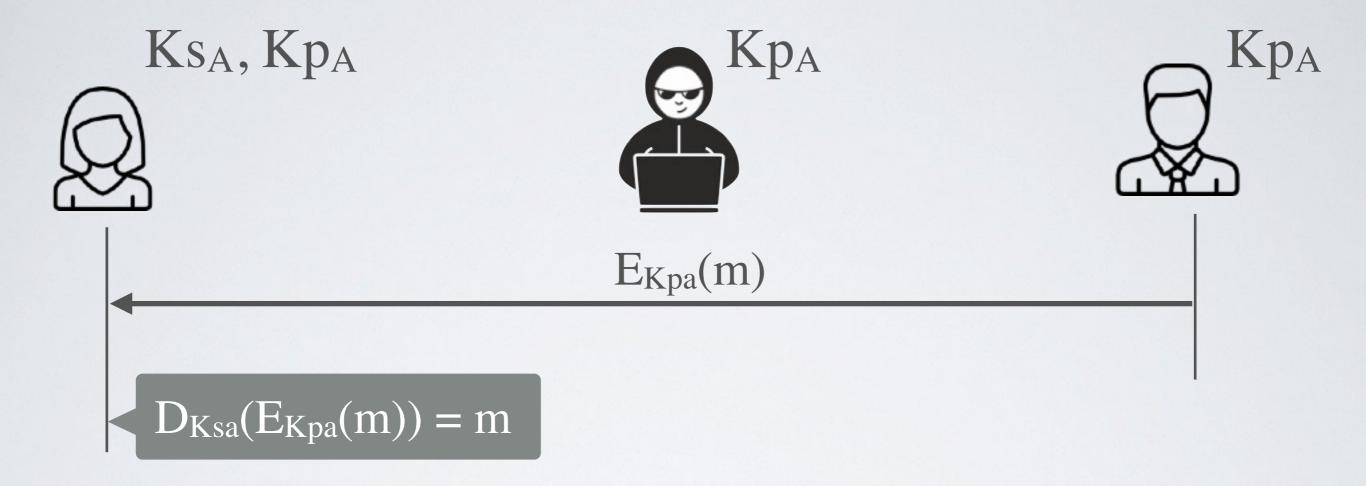








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Bob encrypts a message m with Alice's public key KpA

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Asymmetric encryption: Digital Signature

- → The private key for encryption
- → The public key for decryption

