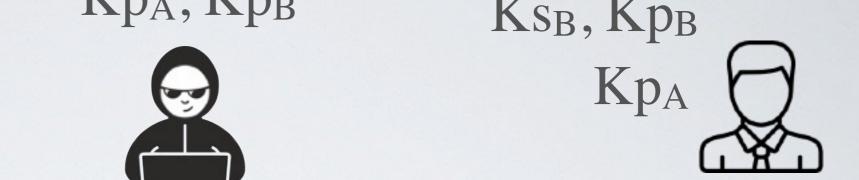
But not perfect yet

KsA, KpA





Ks_B, Kp_B



 $RSA_{KpB}(k_1), AES_{k_1}(m_1)$ $RSA_{KpA}(k_2), AES_{k_2}(m_2)$

- ✓ Does ensure the confidentiality of the communication
- Does not authenticate Alice or Bob

Asymmetric encryption for key exchange

Should we use asymmetric encryption for key exchange?

- √ Simple solution for non-interactive protocol (e.g GPG)
- But not a good solution for interactive protocols