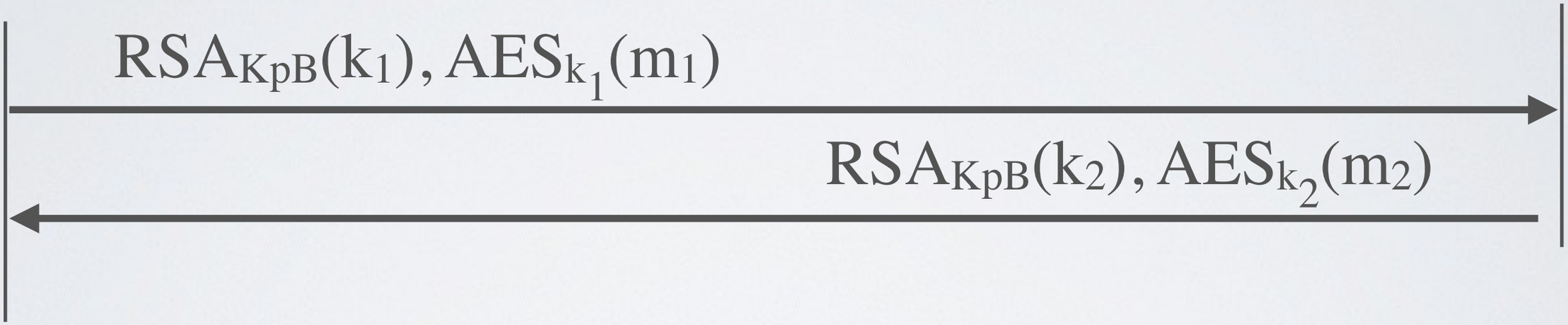
But not perfect yet

Ks_A, Kp_A

Kp_A, Kp_B

Ks_B, Kp_B

Kp_A



- ✓ 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