Lowe's fix (1995)

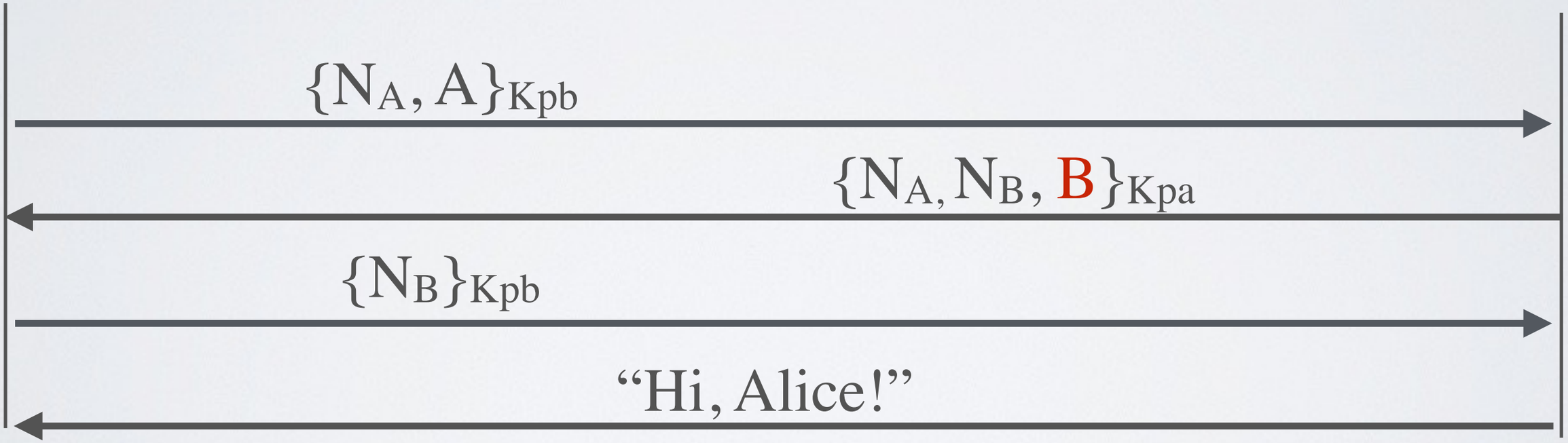

$\{N_A, A\}_{Kpb}$

$\{N_A, N_B, B\}_{Kpa}$


$\{N_B\}_{Kpb}$

“Hi, Alice!”

Lowe's fix (1995)



Not a perfect protocol yet

- ✓ Does authenticate Alice and bob
- ✓ Does prevent replay attacks
- ✓ Does ensure the authenticity of the public keys
- ◉ But the Public Key Server is a single point of failure