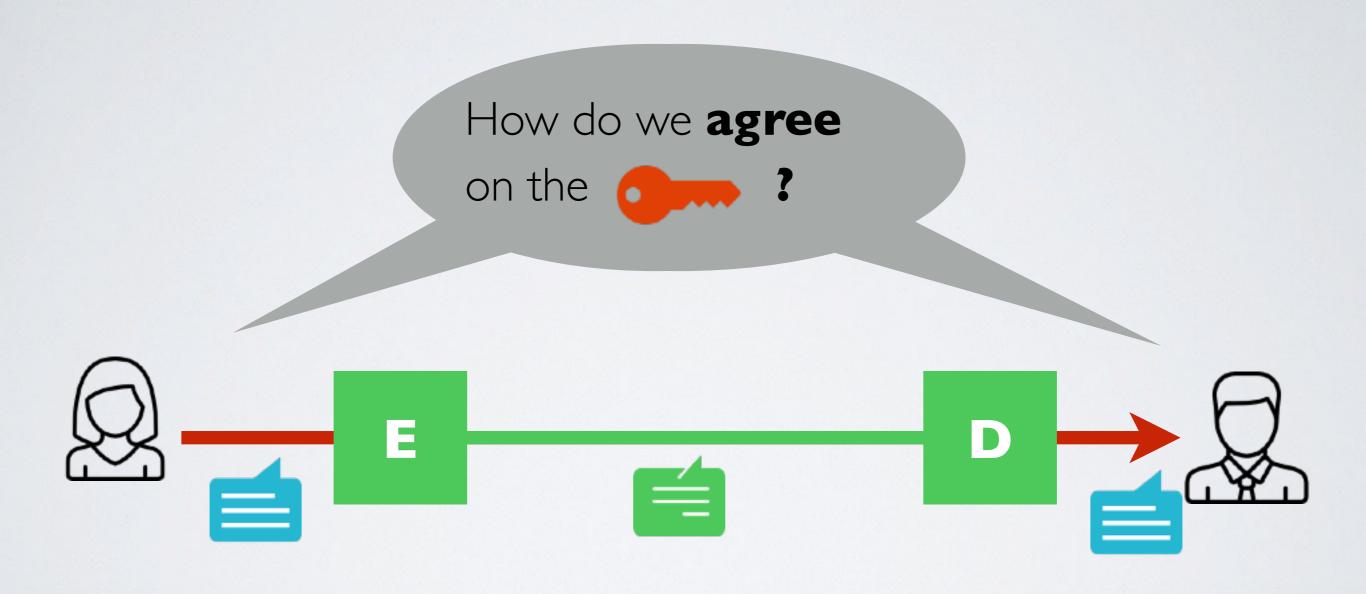
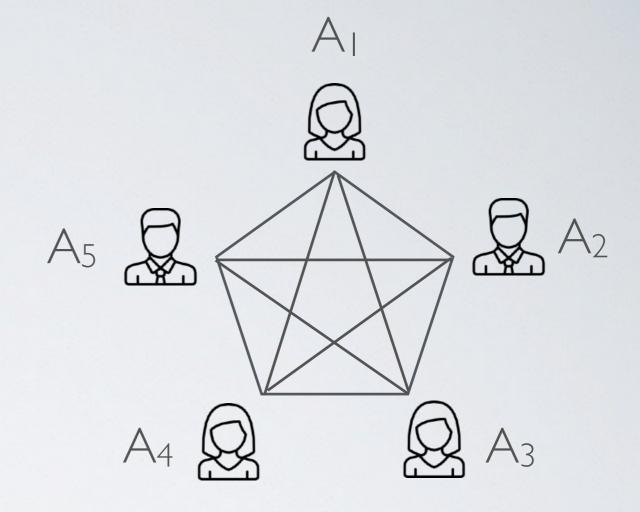
The big challenge with symmetric cryptosystems?



Naive Key Management



 $A_1, A_2 \dots A_5$ want to talk

- \rightarrow Each pair needs a key: n(n-1)/2 keys
- Keys must be exchanged physically using a secure channel