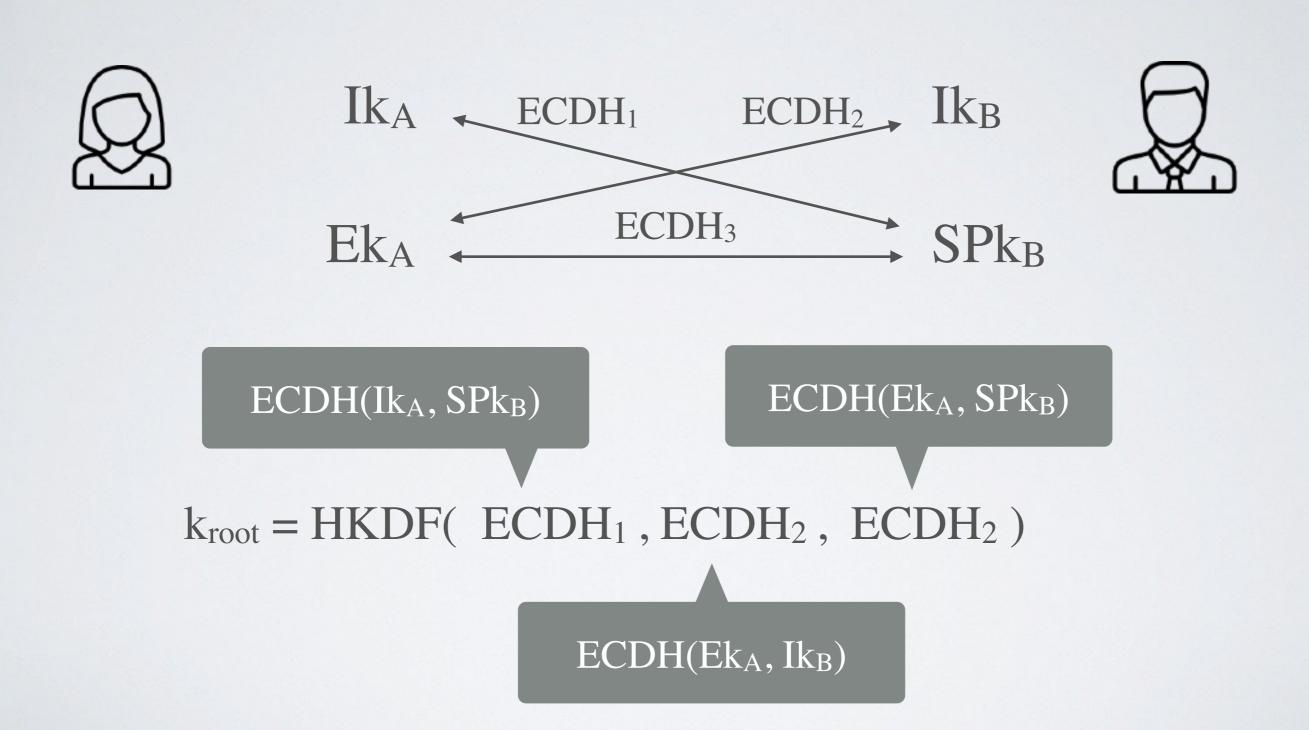
Triple Diffie-Hellman Key Exchange (3DH)



Double Ratchet Protocol

- · The root key kroot does not encrypt messages
- Use for deriving a series of keys k_1, k_2, k_3 ... that will be used to encrypt (send) and decrypt (receive) each message m_1, m_2, m_3
- → Double Ratchet Key Derivation Protocol (more details in bonus challenge)