1:1 Messages

Alice - Ao (Bo)

- A1 - Cipher1= [ Message (signed A0), A1] Bob - Bo (Ao)

Encypted by Bo - verify w/ Ao store A,

- B1 (A1)

- Ver. fy w/ Bo store B: Encripted by An Cipter 2 = [ Message (signed Bo), Bi]

- A2 (b1)

- Cipher 3 = [message (signed A1), A2] Encrytted & B1 - Verity W/ A1 store A2

Khout I'm trying to show from this dragram is that everythe a copur text gets sent the recipent was the old key to check the signature than stores the new one. They then create a new key and sign by the old key and attach the new one.

2. d Messages <u>Bob</u>:
- Bo (Ao) Allice: Ao (Bo) -A1 - Cipher 1 = [message (signed Ao), A1] Encrypted w/ Bo - Aa - Cipher 2 = [message (signed A,), A2] Encrypted w/ Bo - Cipher 2 = [message (signed A,), A2] Encrypted w/ Bo - Verify w/ to store A1 - (A1) - Verity W/A1 Store A2 - B1 (A2) - Verify w/ Bo store B1 Encrypte w/ Aa Cipher 3= [ Message (signed Bo), B1] Cipher 4 = [ Message (Signed B, ), B2] - Verify UBI Store B2 (Encrypted W/A2) - A3 (B2)