{“connect”, “A”, pub-A, KAB, C3, timestamp}pub-B

Server

Client B

Client A

{KAB{C3}, C4, timestamp }pub-B

{KAB{C3}, C4, timestamp}pub-A

{“success”, “A”, “IPA”, “PortA”, C4, timestamp}pub-B

{“is\_alive?”, “A” recv\_ip, recv\_port}KBS

{“answer\_to\_alive”, True/False}KBS