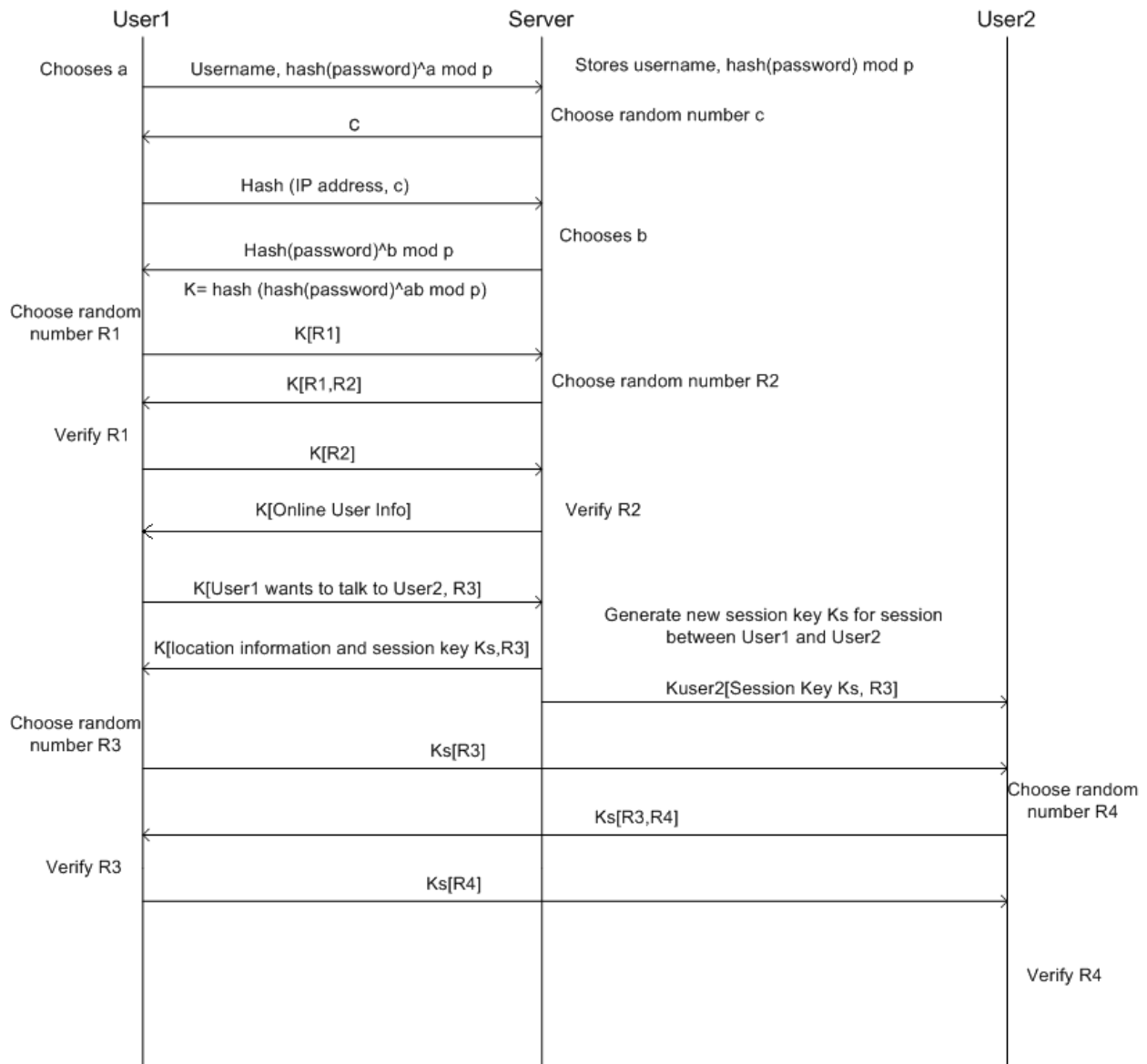


Updated IM architecture:



Changes from previous version:

- 1) Did not show how the users get the who all are logged in. Once the user is authenticated, he gets list of other user from server.
- 2) Added random number $R3$ to user request to address freshness of messages.