| Client A                            |  | Server A                       |
|-------------------------------------|--|--------------------------------|
|                                     | <b>—</b>   |                                |
|                                     | Get passphrase encrypted and<br>verified public RSA key of user B<br>from server |                                |
| Encrypt&sign messend back to server |  | 3. Message                     |
| Seria back to server                |  | is send to<br>server of user B |
| Client B                            |  | Server B                       |
|                                     | 4. User B can decrypt message  |                                |
|                                     | with private key   |                                |
|                                     | ◀  | -                              |