

Simplified TLS Flow:

unoda data va encrypt para - Symmetric key
unoda symmetric key a encrypt para - Asymmetric key

Hacker.

Balaji

flipkart.com

Step 1: Balaji types flipkart.com. flipkart server sends its public key to balaji's browser. Hacker also gets a copy

Step 2: Balaji types his username/password. This info will be encrypted using a symmetric key. But in order to send the symmetric key to server, you again need to encrypt the ~~sym~~ sym key with public key provided by server. So, you will send your data, symmetric key encrypted using public key by server.

Hacker will also get a copy.

Step 3: But, Hacker don't have private key. only, server have its private key.

Above is the Simple TLS Flow.