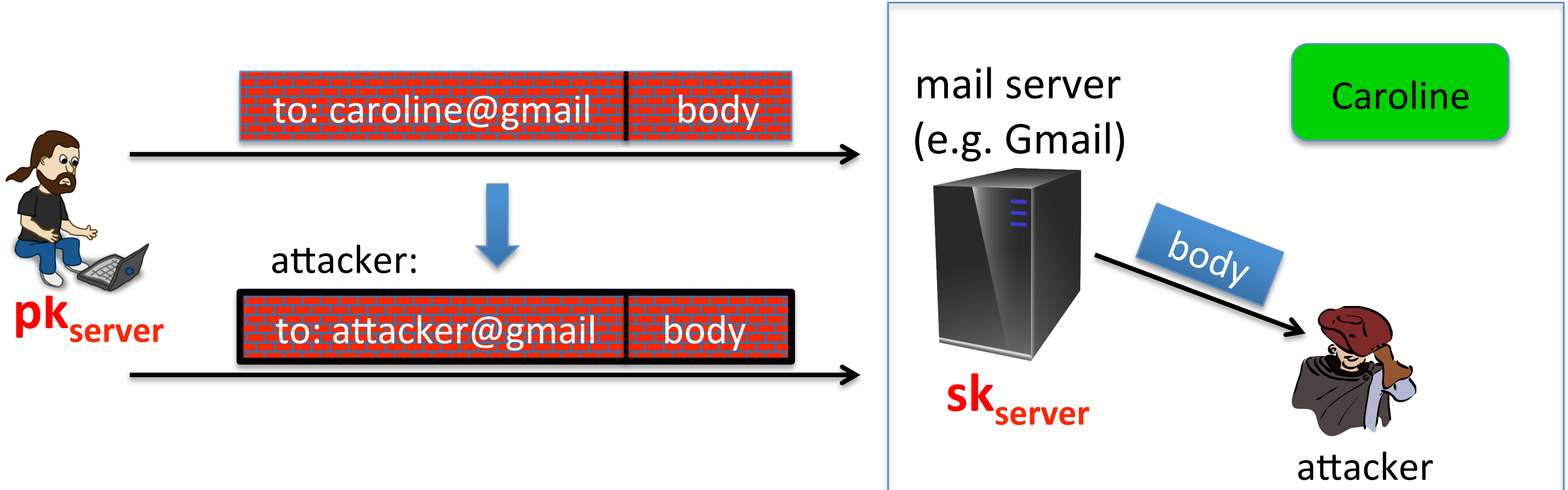
Security against active attacks

What if attacker can tamper with ciphertext?



Attacker is given decryption of msgs that start with **"to: attacker"**