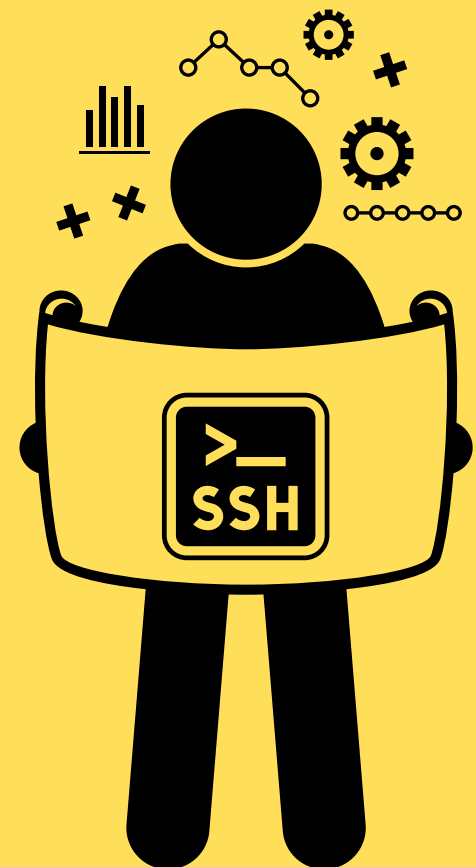


Easy Steps

# How SSH Works



**Imagine you  
wrote a  
critical letter  
to your friend**



And now you  
want to send it

**But what if someone  
intercepts and reads  
your message without  
your permission?**



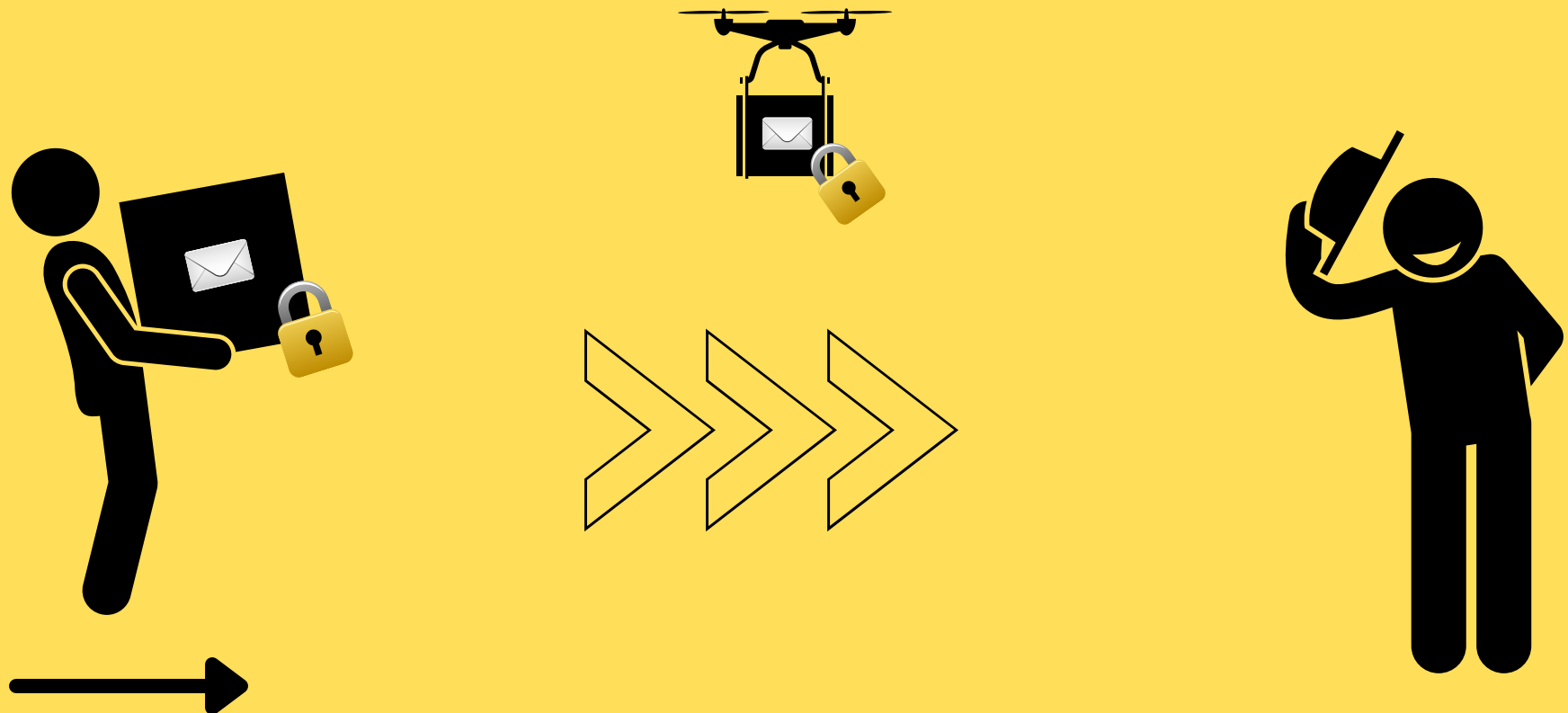
# NOW IS THE TIME FOR SSH

Secure Socket Shell is a network protocol that allows us to access and communicate with remote computers over an unsecured network

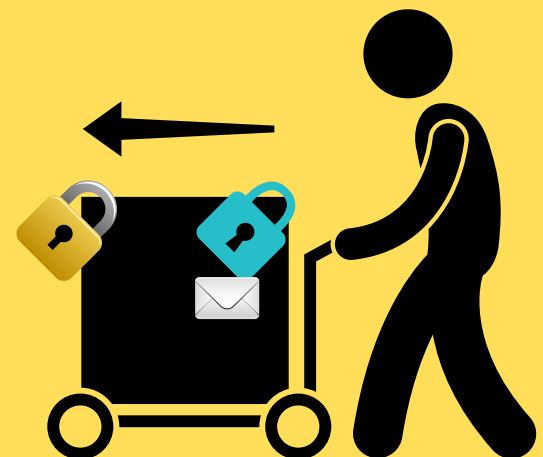
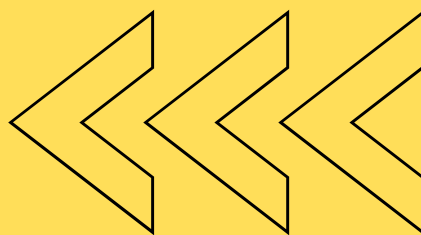


# How does it work?

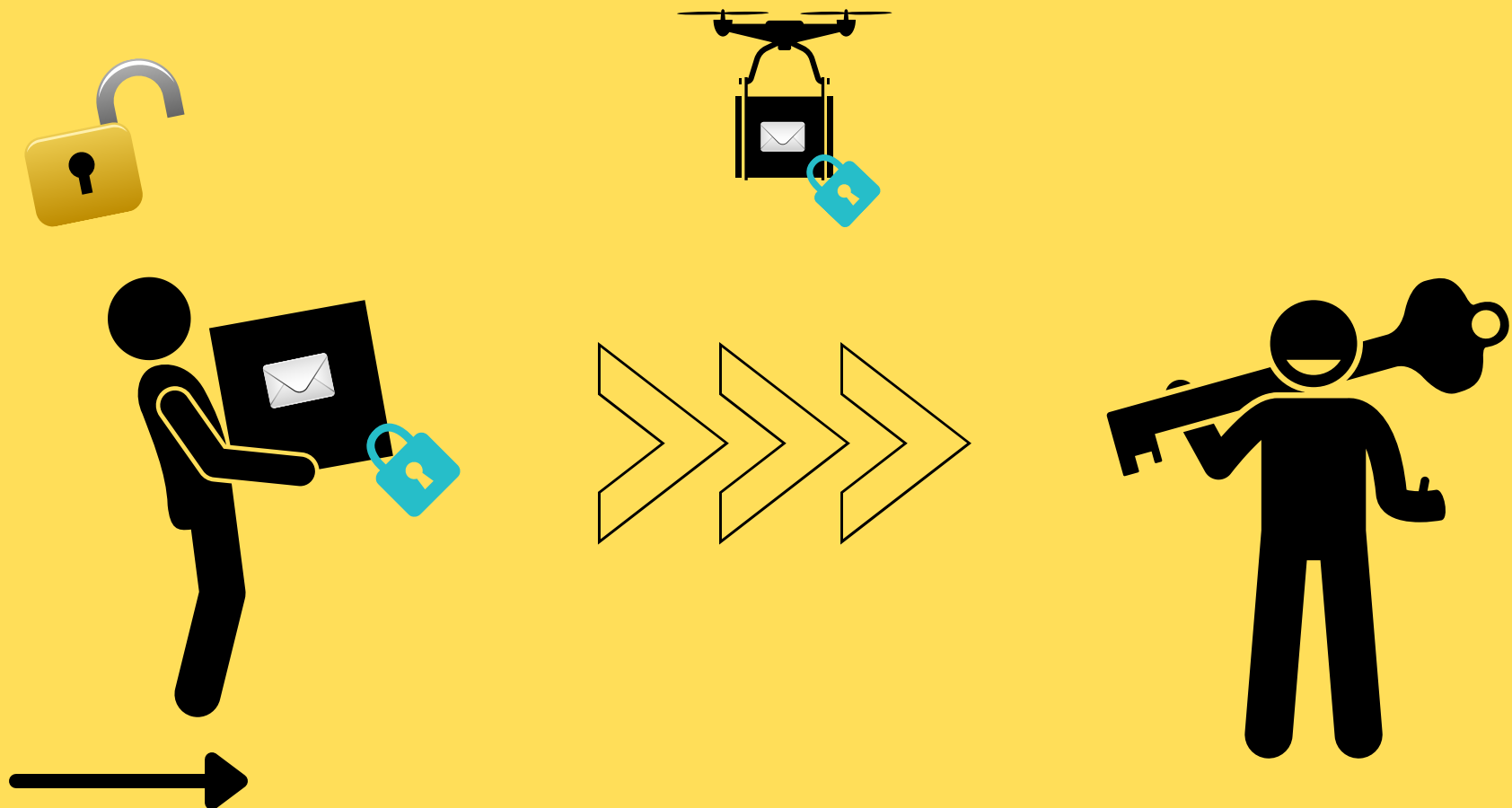
You put your letter in a box and secure it with a lock (only you have the key to the lock) and then send it to your friend



**Your friend doesn't have your key. So he adds another lock to the box and returns it to you**



You use your key to open the lock on your box and send it back to your friend with her lock locked in



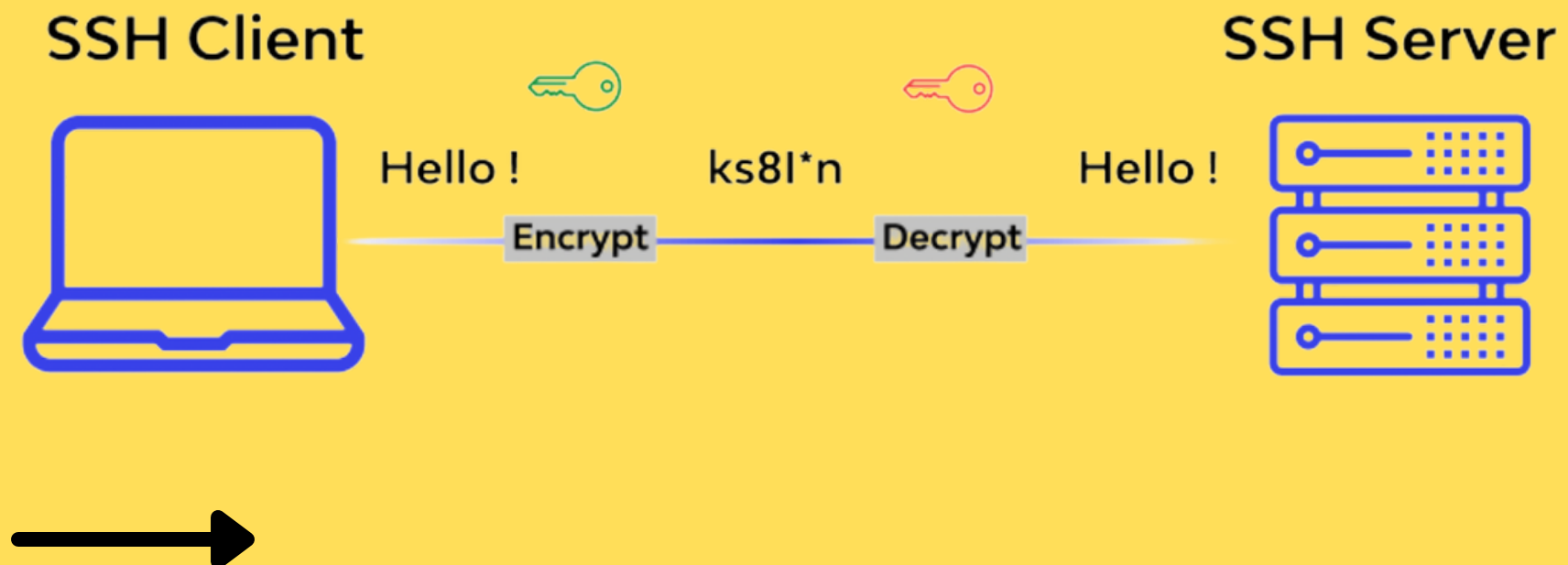
Finally, he **unlocks** the box  
using her **key** and reads the  
letter without anyone being  
able to intercept it





# The SSH protocol

uses a public-key cryptography approach  
and symmetric solid encryption and hashing  
techniques to transmit messages between  
client and server





**Ron Fybish**

Developer Advocate

# What do You Think About This Post?

I hope this helps! Comment below to let me know what else you like to learn. Follow @ronfybish to get updated :)

