

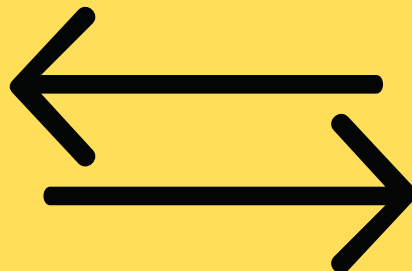
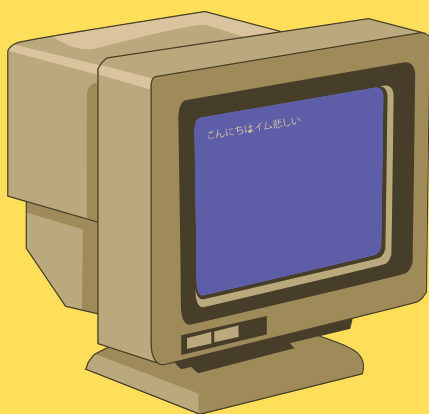
Easy Steps

# How IP works

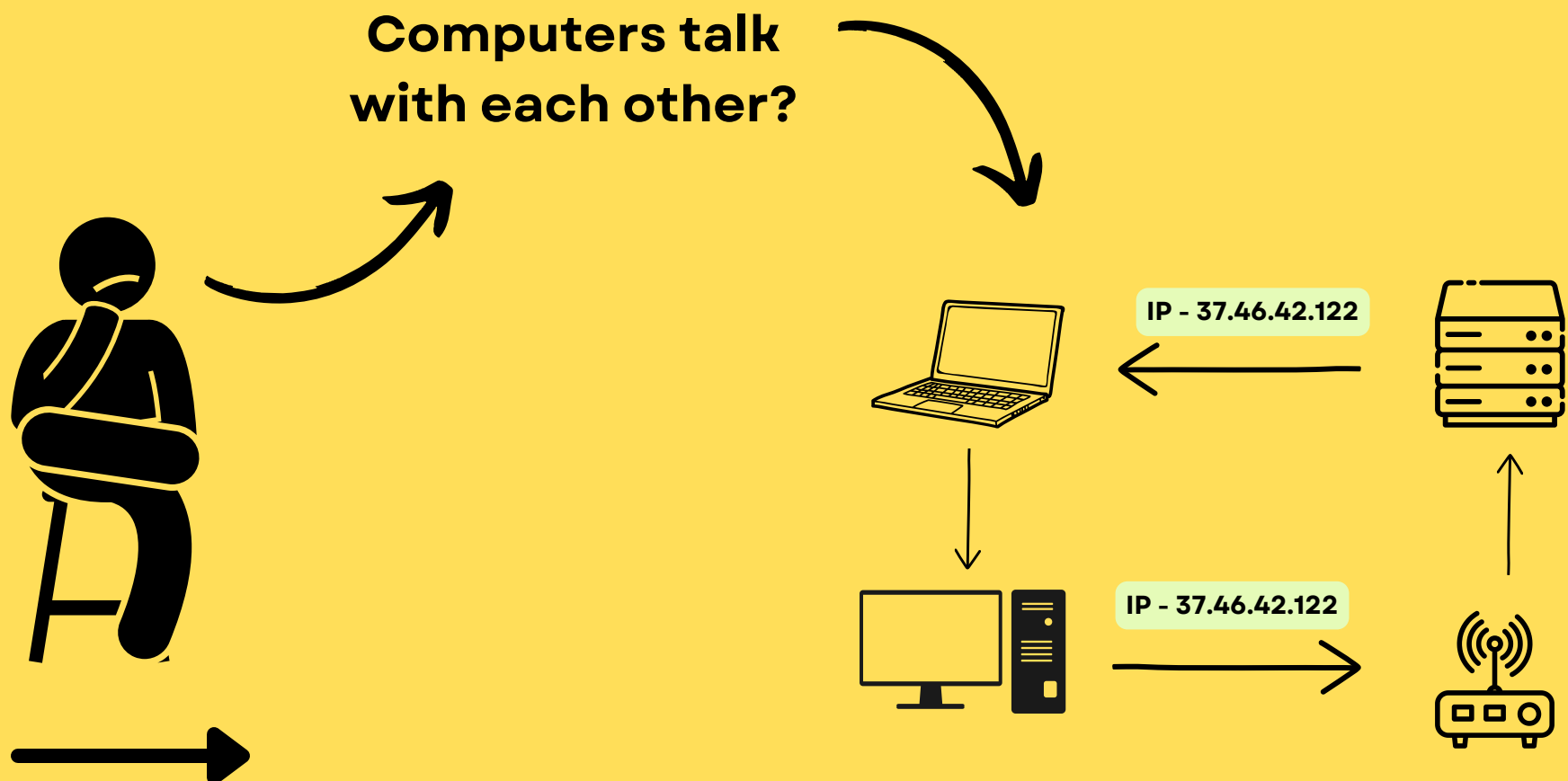


# The Internet Protocol (IP)

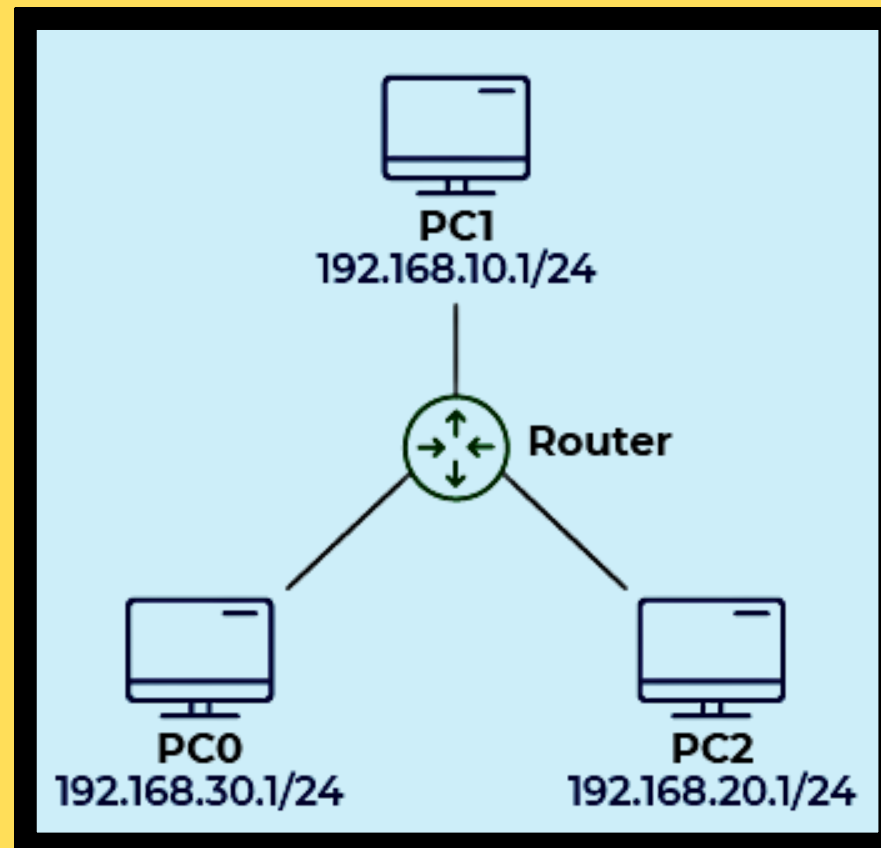
Is a system of rules used by computers to communicate with each other over the internet



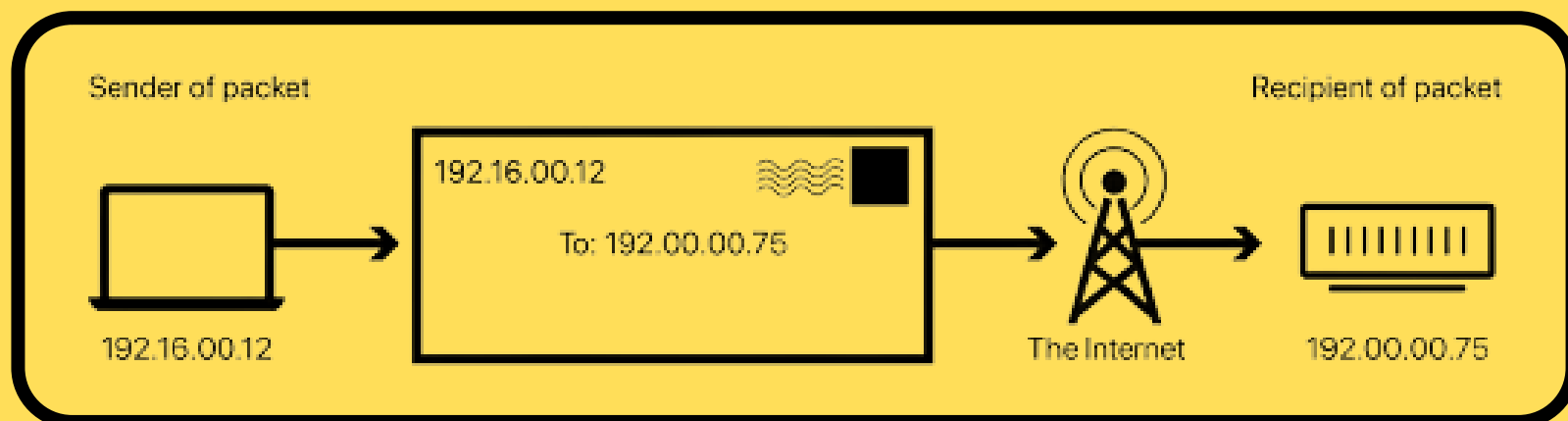
**It allows two or more computers to exchange information even in different locations**



**To do this, IP assigns each computer an address called an "IP address"**

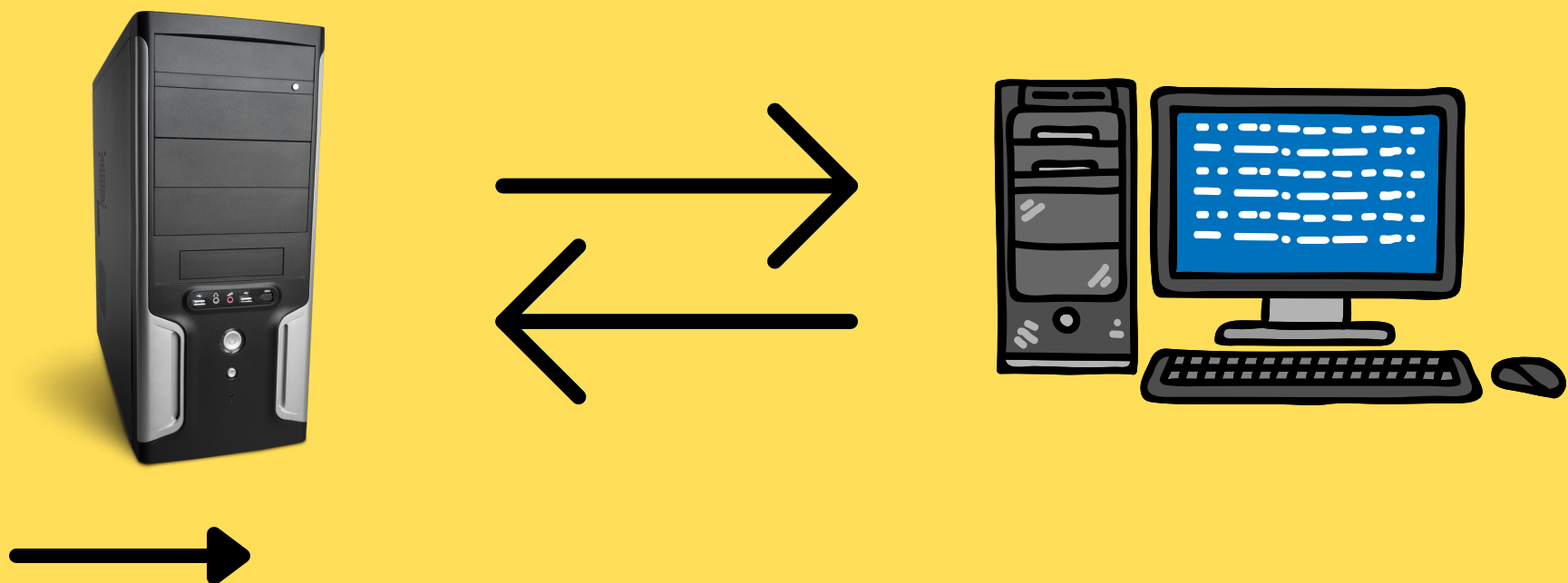


**This IP address is like a mailing address and it's used to route data packets from one computer to another**



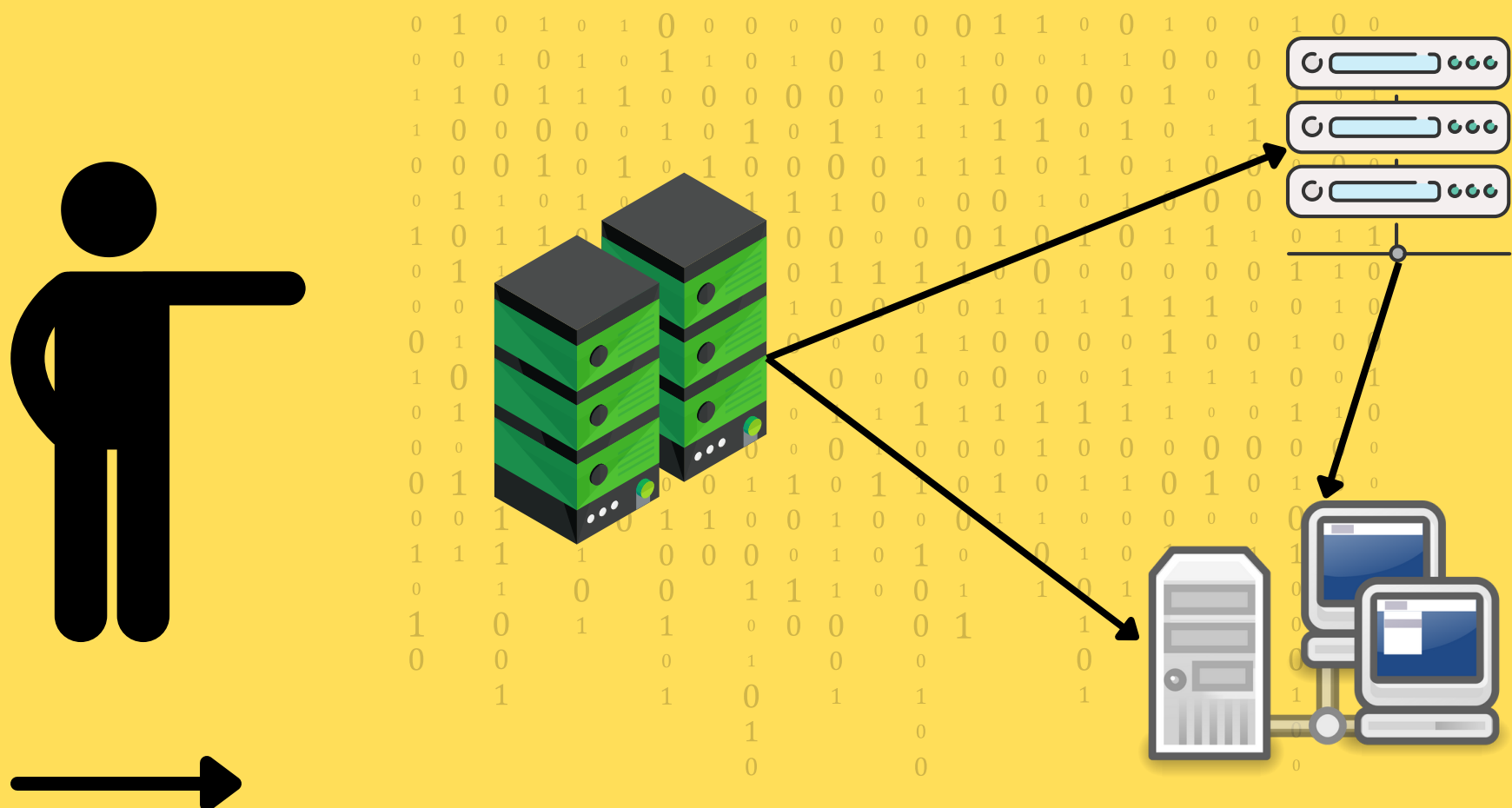
# To send information between computers

The sending computer will package the data into small "packets" and give each packet an IP address that tells it where to go



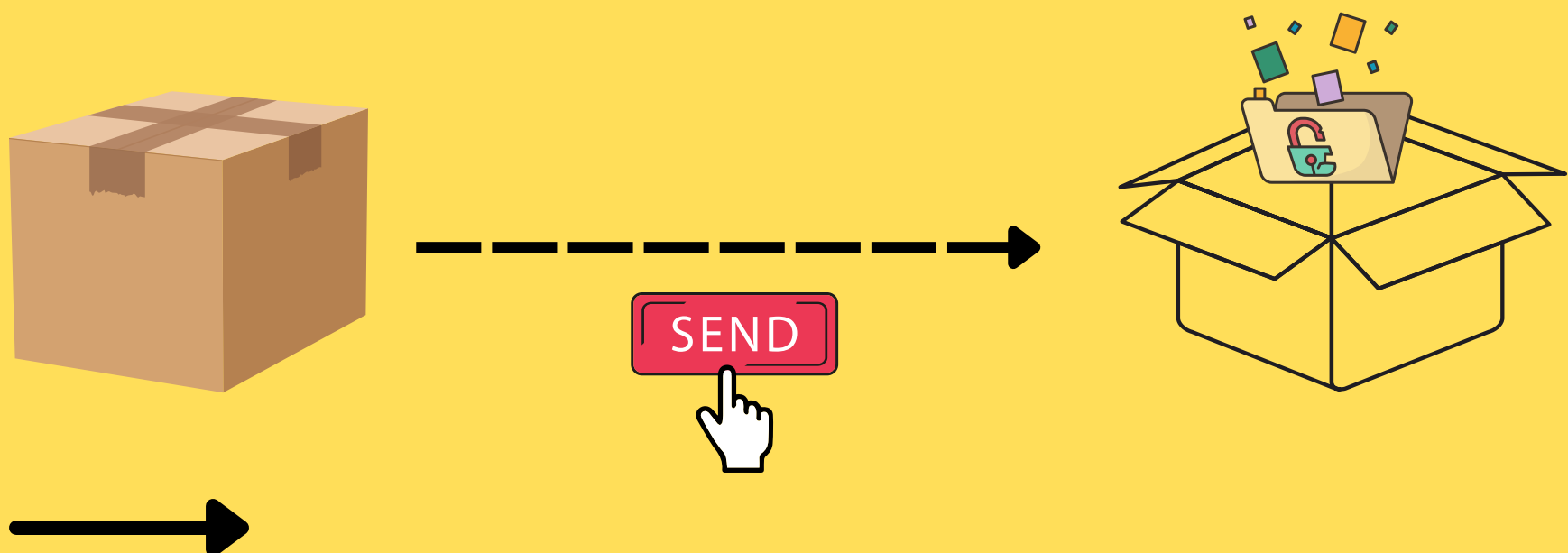
# Once the packets are sent

**They travel across a network of computers called routers that read the IP address and send them to the correct destination**



# When the packets arrive at their destination

The receiving computer can then open them up and reconstruct the original data

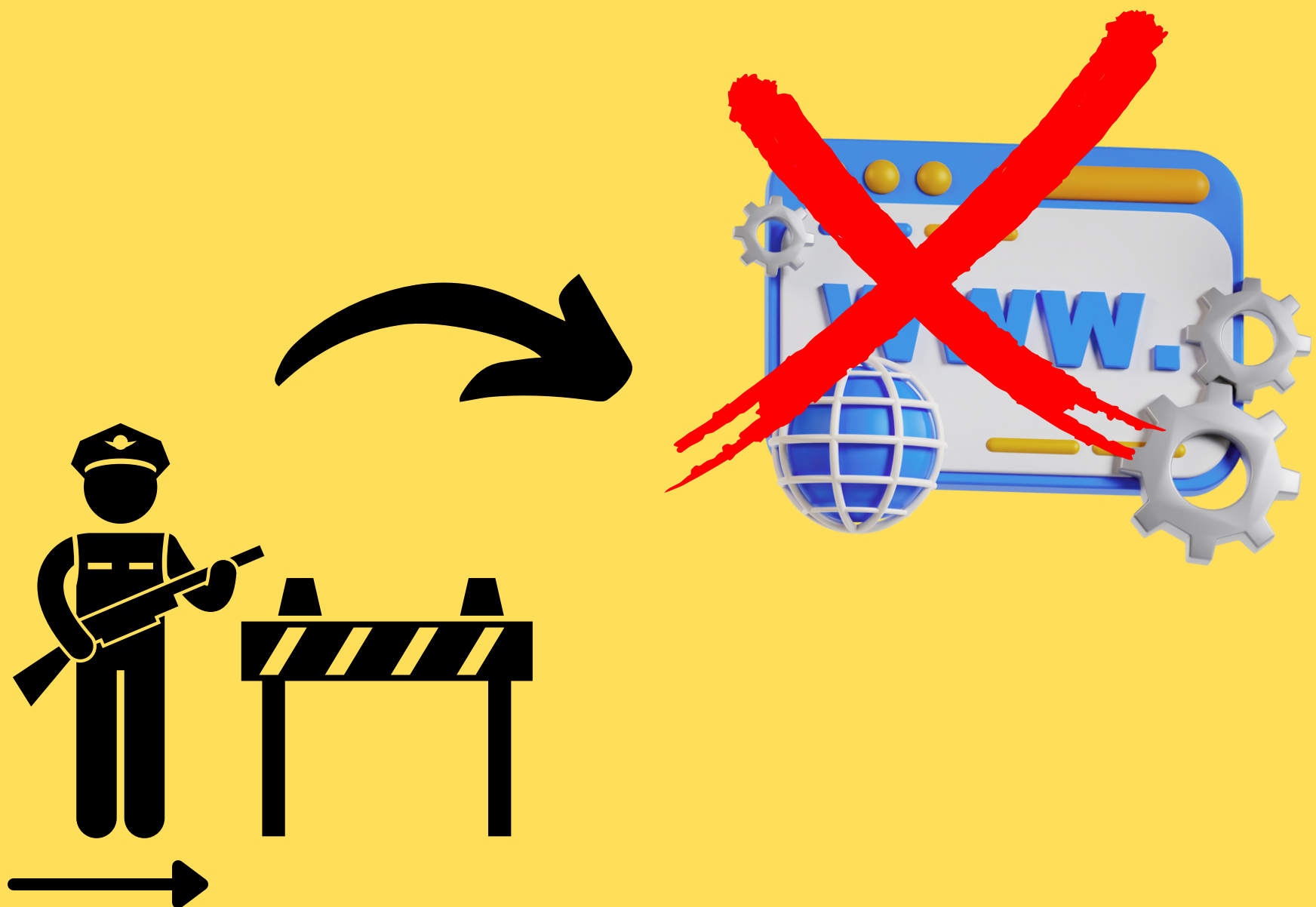




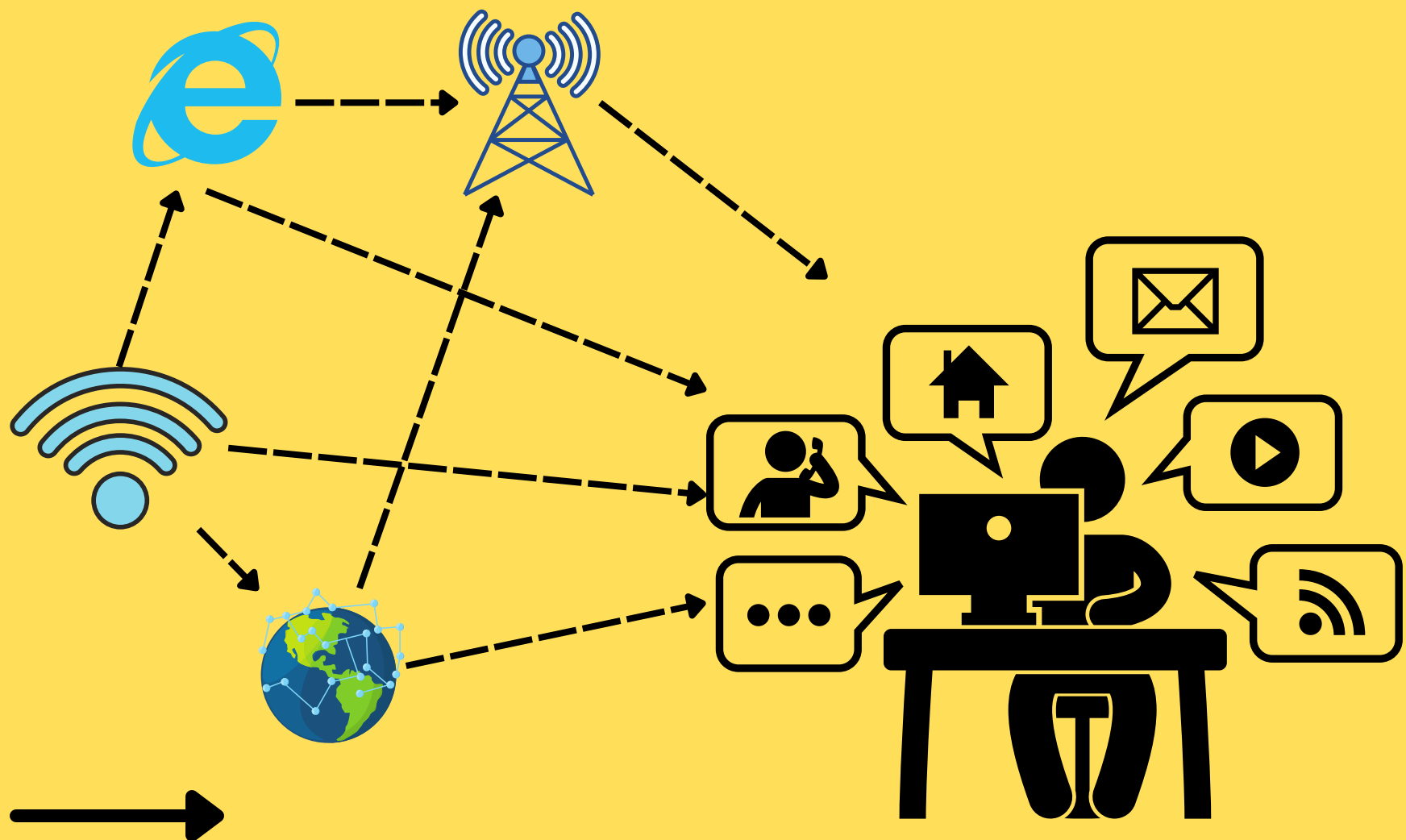
**IP is an essential part of how the internet works and it enables us to access websites, transfer files, send emails and more**



**Without IP, none of these things  
would be possible!**



**So the next time you use the internet, remember that it's all thanks to IP!**





**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 :)

