

Computer Systems and Networks

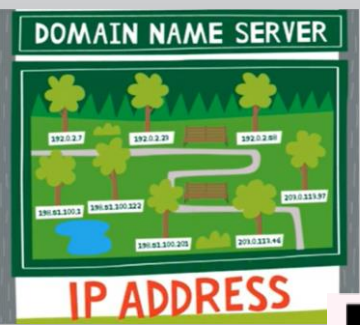


computer



router

packet



IP Address



From: 192.168.1.200
To: 192.168.1.21

Vocabulary/ Definitions

Protocols
Data packets

An agreed way of doing something

When information is being sent from one computer to another it is broken down into small bits of data called 'packets'. Each packet includes information about where the data is going to, where it is from and how to reassemble it.

Computers use an IP address (**Internet Protocol address**) to identify each other. It's a bit like a postcode that is unique to each computer connected to the internet.

IP address

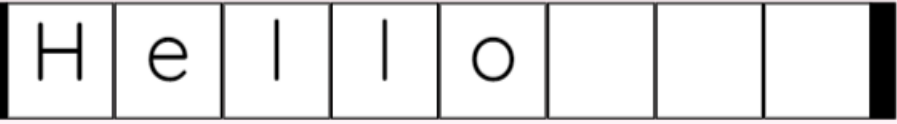
Router

Forward packets from one address to another, like traffic directing!

DNS

The DNS turns a user-friendly domain names like `bbc.co.uk` into an Internet Protocol (IP) address.

To:	From:	Message no.	o f	Total no. of messages.
192.168.1._	192.168.1._	1		1



<https://www.bbc.co.uk/bitesize/topics/z7wt/b9q/articles/z3tbgk7>



system



input

process

output



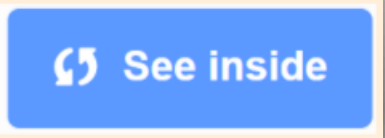
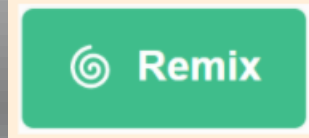
Chat

Click on the **Chat** button

Read messages

Type messages in the chat box

scratch.mit.edu/projects/343870811



Working collaboratively