

Parts of a Computer Network



Server

The heart of the network where all the files are stored, including work. This is where all the computers connect to. It also stores the login details so it knows who is using it.



Switches

**The switches move data
from
one computer to another**

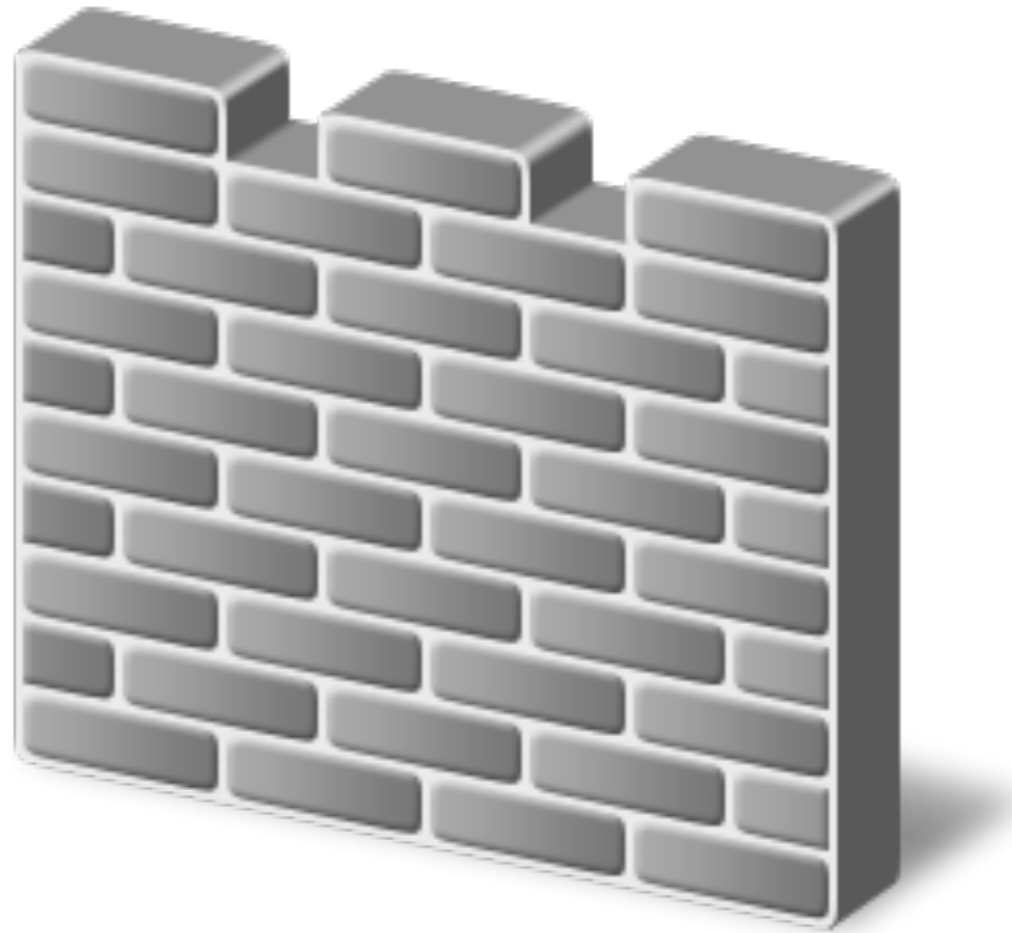


Printers

**Requests for printing
down the network are
queued.**



Router
Connects the
network to the
internet



Firewall

Software that stops harmful websites/files getting to the network that may cause viruses.



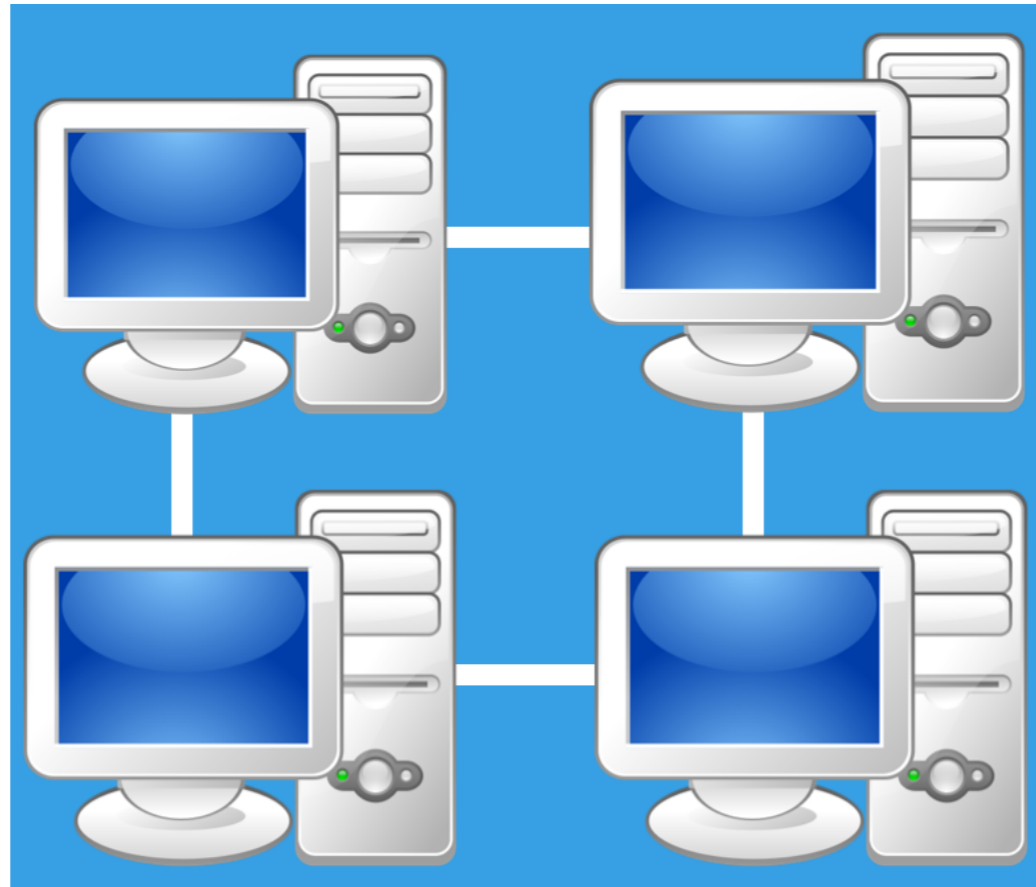
Wireless Devices

Devices such as iPads
and laptops connect to the network
wirelessly by logging on.



Wireless Access Points

**These convert data in wires
into data that travels through
the air.**



Computers (wired)

The computers connect to the network with wired network points and logging on. They can then send and request files from the server and access the Internet.



IP Address

Each device connected to a network, including wireless devices and printers, has an IP address. This is a string of numbers to find the location of the device. This helps find where problems on the network are.