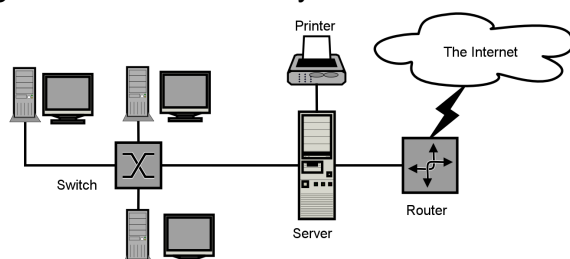
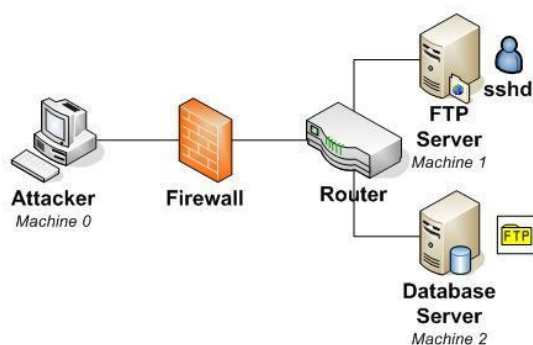


A Local Area Network or LAN made up of 1 to 100 or more Computers wired together with Ethernet Cables Sometimes these all route to a router to connect to the World wide web (WWW) Otherwise known as the internet. The internet is a vast place with many Network threats such as DDoSes (Denial of service attacks) or SQL Injection attacks which allow a hacker to login to a account they aren't supposed to such as an Administrator account. You can counter a DDoS by installing a strong firewall. Try Installing a program that prevents SQL injection scripts on your Website or Server. Frequently update the server(s) as this may help against attacks and always use a firewall. This is a visualization of a LAN Network.



As you can see the diagram above shows what I explained earlier. You should always use a firewall on the Server and the router. A firewall Protects you against malicious attacks as shown below.



As you can see the firewall blocks the attack but this might not always work and you may need more protection. Using a firewall is not always easy but not always hard. It depends on the firewall program when it comes to the difficulty of use. To install a Antivirus and firewall on Linux you need to run the command; `| sudo apt install clamav firewalld` (The “D” in firewalld means Firewall Daemon.) |

When you use a firewall you are safer on the World Wide Web / Internet. Using an Antivirus Is a good idea as well. I always use both of them and you should too if you care about your safety. Safety is the number one priority here in the Cyber security world. Using an antivirus and a firewall together is the best way to keep your computer safe from hackers and viruses.

**– WolfTech Innovations –**