

As part of your ongoing initiative to improve security at Reynholm, I have developed a custom firewall that fits your security concerns and the recommendations from your IT division. The firewall will be your first line of defense against attackers; this is especially important right now due to suspicious activity on your network. I created strict rules that control which computers can access each service. For example, SSH and web access were only able to be accessed by your Linux Mint client. However, FTP was allowed exclusively from your Windows client. I denied all access to Telnet due to the lack of encryption and the security concerns revolving around that. To make sure we are able to track all unauthorized attempts to connect to any of those services, I configured a dedicated firewall log file. I tested all of the rules that were set to make sure everything was functioning properly and then compiled them into a single log file for you and your IT department to look over. I believe this will strengthen your network security by only allowing services to systems that need access.