# Initial Assessment of Network

Identifying what the network is being used for and how it will be restructured for the next steps. Knowing what is normally being used and what isn’t.

# Restructure Network

Logically divide the network and subnet the computers by floor into different physical groups.

# Log and Monitor Network Traffic

Log and monitor the data flowing through the network, identifying what is important to our guiding question.

# Close Unnecessary Communication

Close any ports that we know for a fact isn’t being used to mitigate any risks and not impede any collected data.

# Create Cloud Environment

Using Microsoft Azure to create a Cloud-based environment to host SIEM.

# Create Dashboards

Create dashboards and filters to separate data where necessary.

# Analyze Information Collected

Use information collected to create graphics and to determine what the greatest potential threats are to the home network.