Firewall Lab for Windows 11

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**Purpose**

The purpose of this lab is to exercise the knowledge gained about firewalls from this course. In this lab, you will block Microsoft Edge web browser then attempt to perform a search using Microsoft Edge to demonstrate the firewall functioning properly. Afterwards, you will delete the rule and unblock Microsoft Edge.

**Methods**

To begin, open the Advanced Firewall Settings. Then, add an outbound rule by program. Follow the following file path to locate the Microsoft Edge application file when you Browse. Keep in mind you must double click to open the folders:

**OS(C:) >> Program Files (x86) >> Microsoft >> Edge >> Application >> mesedge**

A screenshot of a computer

Description automatically generated

Once you have the Microsoft Edge program chosen, block the connection, name it “Block Edge” and click finish.

Next, using the search option, search for “Edge” and click to open it. A screenshot of a computer

Description automatically generatedSearch for anything you’d like in the search bar. A screenshot of a video game

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Keep in mind what happens when you attempt to make a search.

Once you are done attempting to search using Microsoft Edge, go back to the Advanced Firewall Settings, find the “Block Edge” rule, and delete it. If you try searching with Microsoft Edge again, it should now work like normal.

**Discussion/Conclusion**

If initiated correctly, Microsoft Edge should be disabled and unable to work until you delete the rule at the end.

Question 1: What happened when you tried to search using Microsoft Edge after you added the firewall rule?

Question 2: If the application didn’t successfully block, what might have gone wrong?

Question 3: What have you learned from the Firewalls unit of this course?