**Timeline of Network-Delivered Attacks and IP Spoofing Analysis**

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Timeline of Network-Delivered Attacks and IP Spoofing Analysis

This paper will cover some common network security issues and report on code that is setup to spoof the IP address of a client. First, the dangers of default passwords will be explained and a truncated list of passwords for devices will be provided. Next, a detailed timeline of network-delivered attacks will be reviewed. Finally, the paper will end with an analysis of the IP spoofing C code.

# Default Passwords

Every network device that requires administrative privileges will need to ship with a default password. The majority of these will be a set standard that all similar models share when they are first created. The Open Web Application Security Project classifies default passwords as a security misconfiguration vulnerability and ranks it sixth out of the top ten vulnerabilities (2021).

A simple search on Google will provide many web pages with a list of default passwords for many network devices. One such list can be found on <https://datarecovery.com> and contains 1,252 password and device pairs (2019). A small sample is shown below as a screenshot

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Description automatically generated

Figure 1. A sample screenshot of all listed network devices and default passwords as shown on datarecovery.com.

**Timeline of Network-Based Attacks**

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[To update the table of contents (TOC), apply the appropriate heading style to just the heading text at the start of a paragraph and it will show up in your TOC. To do this, select the text for your heading. Then, apply the style you need.]

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References

*A05:2021 – Security Misconfiguration*. OWASP Top 10:2021. (2021) <https://owasp.org/Top10/A05_2021-Security_Misconfiguration/>

*List of default passwords*. Datarecovery.com. (2019, May 30). <https://datarecovery.com/rd/default-passwords/>

Footnotes

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Tables

Table 1

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| Column Head | Column Head | Column Head | Column Head | Column Head |
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| Row Head | 123 | 123 | 123 | 123 |
| Row Head | 456 | 456 | 456 | 456 |
| Row Head | 789 | 789 | 789 | 789 |

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