# Cybersecurity Incident Report

|  |
| --- |
| **Section 1: Identify the type of attack that may have caused this**  **network interruption** |
| One potential explanation for the website's connection timeout error message is:  The logs show that:  This event could be: |
|

|  |
| --- |
| **Section 2: Explain how the attack is causing the website to malfunction** |
| When website visitors try to establish a connection with the web server, a three-way handshake occurs using the TCP protocol. Explain the three steps of the handshake:  1.  2.  3.  Explain what happens when a malicious actor sends a large number of SYN packets all at once:  Explain what the logs indicate and how that affects the server: |