# Cybersecurity Incident Report

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| **Section 1: Identify the type of attack that may have caused this**  **network interruption** |
| Due to the high volume of TCP SYN requests, it’s most likely that a threat actor is performing a SYN flood Denial of Service attack on the internal network. |
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| **Section 2: Explain how the attack is causing the website to malfunction** |
| The threat actor is overloading the system with SYN requests, AKA attempts to connect to the network via the TCP protocol – which is causing the main TCP communication protocol to stop responding to requests. This overload of requests is causing the “connection timeout” error because the TCP protocol cannot handle the flood of SYN requests sent by the threat actor. |