

Cybersecurity Incident Report

Section 1: Identify the type of attack that may have caused this network interruption

The threat actor (IP address 203.0.113.0) is using a SYN Flood Attack to perform this Denial of Service attack

Section 2: Explain how the attack is causing the website to malfunction

The website malfunctioned because it received too many home-page requests, with each log gaining in value and causing the server to take longer to try and process each request. These requests were coming every second, causing the server to take longer with each attempt to load the HTTP page until the HTTP/1.1 504 Gateway Time-out error occurred. This attack caused the website to be offline and caused potential revenue loss for the company.