Denial of service attacks are arguably one of the most common attacks launched among people. The target size can range anywhere from a single person all the way up to a large corporation. They are fairly simple to initiate so that means people with little skill such as “script kiddies” are easily able to use this method. If somebody is not prepared for an attack like this. This could result in wasted time and money.

A Denial of Service attack is mainly caused by the flooding of packets from a source to the destination or target. It is also commonly called SYN flooding because the sending on many SYN packets causes the attack. Using fake IP addresses forces connections to remain open and therefore, slowing down or completely stopping network traffic. This can be detrimental to people that rely on a stable network connection. This is why sufficient measures are needed to be taken to ensure prevention of these attacks.

While the steps may seem simple to prevent, it is difficult to pinpoint what exactly needs to be done to stop these attacks. Filters are firewalls are a great method but need to be properly configured. There needs to be a free flow of normal network traffic that is uninterrupted while blocking out possible malicious attacks and floods. A simple attack method such as Denial Of Service attacks can be very tricky to mitigate and prevent.

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