ANATOMY OF A DDOS ATTACK

Telco Security Alliance

DDoS Attack

Website not accessible?
Unable to reach your web application?
Application slow or not responding?
Sudden spike in traffic volume ?

May be you are under a DDoS Attack

Infected devices- Bots

Attackers create a network of Infected devices called BoTs which can be used as a source of attack origination

Fact: 7.7 million devices connected to the internet daily

Target identification

Malicious intents, Hactivism, Geo-Political vendettas and Smokescreens are few reasons for selecting a target

Fact: Global frequency of DDoS attacks has increased by 39% in H1 2019

Attack initiation

Huge amount of traffic is sent to target assets from multiple sources exhausting all resources of the asset which in turn brings the asset offline

Fact: Attacks as large as 631 Gbps hase been observed in H2 2019. Such an attack is sufficient to bring any web application offline.

Mitigation

ISPs across the globe can help in mitigating the attack in the network before it reaches your premise

*Fact: Etisalat, Telefonica, Singtel and Softbank provides 24*7 managed security services that can help to defend against any such devstating DDoS attack*

Want to know more about Global DDoS attacks and how to protect against the threats? Read the report:

Global DDoS Threat Report

2019 review

A Telco Security Alliance view