ANATOMY OF A DDoS ATTACK

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
Attacker 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, Geopolitical vendettas and Smokescreens are few reasons for selecting a target
Fact: Global frequency of DDoS attacks had 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 have 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 provide 24*7 managed security services that can help to defend against any such devastating 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