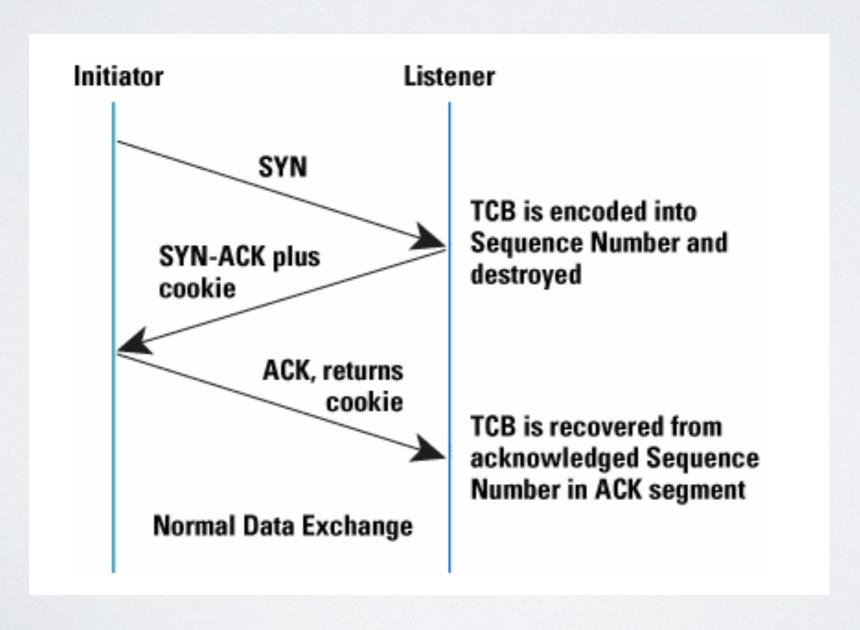
## Preventing TCP-syn flooding

TCP-syn cookie prevents from maintaining a queue of half-opened TCP connections



## Preventing DOS and DDOS attacks in general

## Network Ingress Filtering (a.k.a BCP 38)

Best Current Practice to limit the impact of DOS and DDOS

- 1. Deny access to network traffic with spoofed addresses
- 2. Ensure that traffic is traceable to its correct source network
- → Implemented by ISPs (Internet Service Providers)