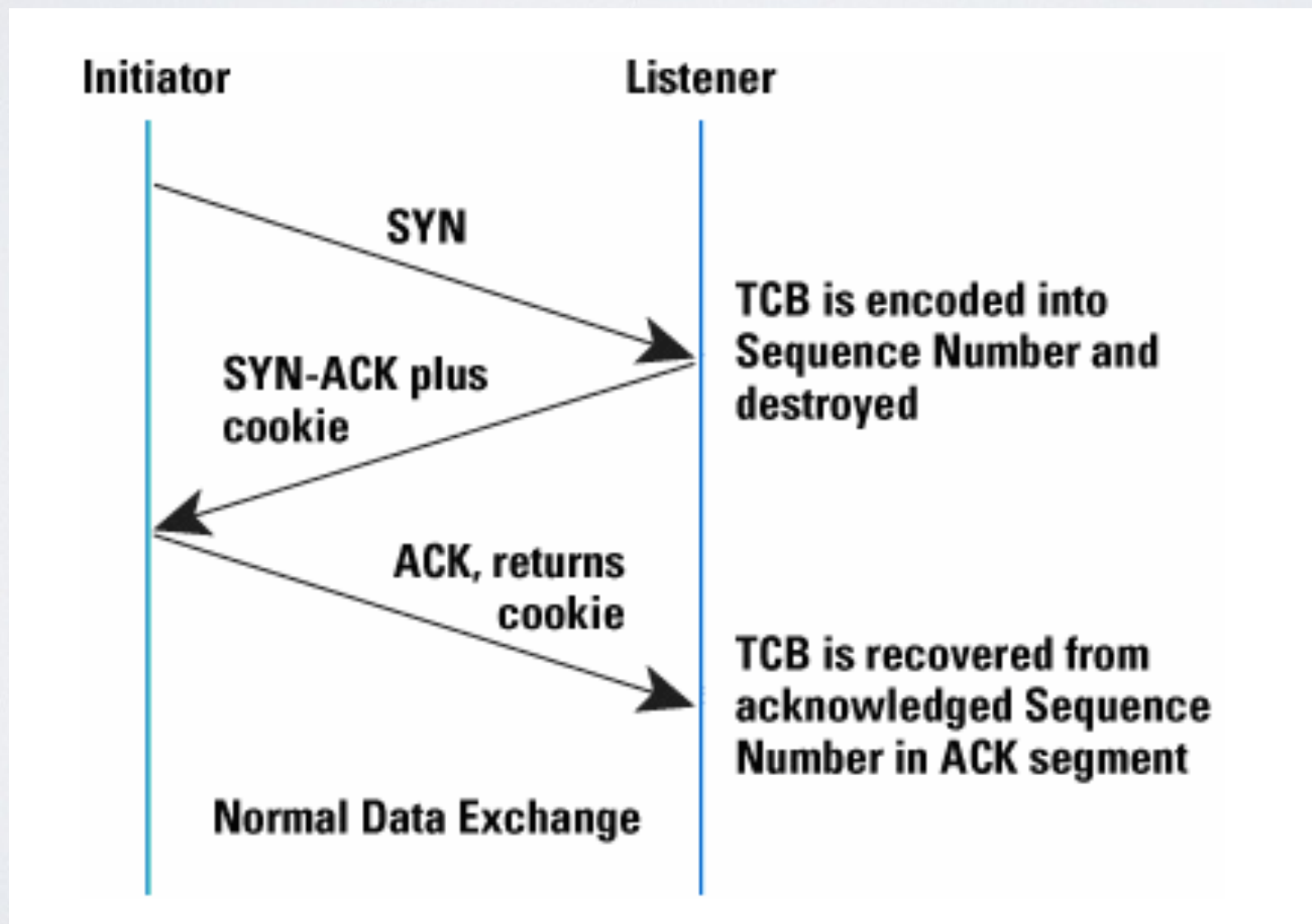


Preventing TCP-syn flooding

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)