

## List of Abbreviations

ACK	Acknowledgement for receipt of messages between systems
Application DDoS	Overload web application resources by Layer7 DDoS attacks
Botnet	Network of Bot or Zombies infected by malware
CDN	Content Delivery Networks to deliver web pages and content
CSP	Cloud Service Provider that provides cloud based services
DDoS	Distributed Denial of Service
DNS	Internet's equivalent of phone directory
DoS	Denial of Service
HTTP	Hypertext Transport Application protocol on web
IaaS	Infrastructure As A Service
ICMP Flood	Ping each request packets without waiting for replies
ICT	Information & Communication Technology
IP	Internet Protocol for network layer to send computer messages
ISP	Internet Service Provider organization for accessing the internet
LAN	Local Area Network
Layer 3	Network Layer of the OSI model
Layer 4	Protocol Layer of the OSI model
Layer 7	Application layer of OSI model
NTP	Network Time Protocol for clock synchronization
PaaS	Platform As A Service
SaaS	Software As A Service
SSL Flood	Concurrent SSL requests overwhelm web servers
SYN Flood	Exploit three-way handshake TCP sequence
TCP	Transmission Control Protocol
Teardrop Flood	Oversized, over lapping TCP Fragments
UDP Flood	Flood random ports with numerous UDP packets
URL	Uniform Resource Locator for referencing address on internet
VM	Virtual Machine
Volumetric attack	Network flooding attacks with excessive data traffic
VPN	Virtual Private Network
WAF	Web Application Firewall
WAN	Wide Area Network
XML	Extensible Markup Language