

ABBREVIATIONS

ANFIS	Adaptive Neuro Fuzzy Inference System
ANN	Artificial Neural Network
ATCF	Abnormal Traffic Control Framework
BSD	Berkeley Software Distribution
DoS	Denial-Of-Service
DDoS	Distributed Denial-Of-Service
DNS	Domain Name System
EMERALD	Event Monitoring Enabling Responses To Anomalous Live Disturbances
FSD	Flow Size Distribution
FTP	File Transfer Protocol
GrIDS	Graph Based Intrusion Detection System
HTTP	Hyper Text Transfer Protocol
IBM	International Business Machines
ICMP	Internet Control Message Protocol
ID	Intrusion Detection
IDE	Integrated Development Environment
IDENTD	The Identification Protocol Daemon
IDS	Intrusion Detection System
IGMP	Internet Group Management Protocol
IP	Internet Protocol
ISP	Internet Service Provider
ISN	Initial Sequence Number

JPCAP	Java Packet Capture
JVM	Java Virtual Machine
LAN	Local Area Network
MINDS	Minnesota Intrusion Detection System
NBKE	Naive Bayes Kernel Estimator
NDIS	Network Driver Interface Specification
NIDS	Network Intrusion Detection System
NMAP	Network Mapper
NSM	Network Security Monitor
PGA	Partheno-Genetic Algorithms
PHAD	Packet Header Anomaly Detection
PSD	Peering Centre Surveillance Detection
QoS	Quality Of Service
RAA	Reconnaissance Activity Assessment
RFC	Requests For Comments
RNN	Random Neural Networks
SCTP	Stream Control Transmission Protocol
TCP	Transmission Control Protocol
TFDS	Time Based Flow Size Distribution Sequential
TRW	Threshold Random Walk
UDP	User Datagram Protocol
URL	Uniform Resource Locator
WORA	Write Once, Run Anywhere