

DAFTAR SINGKATAN

AI	: Artificial Intelligence
API	: Application Programming Interface
ARM	: Advanced RISC Machine
Botnet	: Robot Network
CoAP	: Constrained Application Protocol
CPU	: Central Processing Unit
DAQ	: Data Acquisition
DDoS	: Distributed Denial of Service
DNS	: Domain Name System
DoS	: Denial of Service
DFD	: Data Flow Diagram
eMMC	: embedded MultiMediaCard
FTP	: File Transfer Protocol
GB	: Gigabyte
GDPR	: General Data Protection Regulation
GPU	: Graphics Processing Unit
HTTP	: Hypertext Transfer Protocol
ICMP	: Internet Control Message Protocol

IDS	: Intrusion Detection System
IDPS	: Intrusion Detection and Prevention System
IoT	: Internet of Things
IP	: Internet Protocol
IPS	: Intrusion Prevention System
ISO/IEC	: International Organization for Standardization/International Electrotechnical Commission
KB	: Kilobyte
LAN	: Local Area Network
LPDDR4x	: Low Power Double Data Rate 4X
MB	: Megabyte
ML	: Machine Learning
MQTT	: Message Queuing Telemetry Transport
Mbps	: Megabit per second
NIST	: National Institute of Standards and Technology
NFQ	: Netfilter Queue
OISF	: Open Information Security Foundation
OS	: Operating System
OTG	: On-The-Go
PCAP	: Packet Capture

PCIe	: Peripheral Component Interconnect Express
PDNS	: Pusat Data Nasional Sementara
PoE+	: Power over Ethernet Plus
PSU	: Power Supply Unit
RAM	: Random Access Memory
SBC	: Single Board Computer
SDRAM	: Synchronous Dynamic Random-Access Memory
SIEM	: Security Information and Event Management
Snort	: Snort is a free and open source network intrusion prevention system (NIPS) and network intrusion detection system (NIDS)
SSH	: Secure Shell
SSD	: Solid State Drive
STRIDE	: Spoofing, Tampering, Repudiation, Information Disclosure, Denial of Service, Elevation of Privilege
SYN	: Synchronize
TCP	: Transmission Control Protocol
TLS	: Transport Layer Security
UDP	: User Datagram Protocol
UHS-I	: Ultra High Speed Class 1
UKM	: Usaha Kecil dan Menengah

USB : Universal Serial Bus

Wi-Fi : Wireless Fidelity

WPA2 : Wi-Fi Protected Access 2