

LIST OF ABBREVIATION

BB	: Boneh-Boyen
bit	: Binary Digit
CPU	: Central Processing Unit
ECDH	: Elliptic Curve Diffie-Hellman
EWS	: Early Warning System
gRPC	: Google Remote Procedure Calls
IoT	: Internet of Things
MQTT	: Message Queuing Telemetry Transport
HIBE	: Hierarchical Identity-Based Encryption
IBE	: Identity-Based Encryption
IEEE	: Institute of Electrical and Electronics Engineers
KB	: Kilobyte
LoRa	: Long-Range
MB	: Megabyte
ms	: micro-second
msk	: Master Secret Key
NIST	: National Institute of Standards and Technology
PKG	: Private Key Generation
PKI	: Public Key Infrastructure
PP	: Public Parameters
RAM	: Random Access Memory
s	: Second
SDN	: Software Defined Network
TLS	: Transport Layer Security
VM	: Virtual Machine