

## Acronyms Used

IP	Internet Protocol
IPv4	Internet Protocol Version 4
IPv6	Internet Protocol Version 6
RFC	Request for Comments
IANA	Internet Assigned Number Authority
NAT	Network Address Translation
NDP	Neighbor Discovery Protocol
SLAAC	Stateless Address Auto configuration
CIDR	Classless Inter domain Routing
RIR	Regional Internet Registry
CGA	Cryptographically Generated Address
RSA	Rivest Shamir Adleman
ECC	Elliptic Curve Cryptography
SHA	Secure Hash Algorithm
MD5	Message Digest 5
ICMP	Internet Control Message Protocol
DoS	Denial of Service
DDoS	Distributed Denial of Service
DAD	Duplicate Address Detection
SEND	Secure neighbor Discovery
IPSec	Internet Protocol Security
ESP	Encapsulating Security Protocol
AH	Authentication Header
OPNET	Optimized Network Engineering Tool
QoS	Quality of Service
TCP	Transmission Control Protocol
UDP	User Datagram Protocol
IETF	Internet Engineering Task Force
IPng	Internet Protocol Next Generation
DHCP	Dynamic Host Control Protocol
DNS	Domain Name System
ARP	Address Resolution Protocol
NS	Neighbor Solicitation
NA	Neighbor Acknowledgement
RS	Router Solicitation
RA	Router Acknowledgement
IID	Interface Identifier