

## Abbreviations

- IP - Internet Protocol
- IPv<sub>4</sub> - Internet Protocol version 4
- IPv<sub>6</sub> - Internet Protocol version 6
- TCP - Transmission Control Protocol
- UDP - User Datagram Protocol
- VLAN - Virtual Local Area Network
- DES - Data Encryption Standard
- 3DES - Triple Data Encryption Standard
- AES - Advanced Encryption Standard
- RSA - Rivest-Shamir-Adleman
- RC<sub>4</sub> - Rivest Cipher 4
- SHA1 - Secure Hash Algorithm 1
- MD5 - Message Digest 5
- SSL - Secure Socket Layer
- IPsec - Internet Protocol Security
- SSH - Secure Shell (or) Secure Socket shell
- PGP - Pretty Good Privacy
- WEP - Wired Equivalent Privacy
- WPA - WI-FI Protected Access.

TKIP - Temporal Key Integrity Protocol

ACL - Access Control List

WHOIS - who is responsible for domain

DNS - Domain Name System

SOA - Start Of Authority

MX - Mail Exchanger

TXT - Text Record

A -

NS - Name Server Record

PTR - Pointer

HINFO - Host Information

CNAME - Canonical Name Record

HTML - Hypertext Markup Language

NNTP - Network News Transfer Protocol

SNMP - Simple Network Management Protocol

TFTP - Trivial File Transfer Protocol

NTP - Network Time Protocol

PCAP - Packet Capture



ARP - Address Resolution Protocol  
DHCP - Dynamic Host Configuration Protocol  
CDP - Cisco Discovery Protocol  
HSRP - Host Standby Router Protocol  
VRRP - Virtual Router Redundancy Protocol  
VTP - VLAN Trunking Protocol  
STP - Spanning Tree Protocol  
TACACS<sup>+</sup> - Terminal Access Controller Access Control System  
VOIP - Voice Over Internet Protocol  
SIP - Session Initiation Protocol  
WEP - Wired Equivalent Privacy  
WPA2 - Wi-Fi Protected Access 2  
EAP - Extensible Authentication Protocol  
LEAP - Lightweight Extensible Authentication Protocol  
PEAP - Protected Extensible Authentication Protocol  
NetBIOS - Network Basic Input/Output System  
LDAP - Lightweight Directory Access Protocol  
FSMO - Flexible Single Master Operation  
LANMAN - LAN Manager  
NTLMV<sub>1</sub> - Windows NT LAN Manager V<sub>1</sub>  
NTLMV<sub>2</sub> - Windows NT LAN Manager V<sub>2</sub>

SAM - Security Account Manager  
SMS - Short Message Service  
SUS<sup>®</sup> - Software Update Service  
WSUS<sup>®</sup> - Windows Server Update Services  
MBSA - Microsoft Baseline Security Analyzer  
FTP - File Transfer Protocol  
EXPN -  
VRFY -  
NFS - Network File System  
UID - Unique Identifier  
GID - Group Identifier  
RPC - Remote Procedure Call  
X11 - X Windows System Version 11  
IIS - Internet Information Server  
HTTP - Hypertext Transfer Protocol  
HTTPS - Hypertext Transfer Protocol Secure  
SOAP - Simple Object Access Protocol  
XML - Extensible Markup Language  
JSP - Java Server Pages  
ASP - Active Server Page  
PHP - Hypertext Preprocessor  
CGI - Computer Generated Imagery



.NET

J2EE - Java 2 Platform Enterprise Edition

ISAPI - Internet Server Application Programming Interface

SQL - Structured Query Language.

CIDR - Classless InterDomain Routing

IGMP - Internet Group Management Protocol

SCTP - Stream Control Transmission Protocol