

GlossaryOfAbbreviationsAndAcronyms

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ACK - TCP acknowledgement packet

AIMD - Additive Increase/Multiplicative Decrease

AQM - Active Queue Management

ASIC - Application-Specific Integrated Circuit

ATM - Asynchronous Transfer Mode

BDP - Bandwidth-delay product

CE - Congestion Experienced

CPU - Central Processing Unit

CSMA/CD - Collision Sense Multiple Access/Collision Detection

Cwnd - Congestion Window

CWR - Congestion Window Reduced

DFN - Deutsches Forschungsnetz

ECE - ECN-Echo

ECMP - Equal Cost Multipath

ECN - Explicit Congestion Notification

ECT - ECN-Capable Transport

EGEE - Enabling Grids for E-Science in Europe

FDDI - Fiber Distributed Data Interface

FTP - File Transfer Protocol

HTTP - HyperText Transfer Protocol

ICMP - Internet Control Message Protocol

IEEE - Institute of Electrical and Electronics Engineers

IETF - Internet Engineering Task Force

IPDV - IP Delay Variation Metric

IP - Internet Protocol

IPPM - IP Performance Metrics, an IETF Working Group

LFN - Long Fat Network, a network with a large BDP

LSO - Large Send Offload

MDT - Multidata Transmit

MSS - maximum segment size

MTU - Maximum Transmission Unit

NIC - Network Interface Card

NIST - National Institute of Standards and Technology

NREN - National Research and Education Network

OS - Operating System

OWAMP - One-Way Active Measurement Protocol

OWD - One-Way Delay

PAWS - Protection Against Wrapped Sequence-numbers

PDU - Protocol Data Unit

PERT - Performance Enhancement & Response Team

PMTUD - Path MTU Discovery

POS - Packet Over Sonet

RCP - Rate Control Protocol

RCP - Remote Copy

RED - Random Early Detection, a form of active queue management

RENATER - Réseau National de Télécommunications pour la Technologie l'Enseignement et la Recherche

RFC - Request For Comment - Technical and organisational notes about the Internet

RIPE NCC - RIPE Network Control Center

RIPE - Réseaux IP Européens

RTCP - RTP Control Protocol

RTP - Real-time Transport Protocol

RTT - Round-trip time

SACK - Selective ACKnowledgement

SCP - Secure Copy

SCTP - Stream Control Transmission Protocol

SMDS - Switched Multimegabit Data Service

SNMP - Simple Network Management Protocol

SSH - Secure Shell

Ssthresh - Slow Start Threshold

SYN - TCP synchronisation packet

TCP - Transmission Control Protocol

TOE - TCP Offload Engine

TSO - TCP Segmentation Offload

TTL - Time To Live

TTM - Test Traffic Measurements, a service provided by RIPE NCC

UDP - User Datagram Protocol

VOP - Velocity of Propagation

WIDE - Widely Integrated Distributed Environment

WLAN - Wireless Local Area Network

XCP - eXplicit Control Protocol

– Main.SimonLeinen - 09 Apr 2006