

## Verzeichnis der verwendeten Abkürzungen

### A

AAL	-	ATM Adaptation Layer
ABR	-	Available Bit Rate
AC	-	Access Control
ACELP	-	Algebraic Code Excited Linear Prediction
ACF	-	Access Control Field
ACL	-	Application Connectivity Link
ADPCM	-	Adaptive Differential Pulse Code Modulation
ADS	-	Anwender-Dialog-System
AF	-	Address Field
AKT	-	Automatischer Kassentresor
AN	-	Access Node
ANH	-	Access Node Hub
ANR	-	Automatic Network Routing
ANSI	-	American National Standards Institute
APPN	-	Advanced Peer to Peer Networking
ARB	-	Adaptive Rated Base
ARP	-	Address Resolution Protocol
ASN	-	Access Stack Node
ATM	-	Asynchronous Transfer Mode
AU	-	Access Unit

### B

BAN	-	Boundary Access Node
BBM	-	Bandwidth Balancing Mechanisms
BCN	-	Backbone Concentrator Node
BECN	-	Backward Explicit Congestion Notification
BLN	-	Backbone Link Node
BM	-	Business Management
BNI	-	Boundary Node Identifier
BNN	-	Boundary Network Node
BPDU	-	Bridge Protocol Data Unit
BUS	-	Broadcast And Unknown Server

### C

CAPI	-	Common ISDN Application Programmers Interface
CBDS	-	Connectionless Broadband Data Service
CBR	-	Constant bit Rate
CC	-	Call Control
CCITT	-	Comité Consultatif International Télégraphique et Téléphonique
CDMA	-	Code Division Multiple Access
CDV	-	Cell Delay Variation

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CELP	-	Code Excited Linear Prediction
CES	-	Circuit Emulation Service
CF	-	Control Field
CID	-	Configuration Installation Distribution
CIP	-	Channel Interface Processor
CIR	-	committed information Rate
CLLM	-	Consolidated Link Layer Management
CLNAP	-	Connectionless Network Access Protocol
CLNIP	-	Connectionless Network Interface Protocol
CLP	-	Cell Loss Priority
CLR	-	Cell Loss Rate
CLS	-	Connectionless Server
CLSF	-	Connectionless Service Function
CMB	-	Common Management Bus
CMIP	-	Common Management Information Protocol
CMIS	-	Common Management Information Service
CN	-	Corporate Network
CNM	-	Custom Network Management
CPCS	-	Common Part Convergence Sublayer
CR	-	Command Response
CRC	-	Cyclic Redundancy Check
CRMI	-	Committed Rate Measurement Interval
CS	-	Convergence Sublayer
CSA	-	Client Server Architecture
CSC	-	Custom Sale Check
CSMA/CD-	-	Carrier Sense Multiple Access with Collision Detection
CUG	-	Closed User Group

## D

DA	-	Destination Address
DAC	-	Dual Attachment Concentrator
DAS	-	Dual Attachment Station
DCCS	-	Data Connection Control System
DCE	-	Data Circuit Equipment
DCI	-	Data Connection Interface
DDV	-	Daten-Direkt-Verbindung
DEB	-	Discard Eligibility bit
DEE	-	Datenendeinrichtung
DIN	-	Deutsche Industrie Norm
DLCI	-	Data Link Connection Identifier
DLSw	-	Data Link Switching
DMS	-	Domain Management Service
DNS	-	Domain Name Service
DPAM	-	Demand Priority Access Method
DPG	-	Dedicated Packet Group
DQDB	-	Distributed Queue Dual Bus

DSS	-	Digital Subscriber Signaling
DSU	-	Data Service Unit
DTAG	-	Deutsche Telekom AG
DTE	-	Data Terminal Equipment
DVST-P	-	Daten-Vermittlungs-Stelle mit Paketvermittlung

## E

E1	-	europäische WAN-Übertragungsgeschwindigkeit von 2,048 Mbit/s
EA	-	Extended Address
ED	-	End Delimiter
EDV	-	elektronische Datenverarbeitung
EN	-	End Node
ESRB	-	Extended Source Route Bridging
ET	-	Exchange Termination
ETR	-	Early Token Release
ETSI	-	European Telecommunications Standard Institute

## F

FC	-	Frame Control
FCS	-	Frame Check Sequence
FDDI	-	Fiber Distributed Data Interface
FDMA	-	Frequency Division Multiple Access
FECN	-	Forward Explicit Congestion Notification
FEP	-	Front End Processor
FH	-	Frame Handler
FR	-	Frame Relay
FRAD	-	Frame Relay Access Device
FRND	-	Frame Relay Network Device
FR-SSCS	-	Frame Relay Service Specific Convergence Sublayer
FTP	-	File Transfer Protocol
FW	-	Firewall

## G

GA	-	Geldausgabeautomat
GDMO	-	Guidelines for Definition of Management Objects
GFC	-	Generic Flow Control
GFI	-	General Format Identifier
GS	-	Geschäftsstelle

## H

HCV	-	High Capacity Voice
HDLC	-	High Level Data Link Control
HEC	-	Header Error Correction
HLP	-	High Layer Protocol
HMUX	-	Hybrid Multiplexing

HPR	-	High Performance Routing
HRC	-	Hybrid Ring Control
HRO	-	Hansestadt Rostock

## I

IDV	-	Individuelle Daten-Verarbeitung
IEEE	-	Institute of Electrical and Electronical Engineers
IETF	-	Internet Engineering Task Force
IFRAD	-	Integrated Frame Relay Assembler Disassembler
IHL	-	IP Header Length
IISP	-	Iterim Inter Switch Protocol
INM	-	Integrated Network Management
IOS	-	Internetwork Operation System
IP	-	Internet Protocol
IPX	-	Internet Packet Exchange
ISDN	-	Integrated Services Digital Network
ISLAN	-	Integrated Services Local Area Network
ISO	-	International Organization for Standardization
ITU	-	International Telecommunication Union
IU	-	Internetworking Unit

## K

KAD	-	Kontoauszugsdrucker
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## L

LAN	-	Local Area Network
LANE	-	LAN emulation
LAPB	-	Link Access Procedure Balanced
LAPD	-	Link Access Procedure on the D-Channel
LCP	-	Link Control Protocol
LE	-	Local Exchange
LED	-	Leuchtemitter-Diode
LECS	-	LAN emulation configuration server
LEN	-	Low Entry Networking Node
LES	-	LAN Emulation Server
LGC	-	Logical Channel Number
LGN	-	Logical Group Number
LIS	-	Logical IP Sub Network
LLC	-	Logical Link Control
LME	-	Layer Management Entity
LMI	-	Local Management Interface
LT	-	Line Termination
LU	-	Logical Unit

## M

MAC	-	Medium Access Control
MAU	-	Medium Access Unit
MBT	-	Mitarbeiterbedienterminal
MIB	-	Management Information Base
MLM	-	Mid Level Manager
MOS	-	Mean Opinion Score
MPOA	-	Multi Protocol over ATM
MSS	-	Multi Service Switch
MVIP	-	Multi Vendor Integration Protocol

## N

NCP	-	Network Control Protocol
NetBios	-	Network Basic Input Output System
NLPID	-	Network Level Protocol Identifier
NMS	-	Network Management System
NN	-	Network Node
NNI	-	Network Network Interface
NT	-	Network Termination

## O

OAM	-	Operation And Maintenance
OSI	-	Open System Interconnection
OSPF	-	Open Shortest Path First

## P

PA	-	Pre-Arbitrated
PAD	-	Packet Assembler Disassembler
PBX	-	Private Branch Exchange
PDH	-	Plesisynchrony Digital Hierarchy
PHY	-	Physical Layer Protocol
PIX	-	Private Internet Exchange
PLCF	-	Physical Layer Convergence Function
PLP	-	Packet Layer Protocol
PM	-	Physical Medium
PMD	-	Physical Layer Medium Dependent
POP	-	Point of Presence
POTS	-	Plain old Telephone Service
PPX	-	Parallel Packet Express
PS	-	Physical Signaling
PSTN	-	Public Switched Telephone Network
PTI	-	Payload Type Identifier
PTT	-	Post, Telegrafie und Telefonie
PU	-	Physical Unit

PVC - Permanent Virtual Channel

## Q

QA - Queue Arbitrated

QoS - Quality of Service

## R

RAPID - Reserved Path with Immediate Diversion

RARP - Reverse Address Resolution Protocol

RFC - Request for Comment

RIF - Routing Information Field

RIP - Routing Information Protocol

RM - Remote Control

RMON - Remote Monitoring

RR - Receive Ready

RSAG - Rostocker Straßenbahn AG

RTP - Rapid Transport Protocol

RZ - Rechenzentrum

## S

SABM - Set Asynchronous Balanced Mode

SAC - Single Attachment Concentrator

SAP - Service Access Point

SAR - Segmentation and Reassembling

SAS - Single Attachment Station

SB - Selbstbedienung

SD - Start Delimiter

SDH - Synchrone Digitale Hierarchie

SDLC - Synchronous Data Link Control

SEF - Source Explicit Forwarding

SFD - Start Frame Delimiter

SFV - Standard-Festverbindung

SLIP - Serial Link Internet Protocol

SMAP - system management application process

SMDS - Switched Multimegabit Data Service

SMF - Single Mode Fiber

SMT - Station Management

SMTP - Simple Mail Transfer Protocol

SN - Switch Node

SNA - System Network Architecture

SNAP - Sub Network Access Protocol

SNMP - Simple Network Management Protocol

SPEX - Stack Packet Exchange

SPM - SONET Physical Layer Mapping

SR - Source Address

SSP	-	Switch to Switch Protocol
ST	-	Slot Type
S/STP	-	Screened Shielded Twisted Pair
STP	-	Shielded Twisted Pair
S/UTP	-	Screened Unshielded Twisted Pair
SVC	-	Switched Virtual Channel
SWA	-	Stadtwerke Rostock AG

## T

T1	-	nordamerik. WAN-Übertragungsgeschwindigkeit von 1,544 Mbit/s
TA	-	Terminal Adapter
TC	-	Transmission Convergence
TCP	-	Transport Control Protocol
TDM	-	Time Division Multiplexing
TDMA	-	Time Division Multiple Access
TE	-	Terminal Equipment
TEI	-	Terminal Equipment Identifier
TFTP	-	Trivial File Transfer Protocol
THT	-	Token Holding Time
TP	-	Twisted Pair
TR	-	Token Rotation
TRSE	-	Token Ring Switching Engine
TRT	-	Token Rotation Delay
TTRT	-	Target Token Rotation Time

## U

UBR	-	Unassigned Bit Rate
UNI	-	User Network Interface
UTP	-	Unshielded Twisted Pair

## V

VBR	-	Variable Bit Rate
VCC	-	Virtual Channel Connection
VCI	-	Virtual Channel Identifier
VG-AnyLAN	-	Voice Grated any Local Area Network
VLAN	-	Virtual Local Area Network
VPI	-	Virtual Path Identifier
VPN	-	Virtual Private Network
VQC	-	Vector Quantization Coded
VTAM	-	Virtual Telecommunication Access Methods

## W

WAN	-	Wide Area Network
WBC	-	Wideband Channel