



Index: Licenses

A	Auslieferungszustand	4
D	Description	5
H	Hardware-Seriennummer	3
K	Key	3, 5
L	LicenseSerialNumber	3
	Lizenzdaten	
	Freischalten von Zusatzlizenzen	5
	LicenseSerialNumber	3
	PIN	3
	Serialnumber	3
	Software License ID	3
M	Mask	5
O	Online-Lizenzierung	3, 6
P	PIN	3
S	Serialnumber	3, 5
	Software License ID	3
V	Verfügbare Subsysteme	4





Index: System

Numerics

1. Event Index	29
A Action	18
Activity Monitor	7
C CLID	13, 14
Client IP Address	8
Client UDP Port	8
Compare value	26
Condition	25
Contact	4
Current Time	36
D Description	22, 28
DownAction	16
E End time	26
End value	26
Eventlist Condition	29
Execute command	30
External Activity Monitor	7
External System Logging	9
F Facility	10
FirstIfIndex	16, 18
G Group	15
Grundlegenden Systemdaten	3
H Hosts	14
I Index	22, 28
Index value	24, 31



	Index variable	24, 31
	Interface	17, 30
	Interfaces	14
	Interval	15
	IPAddress	15
K	Keepalive Monitoring	13
L	LAN	13
	Last Change	32
	Level	10
	Local PPP ID (default)	3
	Location	4
	Log Host	9, 10
M	Maximum Number of Syslog Entries	5
	Message level for the syslog table	5
	Mode	28
	Monitored event	23
N	New Date	36
	New Time	36
	Next Index	22
	Notify	32
P	Password settings	33
	Activity Monitor	33
	admin	33
	Auslieferungszustand	33
	HTTP Server	33
	read	33
	write	33
	Protokoll der Ereignisse	9
R	Range	17, 19



S	Set value active	31
	Source IP	15
	Start time	26
	Status	26, 32
	Subsysteme	9
	Syslog Messages	9
	Anzahl	3
	Anzeige	3
	Priorität	3
	Syslog output on serial console	4
	System Name	3
	Systemzeit	35
	Accounting	35
	automatisch	35
	manuell	35
T	Table	24, 30
	Time and Date	35
	Time is currently controlled by	36
	Timestamp	11
	Trigger	18
	Type	8, 11, 22
U	Update Interval (sec)	8
V	value inactive	31
	Variable	24, 30
Z	Zentraler Server	13



Index: Ethernet

A	Advanced Settings	7, 13
B	Back Route Verify	7, 8, 9
	Bridging	6
D	DHCP MAC Address	4
E	Encapsulation	5
	Ethernet Unit (1 - 3)	3
	ETH-Schnittstellen	3
I	IP Accounting	7, 8, 9
	IP Configuration	4, 11, 12
L	Local IP-Number	4, 11
	Local Netmask	4, 11
M	MAC Address	5, 11, 12
	Mode	5
P	Proxy ARP	7, 8, 9
R	RIP	7, 9
	V1	9
	V2	9
	RIP Receive	9
	RIP Send	9
	Route	7
	Routing	7
	Routing-Tabelle	7
S	Second Local IP-Number	4
	Second Local Netmask	4



V	Virtual Interfaces	11
	VLAN ID	5, 12
W	WAN Partner	8

Index: ISDN

A	Anlagenanschluß (Point to Point)	5
B	Basic Rate Interface (BRI)	3
	B-Channel 1	6
	B-Channel 2	7
	Bearer	11
D	data	11
	D-Channel	6
	DOVB	12
F	Festverbindung (Leased line)	5
I	Incoming Call Answering	9
	IPSec	12
	ISDN Login	10, 12
	ISDN S0	3
	ISDN Switch Type	3, 5, 6
	Item	11
L	Leased dte, dce	6, 7
	Leased line (Festverbindung)	5
M	Mehrgeräteanschluß (Point to multipoint)	5
	Mode	11
N	Number	11
P	Point to multipoint (Mehrgeräteanschluß)	5
	Point to Point (Anlagenanschluß)	5
	PPP (routing)	12
R	Result of autoconfiguration	4



S	SPID B-Channel 1	7
	SPID B-Channel 1+2	7
	SPID B-Channel 2	7
V	voice	11



Index: AUX

A	Active Profile	6
	Analog-/GSM-Interface	3
	Analoge Anschlüsse	3
D	Dispatch Item	7
E	Escape Char	7
G	GSM Modem	3, 7
	GSM SIM PIN	7
I	Init Sequence	8
L	Line speed	5
M	Modem	3
P	Profile 1 bis 4	6
	Profilkonfiguration	6
S	Serial Port	5



Index: WAN Partner

A	Advanced Settings	48
	Authentication	11
	Authentisierungsverhandlung	11
B	Back Route Verification	50
	Back Route Verify	51
	Bandwidth On Demand (=BOD)	22
	Basic IP-Settings	37
	Bridge	55
	Bridging-Modus	55
C	Callback	15, 17, 20
	Calling Line Identification	7
	Channel-Bundling	16, 18
	Closed User Group	36
	Compression	6, 7
	CUG-Index	36
D	D-Channel Queue Length	26
	Default Route	37, 40, 41
	Delay after Connection Failure	16
	Delay after Connection Failure (sec)	18
	Destination IP-Address	43, 46
	Destination Port	47, 48
	Direction	34
	Dynamic Name Server Negotiation	52, 54
E	Enable NAT	39, 41
	Encapsulation	5, 6
	Encryption	6
	Encryption Key (RX)	27
	Encryption Key (TX)	27
	Encryption Key Negotiation	27
	Erweitertes IP-Routing	44



	Extended Interface Settings	22
	Extended Routing	44
F	Flags	42
G	Gateway IP-Address	44
	Gear Down Threshold	25
	Gear Up Threshold	25
	Geschlossene Benutzergruppe	36
I	Idle for Dynamic Short Hold (%)	17
	IP	37
	IP Accounting	50, 51
	IP Transit Network	39
	ISDN Ports to use	34
K	Keepalives	12
L	Layer 1 Protocol	16, 18, 21
	Line Utilization Sample (sec)	25
	Line Utilization Weighting	24
	Link Quality Monitoring	12
	Local IP Address	39
	Local PPP ID	11
M	Maximum Number of Dialup Channels	26
	Metric	44, 46
	Mode	24, 27, 46, 47
	More Routing	42
N	Netmask	44, 46
	Network	43, 44, 46
	Number	33
P	Partner / Interface	46
	Partner IP Address	39



Partner Name	5
Partner PPP ID	11
Partnername	3
PPP Password	11
Pro	42
Protocol	3, 47
Proxy Arp	50, 52, 53
R Remote IP Address	40
Remote Netmask	40
Remote X.25 Address	19
RIP	49
RIP Receive	51, 52
RIP Send	51, 52
Route	37
Route Announce	50, 51
Route Type	43, 46
Routing-Einstellungen	37
Rufnummern des WAN Partners	33
S Shorthold	15
Source Interface	47
Source IP-Address	47
Source Mask	47
Source Port	47, 48
Special Interface Types	19
State	3
Static Short Hold (sec)	17
T TOS Mask	47
Total Number of Channels	19
Type of Service (TOS)	47
V Van Jacobson Header Compression	52





Index: Security

Numerics

3des	47
A	
Action	11, 21, 33
Admin Status	6
Adminstatus	27
aes128	47
aes192	47
aes256	47
Alias	34, 36
arc4	47
B	
blowfish	47
C	
cast128	47
Category	9
Challenge Response	46
ClientAliveCountMax	44
ClientAliveInterval	44
Compression	41
Connection State	17
D	
Day	10
Deny Silent	23
Description	16
Destination	32
Destination Address	18
Destination Mask	18
Destination Port	18
Dynamische Paketfilterung	25
E	
Expiring Date	6
F	
Filter	13, 14, 21



	Filtered Interfaces	6
	Filterliste	8
	First Rule	23
	From	10
	Full Filtering	28
H	History Entries	7
I	ICMP Type	34
	Index	16, 20
	Insert behind Rule	20
	Interface	23, 36, 54
	IP Access Lists	26
	IP Address	36, 53
	IP-Mask	36
	IP-Range	36
K	Kategorisierung	5
	Kette	14
L	Local Filter	28
	Logging Level	29, 42
	Login Grace Time	43
M	Mask	53
	Max. # of Clients	41
	md5	48
	md5-96	48
	Mode	36
N	NAT	26
	Netzwerkzugangskontrolle	13
	Next Rule	21
O	Orange Filter Ticket	6
	Other inactivity Timeout	38



P	Password	46
	Port	34
	Port # used for Connections	41
	PPTP inactivity Timeout	38
	Print LastLog	42
	Print Motd	41
	Priority	11
	Protocol	17, 34
	Protocol Version	45
	Public Key	45
R	Range	35
	Regel	14
	Regelketten	19
	Reihenfolge	21
	Reporting Method	23
	ripemd160	48
S	Schnittstelle	15
	Service	32, 52
	shal	48
	shal-96	48
	Sicherheitsfunktion	25
	SIF	26
	Source	18, 31
	Source Address	17
	Source Mask	17
	Source Port	17, 18
	Specify Port	18
T	TCP inactivity Timeout	37
	TCP Keepalives	43
	Ticket Status	6
	To	11
	TOS Mask	18
	Type	17



	Type of Service (TOS)	18
U	UDP inactivity Timeout	37
	URL-basierter Content Filtering Dienst	5
V	Verify Interface	53
	Verify IP Address	53
	Verify Reverse Mapping	41
Z	Zugangsbeschränkungen	13

Index: PPTP

B	Back Route Verification	35
	Back Route Verify	36
C	Closed User Group	21
	CUG-Index	21
D	Default Route	26
	Delay after Connection Failure	12
	Destination IP-Address	29, 31
	Destination Port	32, 33
	Direction	18
	Dynamic Name Server Negotiation	37, 39
E	Enable NAT	26
G	Geschlossene Benutzergruppe	21
I	IP Accounting	35, 36
	ISDN Ports to use	19
M	Metric	29, 31
	Mode	31, 32
N	Netmask	29, 31
	Network	29, 31
	Number	17
P	Partner / Interface	31
	Protocol	32
	Proxy Arp	35, 37, 38
R	Remote IP Address	27
	Remote Netmask	27



RIP	34
RIP Receive	36, 37
RIP Send	36, 37
Route Announce	35, 36
Route Type	29, 30
Routing	34
Routing-Protokoll	34
Routing-Tabelle	34
Rufnummern des WAN Partners	17
S Source Interface	31
Source IP-Address	31
Source Mask	31
Source Port	32, 33
T TOS Mask	31
Type of Service (TOS)	31

Index: IPSec

Numerics

1 (768 bit MODP)	32, 64
2 (1024 bit MODP)	32, 64
3DES	27, 41, 59, 73
5 (1536 bit MODP)	32, 64

A

A	6
abort	99
Action	8, 45, 47, 51
Admin Status	12
aggressive	33, 66
aggressive-only	34, 66
AH (Authentication Header)	40, 72
Algorithm	78
Anpassung der IKE- und IPSec-Einstellungen	23
Authentication Method	24, 56
auto/base64/binary	89
autodetect best possible mode (D channel only)	21
autodetect best possible mode (D or B channel)	21
Autosave	82

B

Beginn der IKE-Phase-1-Aushandlung	19
Block Time	26, 58
Blowfish	27, 41, 59, 73

C

CA Certificates	26, 35, 58, 67
CA-Certificate	81
CA-Domain	82
CAST	27, 41, 59, 73
CEA	109
Certificate Authority Certificates	85
Certname	84
clear config	98
Cookies Size	95
CRL	35, 67

CRLs 90

D	D-Channel Mode	22
	default	33, 66
	Der IPSec- Wizard Schritt für Schritt	99
	DES	27, 41, 59, 73
	Description	7, 11, 44, 50, 55, 78, 86, 87
	Description (Idx 0)	24, 37, 69
	dhcp	9, 46, 52
	Direkter ISDN-Ruf	15
	DN	85
	DNS	84
	Dont Send Cert Chains	94
	Dont send Cert Req Payl.	94
	Dont send CRLs	94
	Dont Send Initial Contact	95
	Dont send Key Hash Payl.	94
	drop	47
	DSA Signatures	32, 65
	dump messages	98
	DynDNS-Dienst	15
E	Edit Lifetimes	30
	Email	84
	Enable IPSec	4
	Erste aktive Regel	6
	ESP (Encapsulated Security Payload)	39, 72
F	Flags	86
	force Comp	41, 73
	Force trusted	89
	Funktionsweise	18
G	Group	24, 56
H	Heartbeats	25, 38, 57, 70
	host	8, 45, 51



I	id_protect	33, 65
	ID-Protect-Modus	18
	id-protect-only	34, 66
	Ignore Cert Req Payloads	93
	IKE (Phase 1) Defaults	4
	Import a Certificate/CRL using	88
	In	109
	Incoming ISDN Number	16
	Interoperabilitäts-Flags	93
	IP	84
	IPComP	40, 72
	IPsec (Phase 2) Defaults	4
	ISDN Callback	16, 17
K	Kb	31, 63
	Key Size (Bits)	79
	Key to enroll	80
	Kombination aus Verschlüsselungs- und Message Hash-Algorithmen für IKE Phase 1	26
L	Lifetime	24, 37, 56, 70
	Lifetime Restriction Based On	30, 62
	LLC	22
	LLC-and-SUBADDR	22
	Local	108
	Type	8, 44, 51
	Local Address	5
	Local Certificate	26, 58
	Local ID	26, 58, 107
	Local/Remote	
	Type	45, 51
	LPort	108
M	M/R	6
	Matching Policy	31, 63
	Max. Symmetric Key Length	95

MD5	42, 74
MD5 (Message Digest #5)	28, 59
Method	81
Mode	21, 24, 56
MODP	31

N Name	89
NAT Traversal	35, 67
Nat-Traversal	26
Nat-Traversals	58
net	9, 46, 52
no Comp	41, 73
NULL	41, 42, 73, 74

O Oper Status	12
Out	109
Outgoing ISDN Number	16
Own Certificates	85
own/peer	9, 46, 53

P Packets In	105
pass	47
Password	82
Peer Address	12
Peer Certificates	85
Peer IDs	13
Peers Blocked	104
Peers Dormant	104
Peers Up	104
Phase 1	
Authentication Method	32, 64
Group	31, 63
Lifetime	61
Local Certificate	34, 67
Local ID	34, 66
Mode	33, 65
Proposal	26, 58



Phase 2	
Lifetime	43, 75
Proposal	39, 71
Please enter certificate data	88
Port	6
Pre Shared Key	13
Pre Shared Keys	32, 64
Profile	45
Propagate PMTU	39, 71
Proposal	6, 24, 37, 56, 70
protect	47
Proto	6
Protocol	7, 44, 50
Pto	108
R RADIUS Authentication	95
range	9, 46, 52
Remote	108
Type	8, 45, 51
Remote Address	6
Remote ID	106
Remote IP	106
Request Cert	79
RID	85
Rijndael	27, 41, 59, 73
RipeMD 160	28, 60
RPort	109
RSA Encryption	33, 65
RSA Public Exponent	79
RSA Signatures	33, 65
S SAs Phase 1	104
SAs Phase 2	104
Schritt 1 (NAT-Einstellungen)	99
Schritt 2 (Erstellung der Proposals)	99
Schritt 3 (Authentisierungsart festlegen)	100
Schritt 4 (Zertifikat beantragen)	100

Schritt 5 (Eigenes Zertifikat)	100
Schritt 6 (CA-Zertifikat)	100
Schritt 7 (CRL Server / Peer Certificate)	101
Schritt 8 (Peer)	101
Schritt 9 (Peer Traffic / Peer Interface)	101
Seconds	30, 62
Serial No	86
Server	83, 89
Setup Tool Wizard	3
SHA1	42, 74
SHA1 (Secure Hash Algorithm #1)	28, 60
skip	99
start (wizard)	99
Start Wizard	97
State of Last Enrollment	83
SUBADDR	22
Subject Alternative Names	84
Subject Alternative Names – Type	84
Subject Alternative Names – Value	84
Subject Alternative Names (optional)	83
Subject Name	82
Subject Names	86
Sync SAs With Local Ifc	95
T	
TARSEH	106, 107
Tiger 192	28, 60
Transfer own IP Address over ISDN	16, 20
Trust ICMP Messages	94
try specific D channel mode, fall back on B	21
Twofish	27, 41, 59, 73
Type	84
Type of Certificate	87, 88
U	
Übertragung der IP-Adresse	19
URI	84
use B channel	21
Use PFS	37, 43, 70, 75



	use specific D channel mode	21
	Use Zero Cookies	95
V	Verfügbaren Verschlüsselungs- und Message Hash-Algorithmen	27
	View Proposals	29, 39, 61
	Virtual Interface	14
W	What to do?	98





Index: PPP

A	Authenticaton Protocol	4
	Authentisierungsverhandlung	3
C	Calling Party Number	3
	CHAP	4
	CLID	3, 5
L	Link Quality Monitoring	6
M	MS-CHAP	4
P	PAP	4
	PPP Link Quality Monitoring	6
	PPPoE Ethernet Interface	6
R	RADIUS	5
	Radius Server Authentication	5

