

# Stichwortverzeichnis

- 1-RTT, 87
- Adresse, 23
  - Link-Lokal, 60
  - privat, 29
- Adressumsetzung, 29
- AES, 14, 88
- Algorithmus, 88
- alias, 72
- AllowedIPs, 35, 80, 83
- Analyse, 94
- Anbieter, 63
- Angriff, 90
- Anonymität, 15, 63
- Anwendungserkennung, 79
- App-Store, 61
- Apple, 61
- Appliance, 29, 50
- apt, 18, 38
- Audit, 93
- Authentifizierung, 32, 40, 77, 89, 94
- AzureVPN, 64
- Bandbreite, 79
- Base64, 22
- Bernstein, 89
- Best Practice, 77
- Blake2s, 88
- Blockverschlüsselung, 19
- CentOS, 17
- ChaCha20, 15, 88, 91
- Chain, 37
- Client, 32, 55, 79
- Code, 19
- Compiler, 19
- Cookie, 90
- CPU, 81
- Cryptokey-Routing, 39
- CryptoVerif, 94
- curl, 74
- Curve25519, 22, 88, 91
- CyberGhost, 64
- Datei, 25
- Debian, 18, 37, 50
- Defaultroute, 59
- Denial-of-Service, 90
- Diffie-Hellman, 87
- Distribution, 19
- DNS, 62, 78
- Dokumentation, 35
- Durchsatz, 60, 82, 91
- EdgeOS, 51
- Elliptische Kurve, 88
- Ethernet, 16
- Filter, 36
- Firewall, 30, 36, 42, 69, 78, 83

- firewall-cmd, 37
- FORWARD, 83
- FreeBSD, 42
- FRRouting, 50
- Gegenstelle, 79
- Geo-Blockade, 63
- git, 19
- Go, 87
- GPL, 13
- Hash, 88
- INPUT, 37, 83
- Installation, 17
- Integrität, 89
- Interface, 44, 79
- Internet, 29, 55
- ip, 23, 34
- IP-Adresse, 23
- IP-Routing, *siehe* Routing
- iperf3, 60
- iPhone, 61
- IPsec, 14, 92
- iptables, 37, 84
- IPv4, 21
- IPv6, 30, 35, 72
- ISP, 30
- IVPN, 64
- Kern, 81, 92
- Kernel, 17, 25, 33, 69, 84, 92, 95
- Kernelmodul, 18
- Kette, 37, 83
- Kommandozeile, 52
- kompilieren, 19
- Konfigurationsdatei, 25, 32
- Konsole, 47
- Kryptografie, 87
- Kryptomaterial, 22, 39
- Kunde, 74
- Kundennetz, 71
- Kurve, 88
- Labor, 21, 29, 41, 70
- Last, 90
- Leistung, 85, 91
- Leistungsmessung, 82
- Lightning Network, 87
- Link-Lokal, 60
- Linux, 21
- ListenPort, 78
- Lizenz, 13
- lsmod, 20
- make, 19
- Management, 21
- Maske, 80
- Mehrkern CPU, 81
- Messung, 91
- modprobe, 19
- Modul, 19, 23, 52, 84
- Mullvad, 64
- Namensauflösung, 62
- Namensraum, 69
- NAT, 15, 29
- netns, 72
- Network Namespace, 69, 79
- Netzadapter, 23
- Netzmaske, 80
- Netzwerk, 19
  - privat, 13
- Neustart, 34
- nftables, 38
- Noise Protocol Framework, 87

- Obfuscation, 84
- OpenSSH, 88
- OpenVPN, 61, 90, 91
- OpenWrt, 47
- OPNsense, 42
- OUTPUT, 83
- Paket, 17
- Paketfilter, 36
- Paketmanager, 62
- Peer, 43, 79
- ping, 25, 74
- Poly1305, 89, 91
- Port, 23, 35, 78, 80
- Präfix, 80
- Prüfsumme, 88
- Prüfung, 93
- Pre-shared Key, 77, 90
- Programmcode, 19
- Proton VPN, 64
- Proxy, 16
- Prozessor, 81, 90
- PSK, *siehe* Pre-shared Key
- PuTTY, 62
- QR-Code, 61, 66
- qrencode, 62
- Quellcode, 19, 90, 93
- Reboot, 26, 34
- Red Hat, 17, 37
- Regel, 44
- Regelwerk, 45
- Repository, 17
- RFC3849, 35
- RFC5737, 21
- RFC7693, 88
- RFC7748, 88
- Richtlinie, 37
- Rocky Linux, 17, 62, 84
- Round-Trip-Time, 93
- route, 72
- Router, 41
- Routing, 16, 33, 39, 69, 79
- Routingstabelle, 29, 48, 53, 69
- RPM, 17
- Salsa20, 89
- Scan, 67
- Schlüssel, 22, 32, 44, 87
  - austausch, 24, 87
  - öffentlich, 24, 39, 77
  - Pre-shared, 77, 90
  - privat, 22, 52, 61
- Schnittstelle, 23
- Scientific Linux, 17
- separieren, 69
- Server, 34
- Setup, 21
- SHA, 88
- Sicherheit, 87, 94
- Signatur, 89
- Smartphone, 61
- Software, 17
- SSH, 88
- Standardgateway, 59
- Statistik, 79
- Status, 51
- Stealth-Modus, 90
- Stromverschlüsselung, 88
- StrongSwan, 50, 90, 95
- Subnetz, 80
- Surfshark, 64
- symmetrisch, 90
- sysctl, 33, 72

systemctl, 26, 37

Tamarin, 94

TAP-Adapter, 58

TLS, 87

TorGuard, 64

Trennung, 69

Tunnel, 23

Tunnelaufbau, 24, 78

TunSafe, 58

Ubiquiti, 51

UDP, 16, 19, 23, 37, 78, 84

Unique local, 30, 35

User-Space, 92

UTF-8, 62

verbindungslos, 15

Verschlüsselung, 85, 87, 88, 93

Verschleierung, 84

Vertraulichkeit, 87, 94

Verzögerung, 93

Virtuelle Maschine, 81

Virtuelles Privates Netzwerk, 13

VPN, 13, 23

- Router, 41
- Server, 58
- öffentlich, 63

VPN.ac, 64

VyOS, 29, 50

Web-GUI, 43

Weboberfläche, 49

Webproxy, 16

wg genkey, 22, 47, 61

wg genpsk, 77

wg pubkey, 24

wg quick, 26

wg set, 23, 46, 72

wg show, 25, 32

wg showconf, 24

WGOBFS, 84

WhatsApp, 87

Windows, 56

Wireshark, 84

yum, 17