

Stichwortverzeichnis

- 802.11s, 13, 20
- Absorption, 32
- Accesspoint, 13, 21
- Adblock, 107
- AdGuard Home, 110
- Administrator, 97
- Adresse, virtuell, 62
- AES, 55
- Alarm, 134
- Ankündigung, 24
- Ansible, 85
- API, 99
- Area, 37, **50**
- Area Border Router, 37
- arping, 135
- ASBR, 37
- asymmetrisch, 16, 42
- Ausfallschutz, 32, 42, 44, 61, 120
- Ausnahme, 113
- Authentication Header, 80
- Authentifizierung, 46, 58, 79
- Auto-registration, 88
- Automatisierung, 85
- B.A.T.M.A.N., 18
- Babel, 16
- Backbone-Area, *siehe* Area
- Backup, 65, 94
- Bandbreite, 42, 51
- batctl, 28, 29
- BATMAN, 101
- Batman-adv, 18, 28
- Benachrichtigung, 82
- Benutzer, 97
- Berechtigung, 97
- Blockieren, 105
- Brücke, 21
- Brechung, 32
- Bugtracker, 96
- Cache, 72
- Celery, 100
- CentOS, 85
- Check, 134
- Cisco, 57, 59
- cjdns, 16
- Cluster, 61
- Connection-Tracking, 70
- cron, 113
- curl, 96
- Daphne, 101
- Dashboard, 110
- Datenbank, 94, 99
- Datensicherung, 94
- Dead-Intervall, 47
- Debian, 85

- Debug-Modus, 57
- Default-Gateway, 62, 81, 121, 138
- Default-Route, 25, 50
- DHCP, 106
- Diagramm, 10
- Django, 99
- DNS, 105, 110
- DNS über TLS, 115
- DNS-Report, 108
- dnsmasq, 107
- Domäne, 106
- DOT-Format, 27
- Durchsatz, 19
- Dynamisches Routing, 35

- E-Mail, 82, 107, 133
- Empfänger, 19
- Equal Cost Multi-Path, 48
- Errata, 151
- Ethernet, 18, 31
- ETX, 25
- expect, 76

- Failover, 67, 72, 75, 132
- Fehlercode, 81
- Fehlersuche
 - Multi-WAN, 138
 - OpenWISP, 95
 - OSPF, 56
- Filter, 57, 105, 110
- Firewall, 68, 121
- Fragmentierung, 29
- Framework, 99
- Full, 42
- Funknetz, 13

- Gateway, 14, 120, 125
- Gewichtung, 123, 129

- GitHub, 101, 151
- Google, 134
- Graph, 101
- Graphviz, 27
- Gruppe, 97

- Header, 18, 29
- Health-Check, 134
- Heartbeat, 62
- Hello-Intervall, 47
- Hello-Paket, 41
- HNA, 24
- Hochverfügbarkeit, 61
- Hotplug, 138
- httping, 135
- HWMP, 17, 20, 22
- Hybrid, 17

- IEEE 802.11s, 13
- Instanzen, 64
- Internet, 14, 131
- IOS, 57, 59
- ip, 140
- IP-Adresse, 102
- IPAM, 102
- IPsec, 54, 80
- iptables, 138, 140
- IPv6, 52, 80, 136
- ISP, 121
- iw, 15, 22

- Journal, 96
- JSON, 25, 26, 92

- Kabel, 13
- Kanal, 15
- Keepalive, 62
- Keepalived, 63, 83

- Kernel, 19, 55, 140
- Klartext, 80
- Kommandozeile, 137
- Konfiguration, 151
- konvergent, 44
- Kopfzeile, 18
- Korrekturverzeichnis, 151
- Kosten, 46
- Kunde, 99

- Labor, 10, 151
- Lastverteilung, 48, 77, **119**
 - ausgehend, 121
- Latenz, 134
- Lebenszeichen, 41, 61
- Leistung, 115
- Link-State, 17, 57
- Linux, 59
- Linux-Kernel, 19
- Liste, 105, 113
- Log, 58, 95, 110
- Loss, 18
- LUA, 101

- MAC-Adresse, 30
- Management, 85
- Mandant, 99
- Markierung, 140
- Master, 65, 77
- MD5, 59
- Mesh, 13
- Mesh-ID, 15
- Mesh-Point, 13
- Metrik, 17, 32, 45, 51, 57, 125, 128
- Millisekunde, 76
- Mitarbeiter, 97
- Modul, 19, 101

- Monitoring, 101, 133
- MTU, 29, 56
- Multi-WAN, 119
- Multicast, 55, 56, 62, 71
- MWAN, 123
- mwan3, 124

- Nachbar, 22, 41, 57
- Namensauflösung, 116
- Nameservice, 26
- NAT, 68, 131
- netfilter, 83
- NetFlow, 92
- NetJSON, 92, 102
- Netzadapter, 12
- Netzbrücke, 21, 28
- Nginx, 99
- nping, 135
- NPTv6, 136
- NTP, 90
- NXDOMAIN, 107, 116

- OLSR, 17, 23, 101
 - olsrd, 24
- OpenSSL, 20
- OpenWISP, 85
- Organisation, 98
- OSI-Ebene 2, 18, 29
- OSI-Ebene 3, 23
- OSPF, 16, 35
- OSPFv3, 52

- Paketverlust, 18, 134
- Passwort, 80, 86
- Pfad, 15, 17, 30, 42
- Pi-hole, 115
- Ping, 134
- Playbook, 85

- Plug-in, 25, 101
- Portal, 14
- Präfix, 54, 136
- Preview, 88, 93
- Priorität, 77
- proaktiv, 16
- Protokoll, 61, 137
- Prozess, 36
- PSK, 87
- Pull, 95, 101
- Python, 99

- Quagga, 39, 59
- Qualität, 16, 25, 32

- Rückgabecode, 81
- reaktiv, 16
- Redis, 100
- Referenzbandbreite, 51
- Reflexion, 32
- Regel, 121, 130, 139
- Repository, 23
- Restore, 94
- RFC2328, 59
- RFC3626, 17, 32
- RFC3768, 61
- Richtlinie, 121, 128, 138
- Route
 - Backup, 42
 - statisch, 127
 - Summary, 37
- Router, 18
 - Backup, 62
 - ID, 39, 53
- Routing
 - protokoll, 16, 134
 - tabelle, 16, 24, 30, 41, 43, 57
 - asymmetrisch, 74
 - dynamisch, 35

- SAE, 20
- Schlüssel, 55, 87
- Schleife, 30
- Schnittstelle, 126
- Schwellenwert, 134
- Sender, 18
- setkey, 56
- SHA, 59
- Shell, 101
- Sicherheit, 79
 - OSPF, 46
 - OSPFv3, 54
- Sicherung, 94
- Signal, 32
- Signal-Rausch-Abstand, 25
- Signalstärke, 16
- Simple AdBlock, 107, 109
- Skalierbarkeit, 18, 19, 36
- Skalierung, 50, 119
- Skript, 72, 81, 85, 101, 122, 133, 138
- SNMP, 133
- SNR, 25
- Sperrliste, 113
- SQLite, 94, 99
- SSH, 86
- Statistik, 110
- Status, 88, 97, 132, 138
- Streuung, 32
- Stub-Area, 50
- Summary, 51
- Switch, 119
- Synchronisationsgruppe, 75
- Synchronisierung, 70

Syslog, 58
 systemctl, 96

 Tabelle, 70, 140
 Telegram, 82, 133
 Template, 89, 100
 Timeout, 32, 41, 44, 47
 Timer, 58
 TLS, 96, 115
 Topologie, 27, 101
 Tracking, 81, 127, 138
 Trap, 133
 Tuning, 47
 Tunnel, 18, 29

 UCI, 137
 unbound, 107
 Update, 94, 95, 113
 uWSGI, 99

 Verlust, 18
 Verschlüsselung, 16, 20, 54, 108
 Version, 10, 18, 36, 76, 95, 136
 Vertrauensstellung, 87
 Visualisierung, 27, 101
 Vorlage, 89
 VPN, 54
 VRRP, **61**, 120
 vtysh, 39

 Wahl, 77
 WAN, 119
 Watchdog, 27
 WebSocket, 101
 Werbung, 105
 WiFi, 13
 WISP, *siehe* OpenWISP
 Wizard, 110

 WLAN, 13
 WPA3, 20

 Zebra, 59
 Zeitplaner, 113
 Zeitzone, 88
 Zertifikat, 87, 96
 Zusammenfassung, 51
 Zustandstabelle, 70