**Wireshark - Display filter cheat sheet**

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| **Ethernet** | eth.addr | eth.len | eth.src |
| eth.dst | eth.lg | eth.trailer |
| eth.ig | eth.multicast | eth.type |
|  |  |  |  |
| **ARP** | arp.dst.hw\_aac | arp.hw.type | arp.proto.type |
| arp.dst.proto\_ipv4 | arp.opcode | arp.src.hw\_mac |
| arp.hw.size | arp.proto.size | arp.src.proto\_ipv4 |
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| **IEEE 802.1Q** | vlan.cfi | vlan.len |  |
| vlan.etype | vlan.priority |
| vlan.id | vlan.trailer |
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| **IPv4** | ip.addr | ip.flags | ip.id |
| ip.checksum | ip.flags.df | ip.len |
| ip.checksum\_bad | ip.flags.wf | ip.proto |
| ip.checksum\_good | ip.flags.rb | ip.reassembled\_in |
| ip.dsfield | ip.frag\_offset | ip.src |
| ip.dsfield.ce | ip.fragment | ip.src\_host |
| ip.dsfield.dscp | ip.fragment.error | ip.tos |
| ip.dsfield.ect | ip.fragment.overlap.conflict | ip.tos.cost |
| ip.dst | ip.fragment.toolongfragment | ip.tos.delay |
| ip.dst\_host | ip.fragments | ip.tos.precednece |
|  |  | ip.tos.reliabililty |
|  |  | ip.tos.throughput |
|  | | | |
| **UDP** | udp.checksum | udp.dstport | udp.srcport |
| udp.checksum\_bad | udp.length |  |
| udp.checksum\_good | udp.port |  |
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| **PPP** | ppp.address | ppp.direction |  |
| ppp.control | ppp.protocol |  |
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| **RIP** | rip.auth.passwd | rip.ip | rip.route\_tag |
| rip.auth.type | rip.metric | rip.routing\_domain |
| rip.command | rip.netmask | rip.version |

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|  | tcp.ack | tcp.pdu.size | | tcp.port | |
| **TCP** | tcp.checksum | tcp.pdu.time | | tcp.reassembled\_in | |
| tcp.checksum\_bad | tcp.hdr\_len | | tcp.segment | |
| tcp.checksum\_good | tcp.len | | tcp.segment.error | |
| tcp.continuation\_to | tcp.nextseq | | tcp.segment.multipletails | |
| tcp.dstport | tcp.options | | tcp.segment.overlap | |
| tcp.flags | tcp.options.qs | | tcp.segment.overlap.confilct | |
| tcp.flags.ack | tcp.options.sack | | tcp.segment.toolongfragment | |
| tcp.flags.cwr | tcp.options.sack\_le | | tcp.options.cc | |
| tcp.flags.ecn | tcp.options.sack\_perm | | tcp.options.ccecho | |
| tcp.flags.fin | tcp.options.sack\_re | | tcp.options.ccnew | |
| tcp.flags.push | tcp.options.time\_stamp | | tcp.options.echo | |
| tcp.flags.reset | tcp.options.wscale | | tcp.options.echo\_reply | |
| tcp.flags.syn | tcp.options.wscale\_val | | tcp.options.md5 | |
| tcp.flags.urg | tcp.pdu.last\_frame | | tcp.options.mss | |
| tcp.seq | tcp.segments | | tcp.options.mss\_val | |
| tcp.time\_relative | tcp.time\_delta | | tcp.srcport | |
|  |  | | tcp.urgent\_pointer | |
|  |  | | tcp.window\_size | |
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| **IPV6** | ipv6.addr | | ipv6.hop\_opt | | ipv6.class |
| ipv6.host | | ipv6.dst | | ipv6.mipv6\_home\_address |
| ipv.dst\_host | | ipv6.mipv6\_length | | ipv6.dst\_opt |
| ipv6.mipv6\_type | | ipv6.flow | | ipv6.nxt |
| ipv6.fragment | | ipv6.opt.pad1 | | ipv6.fragment.error |
| ipv6.opt.padn | | ipv6.fragment.more | | ipv6.plen |
| ipv6.fragment.multipletails | | ipv6.reassembled\_in | | ipv6.fragment.offset |
| ipv6.routing\_hdr | | ipv6.fragment.overlap.conflict | | ipv6.routing\_hdr.left |
| ipv6.fragment.toolongfragment | | ipv6.routing\_hdr.type | | ipv6.fragments |
| ipv6.src | | ipv6.fragment.id | | ipv6.src\_host |
| ipv6.hlim | | ipv6.version | |  |

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| **Frame Relay** | fr.becn | fr.control.s\_type | fr.ea |
| fr.chdlctype | fr.control.u\_modifier\_cmd | fr.fecn |
| fr.control | fr.control.u\_modifier\_resp | fr.lower\_dlci |
| fr.control.f | fr.cr | fr.nlpid |
| fr.control.ftype | fr.dc | fr.second\_dlci |
| fr.control.n\_r | fr.de | fr.snap.oui |
| fr.control.n\_s | fr.dlci | fr.snap.pid |
| fr.control.p | fr.dlcore\_control | fr.snaptype |
|  |  | fr.third\_dlci |
|  |  | fr.upper\_dlci |
|  | | | |
| **MPLS** | mpls.bottom | mpls.cw.control | mpls.cw.res |
| mpls.exp | mpls.label | mpls.oam.bip16 |
| mpls.oam.defect\_location | mpls.oam.defect\_type | mpls.oam,frequency |
| mpls.oam.function\_type | mpls.oam.ttsi | mpls.ttl |
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| **ICMPv6** | icmpv6.all\_comp | icmp.checksum | ipv6.checksum\_bad |
| icmpv6.code | icmpv6.comp | icmpv6.haad.hd\_addrs |
| icmpv6.identifier | icmpv6.option | icmpv6.option.cga |
| icmpv6.option.length | icmpv6.option.name\_type | icmpv6.option.name\_type.fqdn |
| icmpv6.option.name\_x501 | icmpv6.option.rss.key\_hash | icmpv6.option.type |
| icmpv6.ra.cur.\_hop\_limit | icmpv6.ra.reachable\_time | icmpv6.ra.retrans\_timer |
| icmpv6.ra.router\_lifetime | icmpv6.recursive\_dns\_serv | icmpv6.type |
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| **BGP** | bgp.aggregator\_as | bgp.aggregator\_origin | bgp.as\_patch |
| bgp.cluster\_identifier | bgp.cluster\_list | bgp.community\_as |
| bgp.\_reach\_alri\_ipv4\_profile | bgp\_mp\_unreach\_alri\_ipv4\_prefix | bgp\_multi\_exit\_disc |
| bgp.next\_hop | bgp.alri\_prefix | bp.origin |
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| **ICMP** | icmp.checksum | icmp.ident | icmp.seq |
| icmp.checksum\_bad | icmp.mtu | icmp.type |
| icmp.code | icmp.radir\_gw |  |

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| **DTP** | dtp.neighbor | vtp.neighbor | dtp.version |
| dtp.tlv\_type | dtp.tlv\_lan |  |
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| **VTP** | vtp.code | vtp.ad\_lan | vtp.vlan\_info.mtu\_size |
| vtp.conf\_rev\_num | vtp.seq\_num | vtp.vlan-info.status.vlan\_susp |
| vtp.followers | vtp.start\_value | vtp.vlan\_info.tlv\_len |
| vtp.md | vtp.upd\_id | vtp.vlan\_info.tlv\_type |
| vtp.upd\_ts | vtp.vlan\_info.802\_10\_index | vtp.vlan\_info.vlan\_name |
| vtp.md5\_digest | vtp.vlan\_info.isl\_vlan\_id | vtp.vlan\_info.vlan\_name\_len |
| vtp.version | vtp.vlan\_info.len | vtp.vlan\_info.vlan\_type |
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| **HTTP** | http.accept | http.accept\_encoding | http.accept\_language |
| http.authbasic | http.authorization | http.cache\_control |
| http.connection | http.content\_encoding | http.content\_length |
| http.content\_type | http.cookie | http.date |
| http.host | http.last\_modified | http.location |
| http.notification | http.proxy\_authenticate | http.proxy\_authorization |
| http.proxy\_connect\_host | http.proxy\_connect\_port | http.referer |
| http.request | http.request.method | http.request.url |
| http.request.version | http.response | http.response.code |
| http.server | http.set\_cookie | http.transfer\_encoding |
| http.user\_agent | http.www\_autenticate | http.x\_forward\_for |

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| **Operators** | **Logic Operators** |
| Eq or == | And or && **Logical AND** |
| Ne or != | Or or || **Logical OR** |
| Gt or > | Xor or ^^ **Logical XOR** |
| Lt or < | Not or ! **Logical NOT** |
| Ge or >= | [n] or [\_] **Substring separator** |
| Le or <= |  |