

## Wireshark Cheat Sheet

Zoom out of the packet data (decrease the font size) Zoom into the packet data (increase the font size) Resize columns, so the content fits to the width In the packet detail, opens the selected tree item and all of Slice Operator [...] - Range of values Auto scroll packet list during live capture CTRL+E - Start/Stop Capturing Jump to first packet of the capture file Jump to last packet of the capture file Jump forward in the packet history Colorize the packet list (or not) Return or Enter In the packet detail, toggles the selected tree item. tcp dst 202.164.30.1 In the packet detail, opens the selected tree item tcp.flags.syn == 1 and tcp.flags.ack == 0 Set zoom level back to 100% Move to the next packet in the selection history. frame.time >= "June 02, 2019 18:04:00" In the packet detail, jumps to the parent node. Go to specific packet Membership Operator {} - In In the packet detail, closes all tree items. eth.addr == 00:70:f4:23:18:c4 In the packet detail, opens all tree items. eth.dst == ff:ff:ff:ff:ff:ff wlan.fc.type\_subtype = 0x08 http.host == "host name" Description tcp.flags.reset == 1 tcp.flags.syn == 1 ip.host = hostname (eth.dst[0] & 1) Filter syntax ether, fddi, ip, arp, rarp, decnet, lat, sca, moprc, mopdl, tcp and udp Keyboard Shortcuts - main display window Sets interface to capture all packets on a network segment to which it is setup the Wireless interface to capture all traffic it can receive Capture Filter Syntax Display Filter Syntax View → Resize Columns 192,168,1,1 Protocols - Values View → Auto Scroll in View → Normal Size Go → First Packet Go → Last Packet View → Zoom Out Alt+→ or Backspace Go → Go to Packet View → Zoom In Option+→ Ctr1+→ Ctr]+← Shift+→ Menu Item String 1 String 2 Operator Move to the next packet, even if the packet list isn't focused. Move to the previous packet of the conversation Move to the previous packet, even if the packet Move between screen elements, e.g. from the Tab or Shift+Tab toolbars to the packet list to the packet Move to the previous packet or detail item. Move to the next packet of the conversation Wireshark broadcast filter Wireshark multicast filter Auto Scroll in Live Go To First Packet Go To Last Packet Wireshark Beacon Filter Move to the next packet or detail item. 192.168.1.1 Resize Columns Filter by time stamp Go to Packet... MAC address filter Toolbar Item Host name filter protocol direction hosts Filter SYN flag RST flag filter Zoom In Zoom Out Capture Filter by URL Description (Unix/Linux only) SPC list isn't focused. (TCP, UDP or IP). Common Filtering commands Toolbar Icon Main toolbar items 1 Promiscuous mode Monitor mode Ctrl+ ↓ or F8 Ctrl+ 1 or F7 Uses the same packet capturing options as the previous session, or uses defaults if no options were set Syntax Ctrl+, Opens "File open" dialog box to load a capture for ip.addr >= 10.10.50.1 and ip.addr <= 10.10.50.100 ip.addr == 10.10.50.1 and ip.addr == 10.10.50.100 Find packet based on different criteria Opens "Capture Options" dialog box Restarts active capture session Jump back in the packet history ip.addr == 10.10.50.1 and Tcp.port == 25 Stops currently active capture Reloads current capture file Close current capture file Save current capture file exclusive alternation - Only one of the two conditions should match not both Either all or one of the condition should match (ip.addr == 10.10.50.1) ip.addr == 10.10.50.1/24 Description ip.addr == 10.10.50.1 ip.dest == 10.10.50.1 ip.src == 10.10.50.1 tcp.dstport == 23 Filter syntax All the conditions should match Filter a specific word or text ip.dest == 192.168.1.1 ip.dest != 192.168.1.1 Hide Packets from a capture display frame.len >= 10 frame.len > 10 Filter packets during capture frame.len <10 frame.len<=10 Not equal to Protocol Protocol used in the Ethernet frame, IP packet, or TCP segment Default columns in a packet capture output Source (src) Source address, commonly an IPv4, IPv6 or Ethernet address Filtering packets (Display Filters) No. Frame number from the beginning of the packet capture Logical Operators Edit → Find Packet... Capture → Restart Filter Types Capture → Start Capture → Options Capture → Stop File → Save As.. View → Reload Go → Go Back File → Open... File → Close Menu Item Time Seconds from the first frame Length Length of the frame in bytes Greater than or Equal Less than or Equal Greater than Description Not Equal Substring operator Destination (dst) Destination address NOT(Negation) Logical AND Logical XOR Logical OR Filter by ip address and port Filter by destination port Filter by Destination IP Wireshark Filter by IP Filter by Multiple Ips Filter out IP address Filter by Source IP Filter by IP range Find Packet... Toolbar Item Filter by port Filter subnet Options... Save As... Restart Reload Stop Open... Close Display Filter ge or >= ne or != le or <= gt or > It or < Operator ed or == Toolbar Icon and or && not or ! [n] [...] or or || xor or 0 O X