

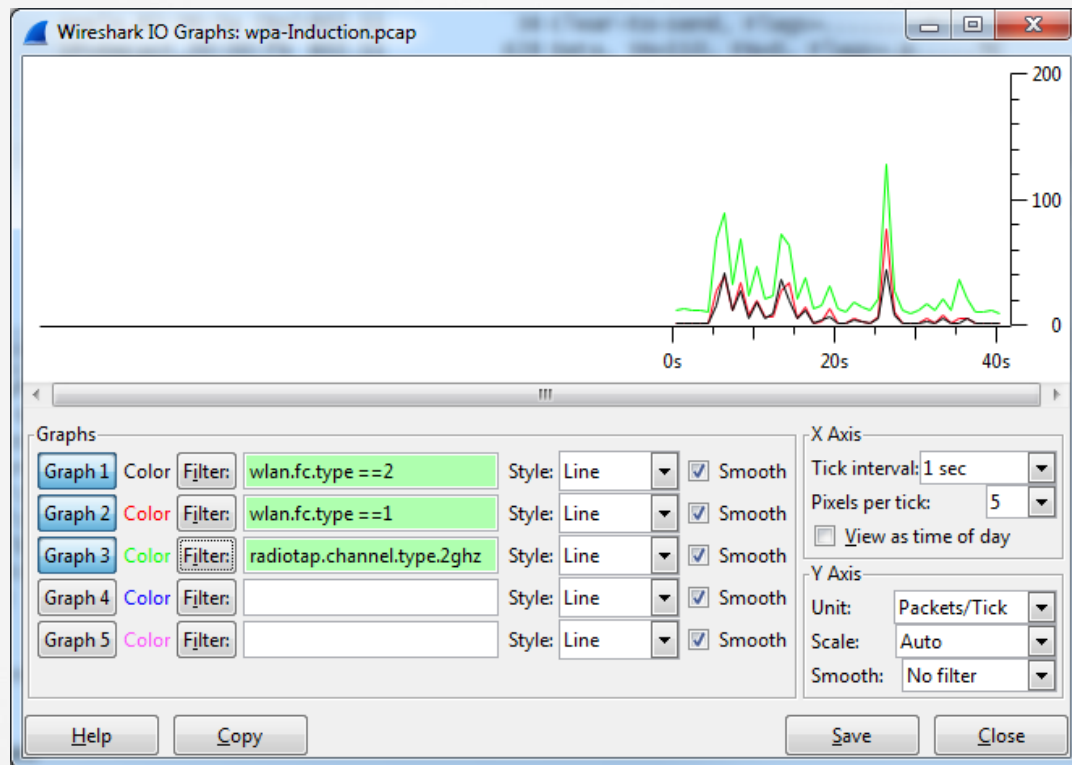


Analyzing Wireless

Analyzing Wireless

- » What is an SSID?
- » Using Wireshark to troubleshoot wireless issues
 - Channel issues
 - Incorrect SSID
 - De-Auth
 - Probing
 - Others

Analyzing Wireless



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» Digging in to the capture

- Review the packets to look deeper into the frames to find FCS issues, channeling issues, or general association issues

» Tools used to solve this issue

- WLAN traffic
- IO Graph
- Capture Window filters

Analyzing Wireless

Wireshark: WLAN Traffic Statistics: wpa-Induction.pcap

Network Overview

BSSID	Ch.	SSID	% Packets	Beacons	Data Packets	Probe Req	Probe Resp	Auth	Deauth	Oth
ff:ff:ff:ff:ff:ff		<Broadcast>	0.14 %	0	0	0	0	0	0	0
5a:17:e9:a9:be:27		<Broadcast>	0.14 %	0	0	0	0	0	0	0
65:78:f7:b7:60:a9		<Broadcast>	0.41 %	0	0	0	0	0	0	0
Broadcast		<Broadcast>	0.68 %	0	0	5	0	0	0	0
65:78:f7:b7:30:84		<Broadcast>	0.14 %	0	0	0	0	0	0	0
98:d3:04:64:fa:55		<Broadcast>	0.14 %	0	1	0	0	0	0	0
Cisco-Li_82:b2:55	1	Coherer	97.95 %	398	284	4	26	2	0	0

Selected Networks

Address	% Packets
Broadcast	100.00 %
Cisco-Li_16:94:73	100.00 %

Frame (frame), 77 bytes

Profile: Custom

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Questions?