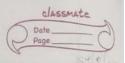
WEEK 17

Tool Exploration -Wireshark

OBSERVATION:

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	Too Exploration: Wireshark and our purgue w
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	weeshark is an open-source packet analyser, which is
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dilious	protocol divelopment and network troublishooting
000008	protocol divelopment and network so that each one is filtered to the backets so that each one is filtered to
	meet our specific needs it is commonly called as a sniffer
10	network protocal analyses to examine a security engineers to examine a security
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	apprehend the data back and forth. It is after called as a free
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	unselective mode, i.e., to accept all the backets conich it succives
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1 8	It is used by network engineers to troublishoot network issul.
4	It is used by network engineers is used and malicious activities
	on your network.
6	The coalties disconnect the second
	the helps us to Know how all the devices like laptop, mobile phones, destop, switch, routers, etc. communicate in a local
400	phones, austropy, switch, have factorid
	network or the just of the world.



Functionality of Wireshark wireshark is similar to topdumb in networking. Top dump is a common packet analyzor which allows the issur to display other packets and Top/IP Packets, being transmitted & succived over a network attacted to the computer. It has a graphic end and some sorting & filtering functions. wireshork users can bu an the traffic passing through the network. white stank can also monitor the unicast traffic which is not Burt to the network's MAC address intorpad. But, the switch does not pass all the traffic to the port. Hence, the promiscious mode to not sufficient to see all the traffic. The various retwork taps or port mirroring is used to extend capture at any paint. Port introving is a method to monitor rutioork traffic when it is enabled, the switch sunds the copies of all the nutwork packets present at one port to another port of a manage adopted Featuries of Wire shark It is multi-platform saftware, i.e. it can run on unux, asx, windus, Free BSD, etc. It is a standard three-pane packet browser. it performs dup insepection of the hundreds of protocols It often involves live analysis i.e., from different types of the nutroom like the othernet, loopback etc. we can head live data It has sort & filter options which makes ease to the user to view the data. It is also useful in voip analysis & can capture raw USB traffic various settings, like timors & filters, can be used to fillie output It can only capture packet on the PCAP supported networks.