## **Tool Exploration - Wireshark**

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	Wixe Shark		View
7			
	Aim: Tool exploration wireshork		cap
-	Aim. 100 ap		1) -
	Introduction:		3) 7
1	Introduction:  Niceshark is an open source, packet analyzed, which is  Niceshark is an open source, packet analyzed, which is		9/ .
	used for education, analysis, software development,		
	used for aducation, analysis, soft and network communication protected protected development and network		Pack
A			ca
	troubleshooting.  It is used to track the packets so that each one or specific needs. It is		CB
	is filtered to meet our specific needs. It is commonly called as a snifter networks protocol		ee
	commonly called as a single ;		->-
	analyzer, and network analyzer.		-
1			-
	Capturing packets in wisesharks		_
1	+ Select one or more networks, go to mean box, then		
	- 0 - 4 4		-
	-> In the wiseshork capture Interface window, select		
7.	start.		
1	- Select File & Save As ar choose an export option	A	
	to news the capture.		
	To stop capturing press (IRI+ E.		
	Wüeshark Filters		
	Waeshan Trous		1
			-
13	Capture filters instruct wireshark to only record	-	-
	packets that meet me specific criteria.	_	
	To use one of the existing filter, enter its na	ne	
1	in the apply a display filter entry field locat	d	
	below the wineshark toolbas.		
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		The Republic Annual Control	100000

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	1 P A D Observate
	View and Analyze the pakets
	captured data interface contains three main sections;
	i) The packet list panel the top section)
	2) The packet details panet (middle section)
which is	3) The gackel bytes pane (bottom section)
ent,	
network	
,	Packet list pame shows all packets found in active
each one	capture file. Fach packet has its own now and a
to is	corresponding number assigned to it. Each packet
stocol	contain
	-> Timestamp
	- Source IP
	→ Destination IP
	-> Protocol -> length
then	org in
	The details pane, presents protocol and protocol
e	fields of the selected packet in a collapsible
	format, which can be expanded on click.
ption	formers, some contractions of the contraction of th
	Packets Lyte pane is present at the pottom of the
	bytes- pane, which displays the naw data of the
	selected packet in hexadecimal bytes.
	seeded gadel in paracellina sques.
	Scleeting a specific position of this data
	automatically highlights its corresponding section
	in the packet details and vice vesse.
	Any bytes that cannot be printed are represented by a
	period.
ted	