Experiment:	Date Page No			
Experiment -4				
	1 kondultudan			
Objective: Interoduction to	network protocoloralyses			
Wineshank.				
Theory : Wisteshark 13 a	netwark protocol			
analyzer tool. It is a bo	wengul pool used fan			
Theony: Wineshank 13 a analyzer tool. It is a por capturing, analyzing land in	terpreting network traffic			
in near-time. Wineshark	allows users to inspect the			
data packets flowing through	gh a network, interjace,			
providing detailed information happening a	on the reference It's comme			
only used Jan network tracu	bleshooting, security analysis			
and protocol development.	J/			
Features of wine shan	C. h. h. c. h. c. h. c. li			
1. Live Packet Caphine: Wineshank	- allows user 10 capture in societime			
network trajfic from voluda	collows user to capture line s network interface in real time			
backet capture files. (PCAP on	ess can also analyse fine-captures			
3. (nonophical Packet Anal nepresontations of packet do packet size distraibution,	4515: LA partides graphical			
nepresentations of packet co	Control hung achiete.			
4. (noss-Platjann Compatib	ility: It is available for			
CLASSTIME multiple operating systems.	including Windows			

Company of the Compan	Experiment:	Date Page No
A STATE OF THE STA	marcos le vanions Linux distribut acressible to a wide narge et users.	tions, making it
5.	Packet Aleconstruction: User con vessemble fragmented un segmen	ated backets b
Company of the contract of	analyse complete data storeams, storeams un HTTP sessions.	such of TCP
Agency of Market and Commercial	Learning Outcome: Understood and Jeatures of network protoe	the Junction
and many control of the control of t	thatis Wineshank.	
1		wyton
	•	
- the sy		
man manufaction in the state of	·	
CLASSTIME		

		Date Page No
W.,	Experiment-5	3
1.3 1.3	Aim: Running and using scovices selekted to Networking.	Commands
1	related to Networking.	a militar
	Gool used: Command Prompt	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
rie .	Theory:	
1.	This command is used is operating system to display the cun network configuration values. It is	S wobains
ــــــــــــــــــــــــــــــــــــــ	oberating system to display the cu	ment FCP/IP
	network configuration values. It s	hows defails
	San as I salares I content as	1/1999
	gateury, and DNS sorvers of the interface on the local machine.	network
	interface on the local machine.	
0		sed La quenu
<u>Z.</u>	nslookup: This command is u DNS server to obtain domain nam	e an ip
	ladiance anabaina and to benjam	other DNS
	indicups. It's commonly used	& hobleshout
	DNS-nelated issues, as it can help	you dragnose
	lookups. It's commonly used I DNS-nelated issues, as it can help problems with domain name or	solution.
	1	
3.	[Prontigial]: This is on extensi	on controlle
i i	11 displays mane delated infat	including
S.	1Prontigiall: This is on extension of displays mane detailed infantal all network interfaces on system. MAC address and additional con	1 iguretion
ASSTIME	defails.	0 ()

A STATE OF THE STA	Experiment:	Date Page No
Ч.	Ping: It is a command line the neachability of a host on s	ufilifyrused to tes
	I wanks by sending ICMP(1.	texned Control
	Message Protocol) echo request	backets to the
The board of the last	target hast and walting of	on ICMP echo
	reply backets to come back	•
Control of the Contro	. 0	
-	tracent: This comman	d is used to book
5.	the route that packets take	
1	computer to a destination 19	address un domai
	nome. It shows the iPade	tness of mouters
The same of the sa	that the parkets havense a	sthey tonavel to
	destination.	U
		<u> </u>
•	Result. Suggessfully no	un all the
	commands (Pronfig. 1)	config fall,
<u>n</u>	DC - P	g) on comman
	brompt.	
	·	
1		
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LASSTIME	E	9.71