7) Test êthe Connectivity to a website using Corse google). the will be to be The ping command is used to check whether Into a host is greathable across an isp networks. It sends Irair echo requests to the destination and waits for a guerponse. This helps in identifying network

and lateray. reachability

are the following command for this

ping google com

use etH+c to stop othe ping test.

Can you integrate Mininet with Open Daylight as the SDN controller.

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	9) Command do édit the network unterface
	arrighing the rip of Galtevary
1)	find your network Enterface name.
	look for etho, enposs, enssa.
)	Open the Netplan Configuration file
	Sudo nano/etc/netplan loi-netcfg. yml)
	changes for every machine file name might be 50-cloud-init yaml.
	Edit the file to assign static up and gateway
	Sample igaml file opens there we have to change the
	address and gateway.
)	Save and exit:
	(tol to enter ctol +x.
)	Apply the Configuration.
	[Sudo netplan apply.]
)	Verity new ip & gate way- Tip a => new ip [ip route]=> gateway

Command to list all active TCP Connections along with their process ids. identify any connections in the LISTEN or ESTABLISHED State. terminal cbl + Alt+T Run command to show TCP Connections. = s. using ss. sudo ss -tunp" => using. netstat (older netd) Sudo netstat -antp" -t -> 7CP Connections only too . UDP 11 -> numeric addresses, not hostnames. show only distening posts. show the process ID and Rec v-Q Send-9 Loc Add: Port 'peo Add: Port procent. Lis 11 12121 2-1 10 91

LISTEN - A program is waiting	for incoming connections.
	Celike web oo SSH Sen
ESTABLISHED - Po live, active con	
Filter Specific states	
only listening TCP.	
Issudo ss -tuln grep Lis	TEN.
only Established connections.	
Sudo so tuna grep ESTA	BLISHED.
the first before the second of	
1) Check Linux distribution with	partitude
objective -s identity	-7 linux distribution name vorman
	other details.
1) Open terminal	
2) run the below comme	Aurah soin handarin 12
"Ish releave -a"	
	tributor cid (ubuntu)
De	scription (whenty 22.04.9 LTS)
	leane (22.04)
Colo	e name ····

3) if Isb-release is Not Installed. sudo apt update

sudo apt install lib-release. Now try the command 4) Coptional) full os into file. Motory Compulsory cat / etc /os-releave. 5) Kernel vernion. Capture -s strat, browse any 12) Open wire shark, Stop Capture. after few sec 1) Open terminal 2) einstall wive shark (16 not installed) sudo apt update

sudo apt install wire shorts.

is installed as a desktop application. 2) Open wire short with the amount of and it Search for wireshark in your menu -> app menu. choose a Network interface to Capture. cuhen wireshark opens, Ly you'll see a list of network interfaces. look for etho or enposs (ethernet) wlano (wireless lwifi) Select the one currently active. start the Capture click on the interface name wire shork starts capturing packets live. a web Browser and Visit a website. open any browser (firefor or chrone). website wikipedia org or anything the site for 5-10 sec. stay on

to allow packets to exchange.

6) Stop the Capture.

return to wireshown and elick, with

ored Square builton (stop capture) at

7) filter of Review Captured packets.

Attp -> only HTTP traffic

drs -> Shows drs queries.

typ -> shows TCP fraffic.

You can click on any packet to expand the details (TCP heads, HTTP requests)

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