CHANDIGARH UNIVERSITY
Discover. Learn. Empower.

APEX Institute of Technology
Information Security/ Blockchain

EXPERIMENT NUMBER: 4

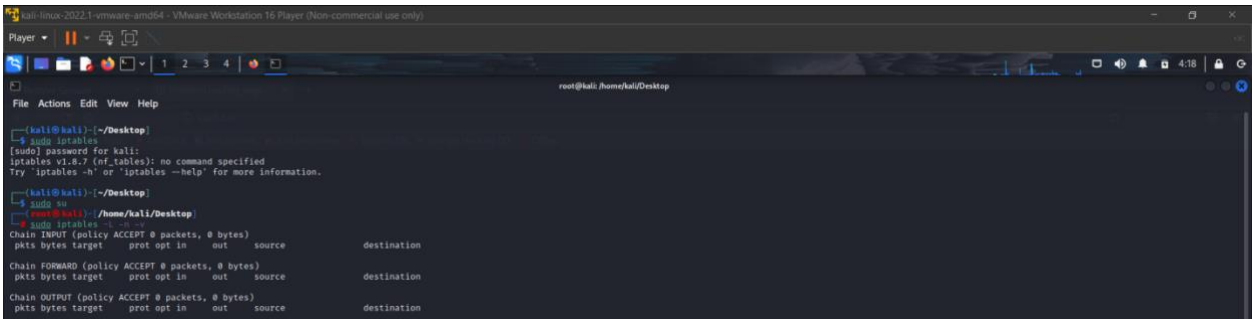
Student Name: Ekansh Sharma	UID: 20BCS3630
Branch: CSE-IS	Section & Group: 20BIS-KRG-1
Semester: 5th	Date: 01-09-22
Course Name: Network Defence Essentials Lab	Course Code: 20CSB-331

1. Aim/Overview of the practical:

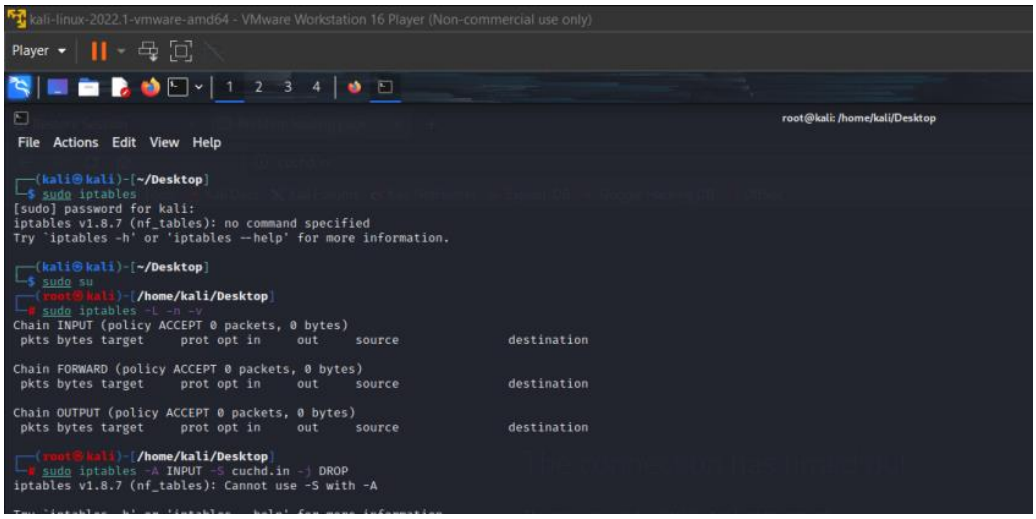
Implementing host-based firewall protection with IP tables.

2. Steps for experiment/practical:

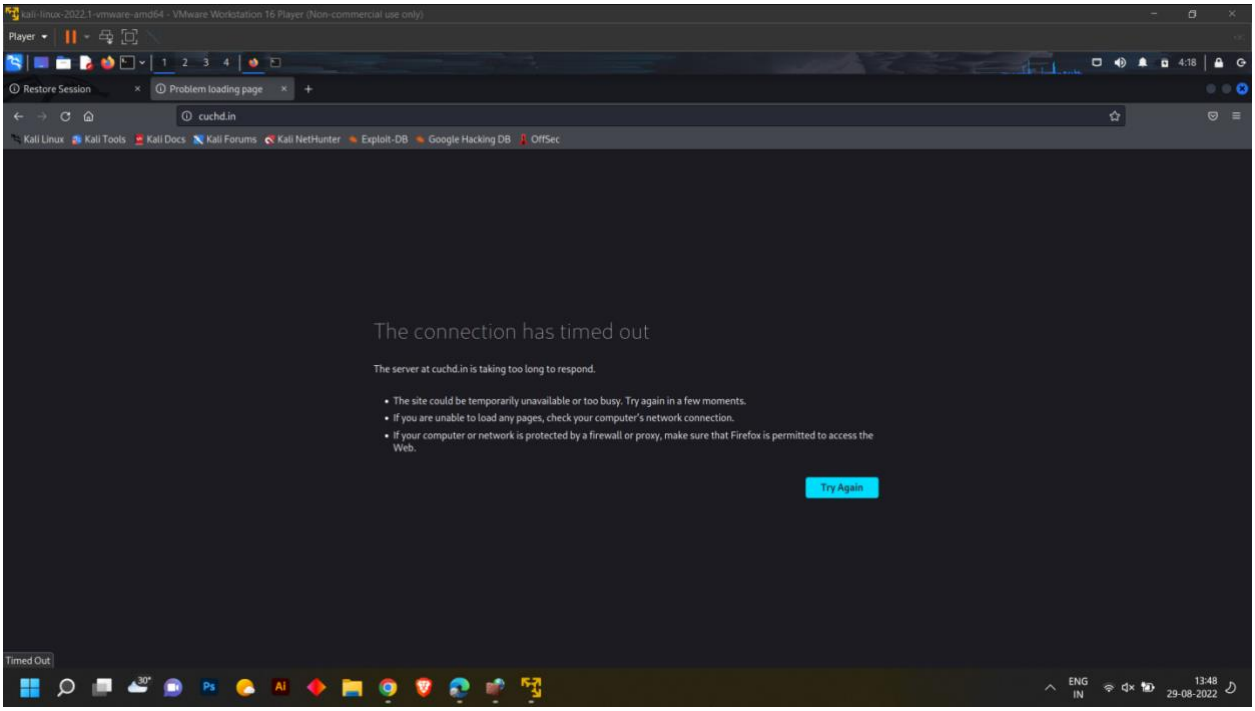
1. Run command ***"sudo iptables -L -n -v"*** fordisplaying the table (here L is for list, v for verbose, n for numeric format)



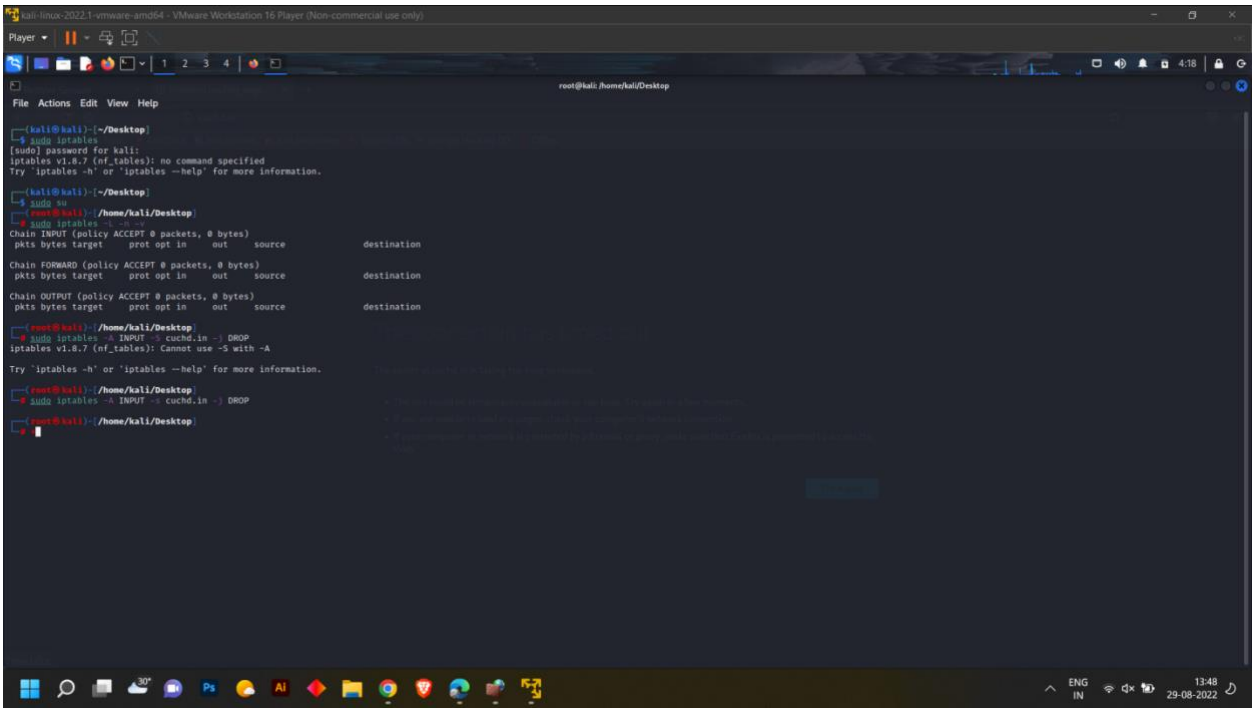
2. Run command***"sudo iptables -A INPUT -s cuchd.in -j DROP"***for blocking the website. (A to append a rule in input, s for source, j for jump to a particular rule)



Now, website cuchd.in is blocked.



Now for deleting this rule use command ***"sudoiptable -D INPUT 1".***



Now, the website is again working.

Learning outcomes (What I have learnt):

1. Learnt about the working of IP Tables.

2. Learn about Chain Input, forward and Output.

Evaluation Grid (Created as per the Assessment Model):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.	Worksheet completion		8
2.	Conduct of Experiment		12
3.	Quiz/Viva Voce		10
	Total		30